Annual Report 2020

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1. Foreword by Dr Kirsten Dunlop, Chief Executive Officer, EIT Climate-KIC

In her State of the Union Address, European Commission President Ursula von der Leyen declared "systemic modernisation across our economy, society and industry" as fundamental to the European Green Deal's mission and key to Europe's ability to chart a course out of the coronavirus crisis and into a sustainable, prosperous future.

For the EIT Climate-KIC community, this declaration holds particular significance, resounding as it does with our own strategy, *Transformation, in Time*, which calls for the fundamental transformation of economic, social and financial systems to trigger exponential change in decarbonisation rates and strengthen climate resilience.

There is little virtue to be made of a year that has shattered the lives of so many, but there is much to learn from the astonishing resilience and human ingenuity demonstrated in the context of growing uncertainty and relentless, unpredictable change.

And there is hope.

This year has shown that we are a community of innovators that is first and foremost unafraid. This courage in the face of adversity, coupled with our unwavering commitment to our mission, has been an inspiring reminder of the extraordinary things that people can do when they work together.

With the EIT's support, we launched an Extraordinary COVID-19 Venture Support Call to select nine impact-driven start-ups to receive significant investment. This Post-COVID-19 Regeneration Call was deliberately designed to attract the most ambitious and innovative climate solutions to support European economic recovery. These activities alone offered an additional 8.4 million Euros to support the work of our community.

We signed 25 long-term collaboration commitments for our Deep Demonstrations with authorities in cities, regions and countries across Europe, partnering to achieve transformational change through innovation – often net zero emissions within 10 years. We represented a third of the nominees for the European Capital of Innovation 2020, including the winner, Leuven. And despite the pandemic, the Deep Demonstrations have built momentum in Glasgow, Madrid, Silesia, Valencia, Slovenia, at the EU Week of Regions and Cities with representatives from Madrid, Amsterdam and Milan and in many more cities and regions.

We were inspired and reassured about our bold approaches when Mohamed Ridouani, Mayor of the City of Leuven, was quoted saying: *"Being part of EIT Climate-KIC's Deep Demonstration gives us the opportunity (...) to learn together through deliberate collaboration and knowledge-sharing. It's what being part of the EU is all about."*

At the policy level, EIT Climate-KIC has been at the heart of designing the sustainable finance taxonomy of the Union, and we have just been elected to the new EU Platform on Sustainable Finance. We also have been invited to be a member of the European Circular Economy Stakeholder Platform.

Our community of climate change agents has grown again: 279 start-ups were accepted into our accelerator programme, including 78 in countries participating in the EIT Regional Innovation Scheme, which have traditionally less well-established innovation ecosystems.

Over 400 students joined the Journey, Europe's largest climate innovation summer school for graduates and young professionals. More than 3,000 entrepreneurs from 56 countries participated in ClimateLaunchpad 2020, the world's largest green business ideas competition.

Four-and-a-half thousand citizens, eager to contribute to a Post-Covid-19 recovery, connected in the first online edition of the Climathon – a city-based

programme that offers cities and citizens the chance to co-create local ideas to shared climate challenges.

Six hundred teachers signed up to training with our Young Innovators Programme, which empowered 2,500 pupils to become the climate leaders of tomorrow.

Needless to say, we were very proud of our winners at the EIT Awards and the eight EIT Climate-KIC innovators in the prestigious 2020 'Forbes 30 under 30' list. You can read on to learn about five such remarkable individuals that we named our 2020 Climate Champions.

President Von der Leyen's plan to accelerate emissions reductions and enable the EU to reach climate neutrality by 2050 signals Europe's increasing demand for collaborative, systemic solutions to the climate emergency. The EIT Climate-KIC community is committed to playing our part in making this ambition a reality.

1.1 Our purpose

EIT Climate-KIC is a European knowledge and innovation community. Supported by the European Institute of Innovation and Technology, an EU body created by the European Union in 2008 to strengthen Europe's ability to innovate, we identify and support innovation that helps society mitigate and adapt to climate change. We believe that a decarbonised, sustainable economy is not only necessary to prevent catastrophic climate change; it presents a wealth of opportunities for business and society.

Keeping global temperature rise below 2°C necessitates unprecedented change: new social dynamics, ways of doing business, capital flows, policymaking, economic models, and new ways of living. No one organisation can solve climate change on its own. We catalyse the rapid innovation needed across sectors by convening the brightest minds to tackle challenges, empowering leaders through capacity building, and seed funding the most promising climate-positive businesses. Our aim is to transform whole places, industries and value chains by 2030, working with funders to develop and scale ambitious, mission-led programmes.

1.2 Our systems innovation approach

Our vision is for a prosperous, inclusive, climate-resilient society founded on a net zero-carbon, circular economy. This is a new climate-conscious economy, where finance flows to green projects and activities, and where motivated people are empowered with the skills and capacity they need to take action.

This can only be achieved through wholesale systemic change – change that encompasses not just the technical and material, but regulation, governance structures, values and mindsets. EIT Climate-KIC works on transformative, systemic innovation that involves many connected innovations developing in parallel and in synergy to trigger exponential shifts in economic and social systems.

We aim to take good ideas, products or services from niche to mainstream to reach a tipping point and create maximum impact. Guided by the Paris Agreement and the IPCC 1.5° Report, our advisors and our community, EIT Climate-KIC has identified cities, land use, materials and finance as the four major systems, where, if change were triggered wholesale and emissions reduced, would have the most potential in realising a climate-resilient society and net-zero carbon economy.

Our approach is to carve out space for experimentation and accelerated learning through innovation by piloting, testing and scaling. We learn from these pilots by observing change, generating insight and identifying options for decision making, recalibrating our approach in response to our insights and connecting findings to decision and investment processes.

1.3 Our results

Since 2010, EIT Climate-KIC has focused on creating a groundswell of innovation to tackle climate change. We are directing the full force of our community and our huge supply of innovation to the demand for change from city authorities, industry leaders, regional and national governments and citizens groups.

COMMUNITY MEMBERS: 455

PARTICIPANTS IN OUR EDUCATION PROGRAMMES: 54,000

INNOVATIVE START-UPS SUPPORTED: 1,860

CLIMATE FUNDING LEVERAGED: > €4,0bn

NEW PRODUCTS AND SERVICES LAUNCHED: > 600

INVESTMENT ATTRACTED TO START-UPS: > €1,5bn

(All data from December 2020)

➔ In 2020 EIT Climate-KIC was working with the most ambitious cities, and regions across Europe in their efforts to transform their emissions, resilience, and economic performance.

In 2019 EIT Climate-KIC launched eight 'Deep Demonstrations' of a net-zero, resilient future' to place the full power of the EIT Climate-KIC community in the hands of Europe's most ambitious local and national climate action leaders. Since then, EIT Climate-KIC has signed long-term collaboration agreements with 25 cities, regions and other actors including Madrid, Milan, Silesia/Rybnik, Nouvelle Aquitaine, Andalusia, Krakow, Valencia Port, and Vienna. These collaborations focus on intent to change the futures of over 40 million Europeans by 2030, accelerating climate action among the cities to pursue climate neutrality by 2030 consistent with the European Commission's Mission for Climate Neutral and Smart Cities.

➔ Businesses created and accelerated with help from EIT Climate-KIC have raised more than €1.5bn in follow-on investment, created over 10,000 jobs, and are reinventing the way we tackle climate change.

EIT Climate-KIC has created one of the world's most extensive and best performing climate ideation, incubation, and acceleration support

ecosystems. Over the past ten years, the two flagship programmes, ClimateLaunchpad and the Accelerator, have supported more than 4,500 businesses in over 50 countries. The Accelerator, an incubation and acceleration programme to support early-stage climate positive ventures in 32 locations in Europe, has together with 33 of our community members supported over 1,800 start-ups going through the technological and commercial valleys of death and maturing them into scalable and impactful businesses. These start-ups have then attracted and secured over €1.5bn of capital. The programme itself has achieved a leverage ratio of 1:17 (operating costs: investment attracted).

➔ On Education, EIT Climate-KIC is a hotbed for producing a new generation of talented climate entrepreneurs and innovators.

EIT Climate-KIC's Journey Programme, a three to four week intensive, immersive summer school, hosted by universities and in 10-20 cities across Europe, has a 10-year legacy and has trained over 2,500 young people, from more than 60 countries to be climate leaders. The programme responds to a global demand for future-proof skills and capabilities, and it creates a community of young people who are prepared to act as leaders in the societal transformation we face. In our 2020 Young Innovators Programme, we have trained more than 1,000 teachers in ten countries and worked with about 5,000 students in a challenge-based and experiential learning setting to empower them to become climate change-makers and develop solutions tackling climate change challenges. The Pioneers programme provided experimental and transformative learning experiences to professionals, enabling them to develop skills and capabilities in systems thinking required to make the rapid transformation needed to reach a net zero resilient economy. In 2020 over 500 applications were received with 222 professionals in 19 European locations taking part in eLearning, workshops, group projects and placements.

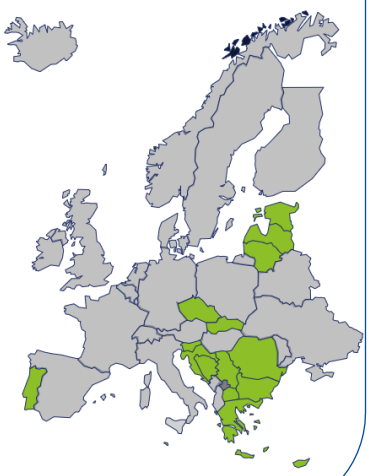
➔ With the EIT Regional Innovation Scheme, EIT Climate-KIC has built 14 dynamic climate innovation ecosystems with 47 partners to amplify innovation impact in the last five years in modest and moderate innovator countries.

In 2020, more than 50 cities have been engaged in these countries through different 2020 EIT Climate-KIC programmes. 71 start-ups were accelerated and more than 150 citizens from these regions joined our Journey or Pioneers programme.

Showing Climate Leadership in Europe's most critical regions

We are delivering innovation, education and entrepreneurship activities in those European regions that need them most.

	Accelerator Location	Innovation Project	Pioneers in Practice	Deep Demonstrations	Journey Locations	Government Engagement	Climathon	Climate Launchpad
Bosnia & Herzegovina		•						
Bulgaria	•	•	•	•		•		•
Croatia	•	•	•			•	•	
Cyprus	•	•	•	•	•	•		
Czech Republic	•		•				•	
Estonia	•	•	•		•		•	•
Greece	•	•	•	•		•		
Latvia	•		•		•		•	
Lithuania	•		•				•	•
Malta		•	•			•	•	
North Macedonia		•					•	
Portugal	•	•			•	•		•
Romania	•	•	•		•		•	•
Serbia	•	•	•		•		•	
Slovakia	•	•	•		•		•	
Slovenia	•	•	•	•		•	•	



Find out more about our impact in the EIT Climate-KIC Impact Report on www.climate-kic.org.

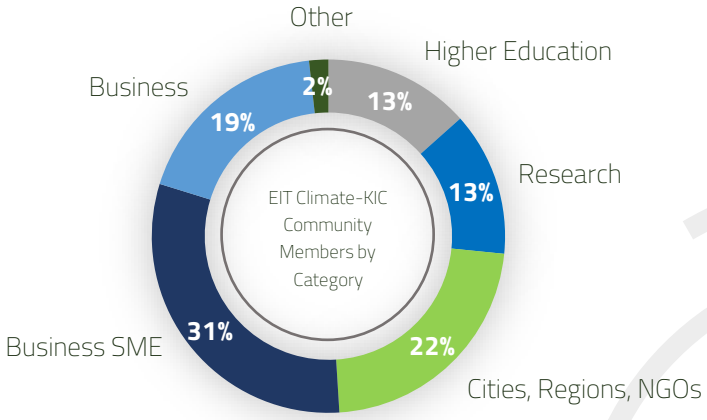
1.4 Our community

EIT Climate-KIC convenes Europe's most influential network for transformative climate innovation. Our community is at the heart of our climate innovation ecosystem.

In 2020, EIT Climate-KIC had 455 global partners, giving us unrivalled knowledge and expertise to apply to the challenges of climate change. Our network of partners includes SMEs and larger corporations, start-ups, graduate students, researchers, scientists, cities, public authorities, NGOs and more.

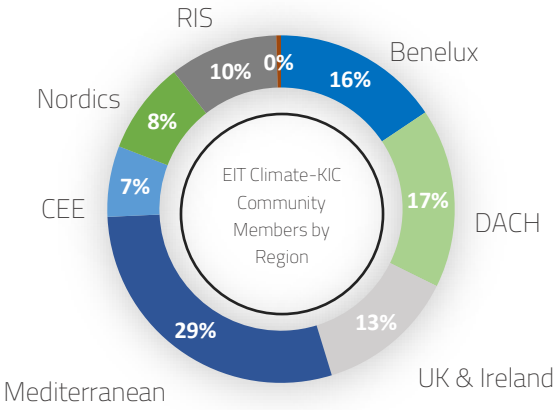
Community members by category (Dec 2020)

Cities, Regions, NGOs	102
Business	84
Business (SME)	140
Higher Education	61
Research	60
Other	8



Community members by region (Dec 2020)

Benelux	71
Central East Europe	30
DACH	76
Mediterranean	132
Nordics	39
UK & Ireland	59
RIS	46
International	2



See the full list of our partners at the end of this report and here: www.climate-kic.org/partners

Discover our local innovation hubs here: www.climate-kic.org/in-your-country

EIT Climate-KIC Annual Partner Retreat 2020: Widening the circle and opening the floor

Due to the requirement to move events online in 2020, this year was the first time that EIT Climate-KIC had the opportunity to invite our entire Partnership to attend the annual Partner Retreat, and the agenda for the day was carefully designed in a way that would allow us to make the most of this unique opportunity. To make the day as interactive as possible, we used an approach called 'Open Space Technology', which allowed us to ask the partners themselves to set the direction and shape the discussions. The approach allowed partners to contribute where they felt they could add most value and build value with others. They were able to raise and host the discussions that they felt were most relevant to themselves and to the future of the EIT Climate-KIC Partnership and Community.

Partners were asked to add sessions that they were interested in hosting (or co-hosting) to the agenda for the Open Space sessions, including a summary description of what the session would be about, the suggested participants (who they thought would find it interesting and valuable to join), the process format for the session (some were presentations, followed by Q&A, while others were completely open discussions) and which of the three frames was most applicable; '**where are we going'** as a Community, '**what needs to be in place**' for us to get there, or '**how do we get to the what next'**?

There were 15 Open Space sessions run during the event on a diverse range of topics, from 'Learning and Education: new pathways for collaborations' to 'Climate innovation in Central & Eastern Europe: Results and next steps on a nine-country ecosystem mapping', and the feedback on the Open Space format was overwhelmingly positive across the 150+ partners who attended the Annual Retreat. As such, we will apply this format again for a series of all partner meetings in 2021 and continue to experiment with different kinds of community formats.

Exaptive: EIT Climate-KIC's Community collaboration and intelligence platform

EIT Climate-KIC has been working with Exaptive since 2018, leveraging the power of data visualisation and machine learning to understand and explore the complex dynamics of our community and to maximise the opportunity for connectivity and serendipity. We have created interactive visualisations of our Community of

Partners, Alumni, start-ups and Deep Demonstrations as a basis for matchmaking and creating opportunities for greater connection and collaboration.

In 2020, we also started to use the Exaptive cognitive city and the increasingly powerful machine learning capabilities of the platform to support and enhance our decision-making and sense-making processes, our facilitated Community matchmaking initiatives and our collective intelligence and sharing capabilities, through design and development of bespoke functionality to support our needs.

As of December 2020, there were 2,658 registers users from across the EIT Climate-KIC Community and ecosystem and there were 15,340 unique page views in 2020.

1.5 Our impact goals

Our vision is of a prosperous, inclusive, climate-resilient society and a circular net zero emissions global economy by 2050. We focus on twelve impact goals to achieve this. They help focus our attention on the characteristics of the systems we are exploring, on what levers of change might constitute the most effective intervention points and on what outcomes we are looking to see.

Goal 1: Promote retrofit and decentralised energy: Drive a significant increase in urban retrofit rates and enable district-scale clean energy production, paving the way for deep cuts in emissions.

Goal 2: Nurture nature-based resilience for cities: Create more liveable, resilient cities through substantially increasing the introduction of nature-based solutions and enhancing natural systems.

Goal 3: Accelerate sustainable urban mobility: Trigger the switch to clean urban mobility to achieve considerable cuts in urban transport emissions.

Goal 4: Make agriculture climate-smart: Instigate a substantial increase in the application of climate-smart agriculture solutions.

Goal 5: Reform food systems: Transform climate-damaging food value chains and enhance the climate resilience of food supply.

Goal 6: Nurture forests in integrated landscapes: Grow carbon sequestration in forests and linked value chains, while avoiding deforestation and protecting ecosystem services.

Goal 7: Build circular material flows: Catalyse a switch to a circular economy and transform production for fossil-energy intensive materials.

Goal 8: Reduce industry emissions: Partner with key industry stakeholders in cutting Scope 3 emissions7 to reach science-based targets.

Goal 9: Reboot regional economies: Transition carbon-intensive regions to become zero-carbon innovation hotspots.

Goal 10: Mainstream climate in financial markets: Advance metrics, standards and instruments that enable transparent, true-cost and benefit accounting for a well below 2°C pathway.

Goal 11: Democratise climate risk information: Enhance access to risk information through capacity building and a major expansion of the climate services market.

Goal 12: Foster bankable green assets in cities: Develop capacity in preparing projects and investment vehicles to boost the availability of sustainable investment assets in cities.

Read more about the context of EIT Climate-KIC's impact goals in our *Transformation, in Time* strategy.

1.6 Looking forward

Through changing systems, we will help addressing the climate emergency and create exponential improvements in decarbonisation and resilience. EIT Climate-KIC's goals for 2027 are to ensure that:

- 200,000 people across Europe are equipped with enhanced climate-relevant innovation and entrepreneurial skills;

- 10 million people benefit from improved resilience to the impacts of climate change;

- 50 cities, countries, regions and large-scale businesses across Europe are achieving net-zero as a result of partnership with EIT Climate-KIC;

- 500 million tons of CO2 eq. emissions have been avoided cumulatively (approx. 1/10 annual EU production) and

- We have succeeded in leveraging €100 billion to scale-up innovations tackling climate change.

Ultimately, we aim to become a leader in systemic innovation that contributes to a paradigm shift from a linear, industrial production system to a circular, regenerative model, leveraging the power of our unique community of innovators and inspiring change beyond it.

2. Highlights in 2020

2.1 EIT Crisis Response Initiative

The 2020 global pandemic has brutally exposed the fragility of our existing systems. Like climate change, COVID-19 has acted as a threat multiplier, applying pressure on socioeconomic systems. Investments made today will shape our future and our ability to react to other crises, they must therefore support the acceleration to a net-zero-carbon economy. Today, we have an opportunity to do so while rapidly delivering jobs and sustainable growth, improving quality of life for citizens, and building more resilient societies. The EIT Governing Board decided on 14 May 2020 to mobilise €60 million of additional funding to innovators powering high-impact solutions that tackle this unprecedented social and economic challenge. €8.4 million was made available for the EIT Climate-KIC Community. The financing allowed the launch of new innovation projects to address the immediate crisis as part of the 'Pandemic Response Projects', and supported highly innovative start-ups, scale-ups and SMEs crucial to a 'build forward better' economy to benefit from additional funding under the 'Venture Support Instrument'. Mariya Gabriel, European Commissioner for Innovation, Research, Culture, Education and Youth, responsible for the EIT said: "*In a time of crisis such as what we are facing today, we have to ensure that resources are targeted to deliver results expeditiously. We are ensuring financial support is increased and disbursed more quickly to those who are working on the most*

promising answers to the difficult questions COVID-19 poses. Thanks to the EIT Crisis Response Initiative, innovators in the EU will benefit from additional support helping them to overcome this unprecedented situation and continue delivering innovative solutions for Europe and its citizens."

Pandemic Response Projects

July 2020 - Eleven climate innovation projects across Europe tackling COVID-19 related challenges were selected to receive funding as part of the 'Pandemic Response Projects', one of the two instruments of the EIT Crisis Response Initiative. The EIT Climate-KIC team chose the projects with the highest potential for job creation and economic regeneration to contribute to the European Union's response to the COVID-19 pandemic.

Selected from among 137 applicants, the 11 successful proposals from nine countries respond to emergence from the pandemic's impact and propose climate solutions in line with the need for green regeneration. They are innovation activities in circular economy, built environment and the financial system, three areas that were prioritised due to their high potential impact on economic growth, job creation and wellbeing. They also align with EIT Climate-KIC's focus on innovation with systems' change potential and demonstrate clear objectives to support a just and people-centred transition towards a net-zero-carbon, circular economy.

The range of innovation projects receiving support include:

- a financing mechanism led by Politecnico Di Milano in Italy that aims to stimulate a green economic recovery and promote a people-centered transition in the city of Milan, with the potential for wider scalability beyond the region,
- a proposal by Citizens' Association SMART AP – Laboratory for Social Innovation Skopje in North Macedonia to design a solution to finance the sustainable transformations of five cities in five Balkan countries (Križevci, Maribor, Niš, Sarajevo, and Skopje) and help them achieve carbon neutrality by 2030 by catalysing the funding of climate mitigation projects,
- a project by the European Technology Platform For The Future Of Textiles And Clothing in Belgium that aims to generate new circular and resilient

business models for the clothing industry by providing designers, brands and manufacturers with recommendations to advance circularity, increase transparency and reduce carbon emissions.

Kirsten Dunlop, CEO of EIT Climate-KIC said: "*We learned from this crisis that we cannot afford to go back to business-as-usual. That's why climate action through innovation is at the heart of the European recovery plan. I was very impressed by the quality of the submissions we received, and I am convinced that the successful projects have a great potential to not only mitigate the socio-economic impact of COVID-19 by supporting job creation, but also to unlock opportunities to help create systems resilience in the European Union and advance the green recovery.*"

The Post-COVID-19 Regeneration Call 2020 was designed to attract the most ambitious and innovative climate solutions to support European economic recovery. EIT Climate-KIC received a total of €8.4 million, which will be split between the 'Pandemic Response Projects' described above and 'The Venture Support' instrument which backed climate innovation start-ups, scale-ups and SMEs that have been enormously impacted by the COVID-19 crisis.

Find the full list of 'Pandemic Response Projects' selected by EIT Climate-KIC here.

The Extraordinary Venture Support

August 2020 - EIT Climate-KIC has invested €4 million in nine climate ventures to help them recover from the impacts of the COVID-19 crisis, and to support them in their efforts to bring essential innovations to contribute to the fight against climate change. The funding is part of the EIT Crisis Response Initiative, which directly contributes to the European Union's response to the COVID-19 pandemic.

A total of 301 applicants from 25 countries applied for funding under the 'Extraordinary COVID-19 Venture Support' call launched by EIT Climate-KIC in May 2020 to support highly innovative climate impact ventures whose business has been impacted by the pandemic crisis. The start-up economy is severely impacted by the coronavirus pandemic. Raising capital from investors is more difficult in the current climate and bringing innovations to the market is often delayed, sometimes disrupted.

EIT Climate-KIC shortlisted 19 businesses and invited them to participate in a 'Climate impact forecast' workshop and to deliver their five-year 'Climate Impact Potential'. Different metrics were used to calculate the greenhouse gases emissions reduction potential of the innovation and assess the suitability of the business for the grant. The nine ventures selected for funding develop innovations in agriculture, energy and industry. They will receive between €320,000 and €500,000 and are now invited to sign an investment agreement:

AgroSustain SA (€420,000), a venture from Switzerland, provides biological solutions for crop protection, including coatings for fruits and vegetables freshness extension as well as antifungal solutions, preventing fungal growth on crops in the field, and protecting the fresh produce during storage and distribution.

Alchemie Technology (€500,000), a start-up from the UK, commercialises breakthrough new technology for sustainable dyeing and finishing of textiles.

Brill Power (€500,000), is a UK-based team of battery specialists whose technology improves battery system performance with intelligent control technology.

Bound4blue (€500,000), a Spanish company, is on a mission to deliver automated wind-assisted propulsion systems (wingsails) to shipowners and operators looking to decrease their fuel-related costs and pollutant emissions up to 30 per cent.

Dabbel AI (€320,000), in Germany, developed Artificial Intelligence (AI)-driven software able to self-manage commercial building energy systems. Available worldwide, DABBEL replaces the building engineer's human brain with artificial intelligence, reducing energy consumption and CO_2 emissions by up to 40 per cent.

Everimpact (€320,000), is a French company who developed a software that combines satellite, ground sensors, and AI data to help cities and businesses measure their greenhouse gas emissions and identify opportunities to reduce their carbon footprint.

PlanBlue (€500,000), a company from Germany, combines satellite technology with artificial intelligence and underwater navigation in an intelligent underwater camera to monitor the effects of climate change, biodiversity, plastic waste pollution, but also enables sustainable industrial activities on and near seafloor areas, lake bottoms and river beds.

UniSieve AG (€440,000), a Swiss cleantech company, provides sustainable membrane separation solutions to customers in the chemical and energy industries.

Vultus (€500,000), a Swedish venture, eliminates waste in farming by offering satellite-based prescriptions, reducing nitrogen, fungicide and water usage by 30 per cent.

"*Our entrepreneurship community has been severely affected by the COVID-19 crisis, be it through last-minute investment cancellations, losing customers, global supply chains being interrupted or even just distraction from prioritizing the climate emergency in the face of immediate economic crisis*," says Chief Executive Officer of EIT Climate-KIC, Kirsten Dunlop. *"The volume and geographical spread of applications we received for this call shows how much support is needed across Europe, it also confirms that there is both an urgent need and an opportunity for the innovation community to focus on building capability for resilience and renewal. Our team has selected ventures that will significantly contribute to building back better – maximizing the opportunity to accelerate decarbonisation and introduce sustainable solutions – and ventures that can achieve significant milestones in crisis prevention and resilience given the likelihood of further shocks."*

The funding helped the selected ventures to overcome this unprecedented situation and continue building innovative solutions for Europe and its citizens.

2.2 Deep Demonstrations

LOOP-Ports project wins prestigious sustainability award

June 2020 – The LOOP-Ports project, led by the Fundación Valenciaport and funded by EIT Climate-KIC as part of the Resilient, Net-Zero Maritime Hub Deep Demonstration, was awarded at the International Association of Ports and Harbors (IAPH) World Ports Sustainability Awards 2020 in the 'Climate and Energy' category. The awards were created to recognise sustainable port projects, and to coordinate future efforts and foster international cooperation with supply chain partners.

The maritime sector accounts for 90 per cent of global trade and 3.1 per cent of global GHG emissions, a figure projected to increase threefold by 2050. The LOOP-Ports project is addressing this by facilitating the transition to a circular economy in the port sector, a system whereby materials are used for as long as possible, waste is minimised and emissions are reduced. The number of ports participating in the LOOP-Ports project is increasing and currently stands at 40. The project is also working on developing business models and assessing their replicability in other ports, as well as tailored training activities for staff working in the sector.

LOOP-Ports is aligned with the EIT Climate-KIC *Transformation, in Time* strategy, which advocates for pursuing systems change through innovation as a means to tackle the climate emergency. EIT Climate-KIC's Deep Demonstration Net-Zero-Emission, Resilient Maritime Hubs also exemplifies this approach, by working with partners on land (ports) and on seas (shipping industry) who share an ambition to create a circular, net-zero and resilient maritime sector.

EIT Climate-KIC and Silesian Metropolis joins forces to transform Europe's largest coal region in the face of the climate crisis

July 2020 - EIT Climate-KIC and the Metropolitan Association of Upper Silesia and Dąbrowa Basin (Silesian Metropolis) have signed a letter of intent to jointly expand the member municipalities' activities in the Polish coal region. The cooperation will support the region's efforts in achieving climate neutrality by 2050.

Poland, as the main coal producer in the European Union, faces a huge challenge in reducing greenhouse gas emissions. In 2019, 95 per cent (61,6 million tonnes) of coal production in Europe came from the country. EIT Climate-KIC and the Silesian Metropolis believe that for coal regions like Silesia, the challenge of the transition could be turned into an opportunity.

EIT Climate-KIC laid the groundwork for regional transformation in 2019 through Rybnik360, a project that aims to change the industrial ecosystem of the city of

Rybnik to meet the climate change challenge by jointly designing (together with the inhabitants and other actors operating in and around the city space) a vision of the city's future. Situated in the Silesian province, Rybnik, which is infamous for its high air pollution levels, is surrounded by more than ten active coal mines. The cooperation with the Silesian Metropolis is the next major step to accelerate the transition and support the entire region in achieving climate neutrality by 2050.

The Silesian Metropolis brings together 41 municipalities and is home to 2.3 million residents and 240,000 businesses generating approximately eight per cent of Poland's GDP. The cooperation will support the member municipalities' initiatives to limit the impact of climate change. It will also support the creation of new jobs, the development of the regional infrastructure, the effectiveness of local administration, as well as the dialogue and cooperation with residents, local businesses and civil society.

The cooperation aims to strengthen the position of the Metropolis as a leader of change in the field of environmental protection, for instance by working together on transportation, policy innovation, governance in public administration, and building alliances with a diversity of partners.

Magdalena Dul-Komosińska, EIT Climate-KIC's CEE Region Director said, "*Our mission is to bring together the most ambitious climate stakeholders in Europe across countries, cities, and regions. The Silesian Metropolis takes an open and innovative approach to combating climate change. We strongly believe the cooperation is a milestone on to the way towards climate neutrality of the region.*"

The cooperation will encompass a broad array of services, such as the implementation of deep changes in the labour market, more effective work of public offices, cooperation with residents, entrepreneurs, and other groups, as well as social relations, city facilities, transport and the overall planning of the regions' future.

Grzegorz Podlewski, Vice-President of the Management Board of the Silesian Metropolis said, "*Leveraging on the knowledge and experience of EIT Climate-KIC experts, we are well positioned to work towards energy transition and our end-goal of climate neutrality by 2050. It is the right thing to do from an economic standpoint, as the natural resources of fossil fuels are limited. Therefore, we must think about the future in which the next generations will live. We strive to shape the inevitable change wisely and carefully to build a safe, modern, well-organised, and liveable region.*"

Madrid, Amsterdam and Milan: Three cities putting citizen participation at the heart of climate action

November 2020 - The Extinction Rebellion or Fridays for Future global actions have shown that citizens around the world want to have a say in climate decisions. For EIT Climate-KIC, it is of paramount importance to create the links between decision-makers and the public around climate action. Citizen engagement is therefore at the heart of our Deep Demonstrations programme, our large-scale projects to catalyse fast decarbonisation and drive adaptation and resilience in the context of climate urgency and radical uncertainty.

Speaking at a workshop with representatives from Milan, Amsterdam and Madrid at the EU Week of Regions and Cities on October 20, Kirsten Dunlop, CEO of EIT Climate-KIC said: "*There are different forms of decision-making necessary for engaging citizens, and proximity matters. Not everything affects everyone, and change can start at a street-level or a district-level*". What's important, she added, is that we support transformative efforts with and by citizens who are experiencing their city and neighbourhood every day and are the best advocate to make it a better and more inclusive place in which to live. The session was hosted by EIT Climate-KIC and the Democratic Society and aimed to share the experiences of these three cities engaged in the Deep Demonstration programme with about 70 participants.

Madrid is one of 15 cities in Europe working with EIT Climate-KIC to accelerate their transition towards carbon neutrality and climate resilience. The Deep Demonstration Healthy, Clean Cities applies a multi-actor engagement process to deepen and accelerate the city's climate action plans and projects. Madrid acknowledges citizen participation in urban planning as a way of having valuable input in processes and urban regeneration. In 2015, the city opened Decide Madrid, an online platform to engage local communities in the governance to drive the re-creation of their city. Through the platform, citizens can propose and support ideas for new legislation affecting them and comment and vote for any legislative text introduced by the council.

Climate-KIC: Madrid como ciudad demostradora

Deep Demonstration of Healthy and Clean cities

Working with EIT Climate-KIC on sustainable mobility as part of the Deep Demonstration programme, the Spanish capital is also working on reducing rush hour traffic. The city-wide plan connects councils, companies, universities, trade unions, citizens and many other city actors and organisations whose decisions and actions have an impact on the transport system. This involves telework and the distribution of trips more evenly to avoid peaks. Such improvements can also have an impact on the population's health and wellbeing as they can help reduce infection rates during a pandemic like the one we're experiencing today.

"*The business case for the energy transition in Madrid supported by EIT Climate-KIC has revealed that most of the decarbonisation levers have a positive economic outcome for the city due to energy savings, job creation or health improvement*," says Santiago Saura,

Councillor for International Affairs and Cooperation of the Madrid City Council. He found this to be a compelling argument to engage more and more citizens in support of acceleration towards decarbonisation and climate action.

Further north in Europe, the city of Amsterdam, which is already considered a healthy, prosperous, green and sustainable place to live, has also committed to engage citizens in its transition to becoming a climate-neutral city. Its goals: to eliminate its dependence on coal, oil and gas, and reach 55 per cent fewer emissions in 2030 and 95 per cent fewer emissions in 2050, compared to 1990. Its plan to action: a roadmap, the 'Routekaart Amsterdam Klimaatneutraal 2050' (Roadmap Amsterdam Climate Neutral 2050), which describes the city's ambition, long term vision as well as proposed actions for the short term. In addition to policymakers, a total of 1,000 stakeholders have participated and signed the agreement. The city now intends to work closely with residents, businesses and organisations to experiment, collect data, evaluate, and learn during this complex process.

The municipality is also carrying out simultaneous building renovations and energy updates to make sure houses and offices are ready to overcome the challenges of the next decades. This 'deep retrofit of future-proof housing' as it is referred to, requires the involvement of many actors and EIT Climate-KIC is helping to facilitate co-creation between these partners through the Deep Demonstration of Healthy, Clean Cities programme.

"*Citizens are taking the initiative to renovate their own homes and cooperating to form local energy cooperatives*," says Jan Duffhues, Innovation Strategist at the city of Amsterdam. "*This requires a different kind of government, who does not ask the citizen to participate but is asked by citizens to make their plans possible. The Deep Demonstration programme is helping us to find ways on how to do this, using a systems perspective while at the same time moving forward with actual renovations in various neighbourhoods*."

In Milan, one of the main issues for the city is to tackle air pollution. In 2019, the Italian city signed the C40 Clean Air Cities Declaration along 34 other major cities around the world. By signing the Declaration, the mayors recognised that breathing clean air is a human right and commit to work together to form an unparalleled global coalition for clean air. Today, the city is working on its Air and Climate Plan (ACP) and targets carbon neutrality by 2050. One of the five interconnected areas of work of the ACP is a commitment to citizen engagement.

Milan is now working with EIT Climate-KIC on scaling out the Merezzate+ project, where a community App was developed to allow users to manage shared spaces and services within a housing complex situated on what used to be a neglected polluted industrial site. This place-based, city-wide, residentially led experiment aims to demonstrate how to transform Milan into a sustainable, climate-resilient city, by catalysing change one district at a time. The city is also working on behaviour change campaigns using apps and gamification activities to encourage people to take public transport while collecting data for policymaking. They are also organising citizen training and learning events to overcome the digital and ecological divides in the population.

In each of these examples, the Deep Demonstration programme is proving that innovation in support of decarbonising whole cities delivers positive economic and health impacts, in addition to the climate impacts. These results are also helping to drive citizen engagement and support for a rapid decarbonisation, and to build the narrative and social support needed for climate action.

Raising climate awareness through art in the Glasgow City Region

December 2020 - The Glasgow City Region uses arts as a means of encouraging citizens to endorse the radical transformative measures necessary to fight the climate crisis. Ben Twist likes to open meetings with a line or two of poetry. A stanza of Seamus Heaney or Stephen Dunn, perhaps. Maybe some Robert Frost ("*Two roads diverged in a wood, and I— // I took the one less travelled*"). Occasionally, he reads his own work, like this topical haiku: "*Coronavirus // As a river carves landscapes // Shifts society.*"

A theatre director for 25 years, Ben is now director at Creative Carbon Scotland, a key delivery partner in a new project by Climate Ready Clyde, designed to transform the Glasgow City Region into a flourishing, climate-resilient place to live and work.

Launched in Early 2020, the Clyde Rebuilt initiative is one of a suite of EIT Climate-KIC's breakthrough Deep Demonstration programmes focusing on the theme of 'Resilient Regions'. Led by Climate Ready Clyde, a government-backed alliance of 15 cross-sector organisations, the project will identify and deliver a portfolio of 'joined-up' innovation projects over the coming years.

The decision to bring a leading arts organisation into the mix marks a determination from the outset to do things differently. It is telling that, of the seven core principles that underpin Clyde Rebuilt, the first is 'More of the Same Won't Do'. Another three,

incidentally, have 'Revolution' in the heading ('in understanding', 'in finance', and 'in planning').

On multiple levels, Glasgow City Region is leading the way in terms of climate resilience and adaptation, yet the pace of climate change, coupled with the tectonic shifts in the world's socio-economic systems, is leaving communities and businesses increasingly at risk to future shocks. The City Region must adopt a truly transformational approach.

So why the arts? The reason cuts to the heart of what artistic and cultural expression exists to do: namely, to challenge our perspectives, to relish what is beautiful, to look at questions afresh, and to transform our way of thinking and, ultimately, behaving. Ben from Creative Carbon Scotland gives the example of theatres in Scotland, which, over recent generations, have devoted their pre-Christmas programmes to pantomimes. The annual trip to the 'panto', with all the subtle (and not so subtle!) moral messaging of the genre, is now a seasonal tradition for households across the Scottish capital and nearby cities.

"*Over the years, this kind of collective engagement with culture sets up shared understandings and knowledges … there's a huge but underused opportunity to do the same today for climate change*," says Ben.

Seizing this opportunity is high on the agenda for Clyde Rebuilt, although precisely how remains to be finalised. The coming months will see the initiative's founding partners – which also include the climate change economics and finance experts Paul Watkiss Associates and the sustainability charity Sniffer – identifying potential innovation projects that sync with its transformation strategy, and how they might be funded and financed.

Core to this strategy, or 'Theory of Change', is the notion of innovating at a systems level. Meaningful resilience is a multi-faceted and inter-connected phenomenon. Secure jobs in climate-resilient industries supposes investment in climate-ready technologies and businesses, which requires climate-minded financiers and entrepreneurs, who need direction from climate-conscious policymakers, who are answerable to local vote-carrying residents, and so the circle spins. "*Systems innovation isn't easy but at EIT Climate-KIC we have developed a structured, co-design approach which we are experimenting with in various projects across Europe and which we intend to use with Clyde Rebuilt in the coming months*," says Andy Kerr, director of EIT Climate-KIC in the UK and Ireland.

As part of this initial framing exercise, however, Creative Carbon Scotland is already talking with various arts organisations working in hard-hit areas of the Glasgow City Region. From this ground-up mapping exercise, it hopes to identify resilience 'gaps' – be they economic, social, environmental, demographic or something else in origin – that the project could help address.

By way of example, Ben cites a workshop his organisation recently coordinated as part of a peatland restoration project in the Flow Country in the far north of Scotland. The two-day, on-site event brought together historians, archaeologists, environmentalists, scientists and local citizens. During the course of the project, an on-site workshop was held between historians, archaeologists, environmentalists, local citizens, and other interested parties.

This shared discussion not only gave rise to personal connections that would prove crucial going forward. It also offered up a fuller, more rounded picture of the area's historical and ecological value, to which, among other outcomes, commissioned artists could then respond. For all the urgency and scale of the resilience challenges that Clyde Rebuilt aims to tackle, taking time early on to engage and listen to local communities about their needs and aspirations is essential to long-term success, says Ben.

"*We'll use our skill and judgment, plus the contacts we have, to see what if any links exist between communities' concerns and wider issue of climate adaptation and resilient systems. The question then is whether there's an artist or cultural practitioner who can explore these links with their own set of skills and knowledge?*" he states.

Whatever artistic interventions emerge as part of Clyde Rebuilt, all the project partners agree that they need to be 'action-orientated'. Without a prompt to action, all the fresh thinking in the world won't deliver the transformative changes that a City Region like Glasgow needs to see. Think Live Aid. As a song, it was mediocre; as a music-led movement for change, it was epoch-making.

Individual actions are important to building resilience, of course. But the real, macro breakthroughs come when key levers of change are targeted with strategic, collective actions. Then, the opportunities open up for whole systems – from industry or transport, to power or agriculture – to flip onto a more resilient, more climate-ready footing.

Arts and culture alone cannot deliver such an impact, which is why Clyde Rebuilt will be tackling its objective from a range of different angles. Yet, much like Scotland's tradition of pantomimes, artistic endeavours have the power to shape new narratives and influence public attitudes – which is key to leaving no one behind when embarking on the radical transformative measures that effective climate resilience demands.

2.3 Innovation

Initiative with UNEP Finance

September 2020 - Stakeholders in financial markets, capital and investment are key players in tackling climate change, supporting solutions for climate adaptation, and reducing global greenhouse gas emissions. But to enable our economy and society's transition to net-zero, finance requires a fundamental overhaul. Financial portfolios, for instance, need to align with a well below 2-degree emissions pathway, incentivising green growth, sustainable development, and systems transformation. Produced and supported by EIT Climate-KIC, in partnership with UNEP Finance Initiative (UNEP FI), the series "*Aligning finance for the net-zero economy: New ideas from leading thinkers*" aims to inspire financial actors to move from climate risk disclosure to alignment. The series delves into current assumptions around

alignment with climate frameworks such as the Paris Agreement and the UN Sustainable Development Goals and develops ideas for how alignment can best be achieved.

"*EIT Climate-KIC has supported innovation to mainstream climate in financial markets, democratise climate risk information, and foster bankable green assets for ten years*," says Kirsten Dunlop, Chief Executive Officer of EIT Climate-KIC. "*We are committed to the transformation of core finance to deliver a regenerative, low-emissions economy and sustainable society. Against the backdrop of economic crisis, the inexorable onset of climate emergency and geopolitical fragmentation, financial institutions have an unprecedented opportunity and a responsibility to provide the leadership, investment stimulus and risk mitigation needed for transformation. We are honoured to partner with UNEP FI to provide food for thought as to why and how this might be done.*" The first paper of the series, 'Achieving Alignment in Finance' is authored by Dr Ben Caldecott, founding Director of the Oxford Sustainable Finance Programme and an Associate Professor at the University of Oxford. It examines how financial institutions can move beyond climate risk management towards much closer alignment with climate outcomes. The second paper 'Transformations Required for 1.5°C Alignment and Global Sustainability' is written by Dennis Pamlin, founder and CEO of 21st Century Frontiers and Senior Adviser to the Research Institutes of Sweden. Pamlin, who is also a member of EIT Climate-KIC Advisory Council, discusses the transformations that are needed in the global economy and the finance sector to meet the Paris Agreement objectives, as well as the opportunities that these transformations represent for both sectors.

Helping Europe achieve a circular economy transition

November 2020 - EIT Climate-KIC, EIT RawMaterials, EIT Digital, EIT Food, EIT Manufacturing and EIT Urban Mobility have created a Cross-Knowledge and Innovation Community (KIC) initiative aiming to strengthen the collaboration of their activities related to the circular economy. A coordinated and efficient collaboration between the different KICs will help the EU achieve its Circular Economy Action Plan.

The initiative aims to develop a joint offer around circular economy and improve coordination with the Commission on this issue. It will also strengthen collaboration with other relevant stakeholders, support the European Institute of Technology in discussions with the Directorate-General for the Environment of the European

Commission and facilitate the access to markets for innovative solutions developed in participating KICs.

EIT Climate-KIC circular economy expert, Cliona Howie, was recently appointed to the European Circular Economy Stakeholder Platform Coordination Group where she will represent the Circular Economy Cross-KIC Initiative. "*The six participating KICs have, in total, funded and created nearly 1000 initiatives, solutions, services and start-ups related to the circular economy*," says Howie. "*This impressive wealth of activities positions the KICs extremely well to tackle many of the existing and upcoming systemic challenges that we are and will be facing, but only if working together as a united team. EIT Climate-KIC is a promoter of holistic systems thinking and I see great potential to leverage on the expertise and focus areas of all KICs in order to orchestrate systems change at scale across industries and national borders.*"

EIT Climate-KIC further supports the EU Directorate-Generals to help shape the future of circular economy policy and finance at European level, for example carrying out an expert review and analysis of the DG Environment stakeholder feedback process for the 2020 Circular Economy Action Plan. Stakeholder engagement has been recognised as a key mechanism to ensure that policies are not only an instrument for achieving set targets in terms of climate neutrality and economic growth, but are aligned with tangible socio-economic research and activities conducted by field experts. EIT Climate-KIC also contributed to DG RTD´s report 'Improving access to finance for circular economy projects' which presents a set of recommendations to the Commission on how to change the playing field for circular finance via the 'Circular Economy Expert Finance Group' .This, in turn, shapes financial policies to be more inclusive of circular busines models, which supports existing circular businesses and incentivises other businesses to transition.

On the ground, EIT Climate-KIC´s approach aims to engage directly with governments to identify key concerns and find adapted, systemic solutions. Hundreds of industry actors and policy makers across Europe have been engaged in EIT Climate-KIC thought leadership on circular economy transition pathways via published '*Quick Guides for Business – Helping industries increase efficiency through resource sharing*' that offer insights into how businesses can start industrial resource synergies with other companies to minimise their waste and create more value from their production or the CICERONE: 'Strategic Research and Innovation Agenda' which was developed based on eight priority themes (biomass and biotechnologies, chemicals, construction and demolition, food, plastic, raw materials, waste and

water) and builds on four societal areas that face sustainability challenges (urban areas, industrial systems, value chains and territory and sea) to identify priority areas to tackle EU region-wide issues and facilitate the circular economy transition and in strategic consultation with hundreds of public authorities across Europe.

EIT Climate-KIC's work to support Slovenia to achieve circularity has captured the attention of the external world. The peer-to-peer learning platform for governments, Apolitical, included EIT Climate-KIC's *Deep Demonstration of a Circular, Regenerative and Low-Carbon Economy* in Slovenia as one of its 100 Climate Policy Breakthroughs. The list celebrates meaningful climate action and impactful policies from around the world with the potential for scalability and effective change.

"*The list was created from extensive in-house research, and [the Slovenian Deep Demonstration programme] policy was specifically selected as an example of impactful climate action that could inspire other policymakers,"* says Ali Hunter, Climate Policy Fellow at Apolitical.

In November 2019, the Slovenian parliament passed a motion to adopt an EIT Climate-KIC-led proposal which aims to position Slovenia as a European leader in harnessing circularity to transform and decarbonise its economy while fostering a green economy and designing and promoting the smart and circular transition of local communities. The motion passing in parliament was the result of years of collaboration between EIT Climate-KIC and Slovenian government officials, climate change professionals, students and citizens.

A climate service for flood risk mapping in urban areas

December 2020 - The SaferPlaces project, supported by EIT Climate-KIC, has created a climate service that provides flood-prone cities with the climate, economic, and infrastructural information they need to increase their resilience against increasingly frequent extreme weather events. Cities are expected to experience more frequent and severe flooding, due to increasing occurrence of extreme weather events and many Europeans are vulnerable to their impacts. Future projections are not reassuring, since the combination of climate change with other factors, such as the increase in population concentration and impermeability of soil in urban environments, is further contributing to the risks associated with flooding.

Cities must act quickly by planning and re-designing with climate projections in mind and provide concrete steps to create more resilient urban spaces. Flood risk information is an essential element of urban planning: it can be used to make informed decisions about climate adaptation strategies that promote economic growth and boost wellbeing, while at the same time mitigating risks.

SaferPlaces uses an online platform to present climate-risk scenarios like flood simulations, along with tools and modelling techniques, which allow relevant stakeholders to examine current and future climate scenarios to help inform how to plan, design and build safer and more resilient communities.

The SaferPlaces platform is currently operational for four pilot case studies: Rimini and Milan (Italy), Pamplona (Spain) and Cologne (Germany). To date, most of the project's activities have been focused on Rimini, a city potentially exposed to coastal flooding due to sea level rise and increasingly intense storm events, and home to the largest urban regeneration project in Italy, called 'Parco del Mare'.

The 'Parco del Mare' intervention aims to improve the environmental and landscape conditions of the seafront promenade in the area of Rimini Sud. In addition, it increases the resilience of the entire community in the face of climate change, providing protection against torrential rains and sea intrusion. 'Parco del Mare' is a considered a Nature-Based Solution2, a concept used by the European Commission to define all those interventions inspired by nature, which provide environmental, social and economic benefits and at the same time help to increase urban resilience to climate change.

Analysis from the SaferPlaces platform showed the potential cost-benefit ratio of Rimini's 'Parco del Mare' project: the amount saved with this adaptation far exceeds the expected investment. The initative is therefore efficient and economically sustainable, which in addition to the regeneration and aesthetic improvement of the new sea promenade, will protect the entire city from future flooding generated by climate change.

The SaferPlaces team is hoping to expand to two other pilot case cities: Pamplona and Cologne. The potential of this climate service is enormous for the many countries and cities around the world that are increasingly threatened by the danger of flooding. Given the success SaferPlaces has seen, combining climate scenarios with urban mapping, risk assessment and economic impact modelling has great potential to be extended to other types of climate risks, such as heat waves, in the future.

A new platform for sustainable Nordic wood construction

December 2020 - December marked the launch of NoMuWood.com, an EIT Climate-KIC supported digital platform that aims to inspire and inform Nordic Municipalities about the possibilities and processes of wood construction. "*We are proud to present NoMu Wood, and we hope that it can be the catalyst for change amongst municipalities in Norway*", said Anders Vestergaard Jensen, Project Manager of the Nordic Wood in Construction Secretariat at EIT Climate-KIC. "*The platform will give Nordic municipalities a great grounding in wood construction and LCA knowledge, and equip them to lead the charge in the low-carbon construction revolution.*"

With an abundance of sustainably sourced timber, infamous architectural prowess and some of the world's most ambitious climate targets, the Nordics are well-positioned to play a central role in the coming low-carbon revolution in construction: wood. Through local procurement, municipalities have the power to drive local supply chains towards timber construction, support local bioeconomies and cut carbon emissions in the construction sector — all while creating beautiful and healthy places to live for their citizens. NoMuWood aims to provide the resources to enable municipalities to make that transition. By gathering resources and information to guide them through the process, NoMuWood gives Nordic Municipalities interested in building with wood everything they need to get started. The platform also includes a case library with numerous and varied examples of

wooden buildings from around the region and offers guidance from the idea and tender stage to the end of life.

With life cycle analysis (LCA) playing an increasing role in assessing the carbon impact of different construction materials, the platform is also home to an LCA e-learning tool. Seven online training modules give municipal actors the skills and knowledge they need to work with LCA through the tendering, design and operation phases, and how wood buildings perform under these analyses. This project is in partnership Danish Technological Institute, WeThinkNordic, Arkitema and COWI.

2.4 Entrepreneurship

Global Climathon Award

January 2020 - The city of Penang, Malaysia, and a team of citizens from Tallinn, Estonia, are the winners of the 2020 Climathon Global Awards at the ChangeNOW summit in Paris. A total of ten citizens and five city finalists took part in the inaugural Climathon Global Awards, which recognise creativity and solutions-thinking in response to local climate challenges. The event was held by EIT Climate-KIC in partnership with the Crowther Lab, ETH Zurich. The first-place cities project from

Penang focused on improving social resilience, as well as nature-based solutions to reduce the heat island effect. The winning citizen project from Estonia, Woola, tackled waste by replacing e-commerce packaging with sheep wool. Both winners will receive a cash prize to invest in their project and ongoing technical support from the EIT Climate-KIC network.

Sofia Castelo from Think City said: "*It's incredibly exciting and an honour for Penang to be the first city winner of the Global Climathon Awards. There are places in the world where the climate in 2050 will be vastly different from what it is today. Penang is one of these cities – this is the challenge.*" Anna-Liisa Palatu from Woola adds: "*The real value of winning this award is in the recognition. It gives us a lot of credibility and a capital boost to test out our solution. We know that the planet's resources are finite, and we have to rethink how we approach materials and waste. Businesses are using the wrong kind of materials, 96 per cent of it isn't recycled and it takes a huge amount of energy to produce. We think sheep's wool is an ideal solution – our project is shockproof, heatproof and totally compostable. When we're talking about climate change, raising awareness is always good, but a practical solution is always better.*"

Five EIT Climate-KIC innovators featured in Global Cleantech 100

February 2020 - Five EIT Climate-KIC-supported innovative ventures were included in the Global Cleantech 100 list. The Global Cleantech 100 list is a guide to the most innovative and promising companies poised to impact the market and the future of global industries in the next five to ten years. From transportation and logistics to agriculture, energy, food, chemicals and resources, the report covers six sectors and provides analyses of the themes and trends shaping the market and corporate investment.

These EIT Climate-KIC supported start-ups were featured:

Envelio was founded in May 2017 as a spin-off of RWTH Aachen University. As researchers at RWTH, the five founders have been developing software and algorithms for the planning and operation of energy networks for more than five years. Envelio continues to develop the Intelligent Grid Platform as an innovative digitization platform for energy grids.

Disruptive aviation start-up, Lilium, enables you to travel five times faster than by car by introducing the world's first commercially available all electric vertical take-

off and landing jet: An air taxi for up to five people with a top speed of 300 Kmh speed (as fast as a Formula 1 car). Their concept has environmental benefits; electric air travel would mean a vast reduction in pollution, and a reduction in city population could lead to an increase in environmentally friendly land use.

Organica Water is a global provider of innovative solutions for the treatment and recycling of waste water. Organica has enabled customers all over the world to address urban water challenges in a cost and resource-efficient manner. Organica's water solutions can be found all over the world, from the Philippines to France.

Tado° is an intelligent climate control. A developer of smart radiator thermostats, Tado's products connect to the internet and control your heating system or radiators, detect where residents currently are and control the temperature accordingly, taking into account both current weather forecasting data and building characteristics.

Ÿnsect leads the global field in farming insects and turning them into premium, high-value ingredients. Founded in 2011, it aims to make insects a major, first-class ingredient in feed for pets, fish and plants, such as ŸnMeal proteins, that offer significant health benefits through state-of-the-art industrial facilities attuned to natural ecosystems, offering a natural, long-term solution to growing global demand for protein. The company draws on pioneering proprietary technology protected by 25 patents to develop 'farm hills' (Fermilières®).

EIT Climate-KIC shines on 2020 Forbes 30 under 30 Europe list

March 2020 - Eight EIT Climate-KIC innovators were featured in the 2020 edition of the prestigious list of young entrepreneurs shaping the future of Europe:

Douglas Martin from MiAlgae: MiAlgae is set to revolutionise the global livestock feed industry by using by-products from local whisky distilling processes together with waste water to grow micro algae. These algae can substitute the need for fishmeal in the livestock feed industry and dampen incentives to overfish. MiAlgae has support from EIT Climate-KIC's accelerator. The support helped the company expand its team and increase its production.

The team of Lightyear: Lightyear is on a mission to create the successor of the electric car, by designing vehicles that can drive on solar energy. The company has produced Lightyear One, the world's first long range solar powered car. EIT Climate-KIC supported the company through their business creation programmes.

Benjamin David from Solaris Offgrid: Solaris Offgrid offers a pay-as-you-go model for affordable energy access in developing countries. Their innovations in customer service, hardware, software and deployment efficiency made it possible for the company to scale quickly and help thousands of people with energy. Both EIT Climate-KIC and EIT InnoEnergy helped Solaris Offgrid with assistance and funding in the early stages. In 2017 the company was nominated for the EIT Venture Award.

Son Chu and Khanh Tran from RENS Original: The world creates over 2.5 million tons of coffee waste per year and only 5 per cent of those are recycled while the rest is dumped into landfills. At the same time, by the year 2050, there will be more plastic in the ocean than there will be fish. RENS Original is the world's first sneaker made from both Coffee and Plastic waste. In 2018 Son Chu and Khanh Tran participated in EIT Climate-KIC's ClimateLaunchpad, placing second in the National Final.

Bruno Azevedo and Rodrigo Pires from AddVolt: AddVolt developed the world's first plug-in electrical system for transportation markets. Their product can be plugged into trucks to receover energy during braking and acceleration. That energy can be used to power refrigeration, for example.

Paul Monroe from SMAP Energy: SMAP Energy provides a Saas platform for utilities that analyses consumption data using machine learning and AI. Their solution will help accelerate the transition to smart energy. In the early stage of the start-up, EIT Climate-KIC supported the company with funding and coaching through their accelerator programme.

Ellenor McIntosh from Twipes**:** The world currently consumes 5.8 million tonnes of wipes annually. Yet, 'flushable' wipes are marketing gimmicks and they just clog the drainage systems! Twipes are eco-friendly toilet wipes. **–** Twipes are anti-bacterial, alcohol-free and paraben free, they don't dry out and most importantly, each Twipe is 100 per cent dispersible in water within three hours, unlike traditional 'flushable' branded wipes that can take up to three months or even years. Twipes won the country final of the 2016 ClimateLaunchPad competition from EIT Climate-KIC.

Dimitrios Terzis from MeduSoil: Medusoil developed the world's first soil bio-reinforcement technology to mainstream construction problems. By coupling traditional construction practice with disruptive biochemical carriers they reduce application costs, minimise equipment requirements and secure long-term resistance against failures and environmental threats. In 2017, MeduSoil won the second prize in the Global Final of ClimateLaunchpad competition. They were also selected as one of 30 top cleantech start-ups ready for investors by EIT Climate-KIC.

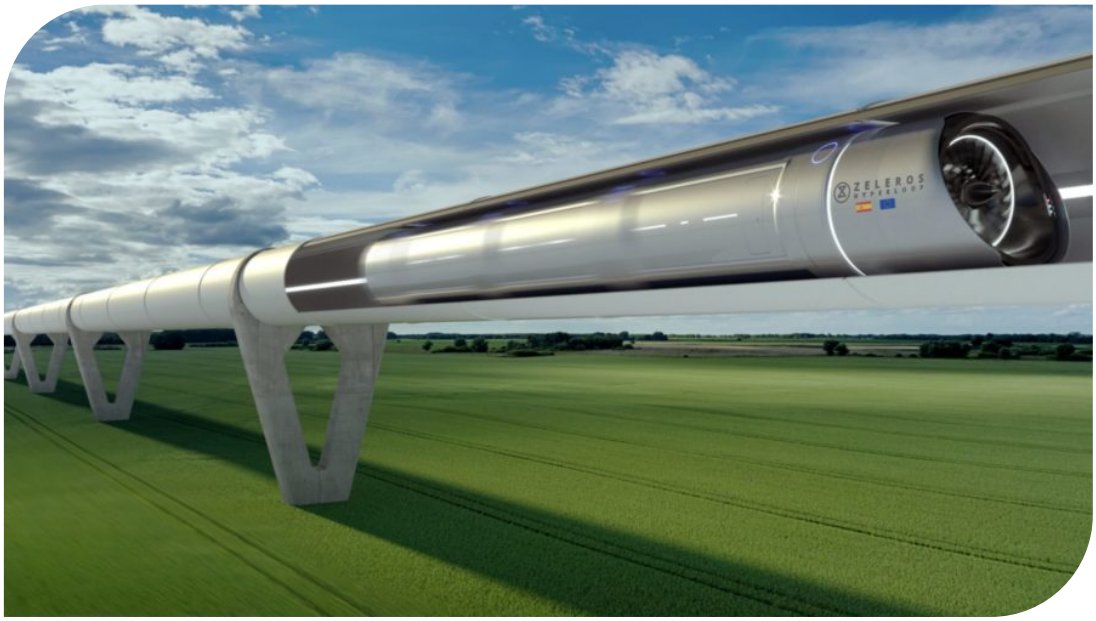
Lilium completes funding round worth over €224 million

March 2020 - EIT Climate-KIC supported Lilium, a Munich-based aviation company developing an all-electric, vertical take-off and landing aircraft for regional air mobility, announced the completion of an internal funding round worth over €224 million. The round was led by Tencent, with participation from other existing investors including Atomico, Freigeist and LGT.

The new funds bring the total sum raised to date to more than €312 million. They will be used to support further development of the Lilium Jet as well as underpinning preparations for serial production in Lilium's newly-completed manufacturing facilities.

As well as designing and manufacturing the Lilium Jet, the company plans to operate a regional air mobility service as early as 2025 in several regions around the world. It recently celebrated the completion of the first stage of flight testing, with the five-seater Lilium Jet demonstrator flying at speeds exceeding 100 km/h.

Zeleros raised €7 million for the development of hyperloop in Europe



June 2020 - EIT Climate-KIC supported Zeleros Hyperloop has completed a financing round worth over €7 million. The company starts a new and important phase in the development of its unique version of hyperloop - "the fifth mode of transport" - a zero-carbon alternative for the future, enabling the connection of long-distance routes for passenger and cargo transportation. Connections like Paris to Berlin could be reduced to less than an hour.

Commenting on the announcement, David Pistoni, EIT Award Winner and Chief Executive Officer at Zeleros, said: "*For Zeleros, it is key to have partners of this relevance and expertise onboard. Their support will accelerate the development of our technologies, unlocking the path towards hyperloop-based routes and corridors in Europe and worldwide.*" He continued: "*These new funds will boost a major milestone of developing and demonstrating our technologies in a real environment of operation, bringing Zeleros closer to a multibillion market opportunity to be captured in the next decades.*"

The next step will be the deployment of the European Hyperloop Development Centre in Spain, including a three kilometre test track to demonstrate the effectiveness of its technologies at high speed. The aim of this project is to accelerate the development of the hyperloop industry in Europe, by creating an ecosystem of international industrial, technological and institutional partners.

Zeleros was part of EIT Climate-KIC's Accelerator. EIT Climate-KIC has supported cleantech start-ups over the ten years of its existence. Now, the organisation is developing a response to the climate emergency based on whole systems innovation tackling finance, land use, industry and cities. Innovative companies like Zeleros form a key part of this systemic change approach, in this case, offering a technology with the potential to transform European travel towards net-zero.

Climeworks raised over €67 million in June to expand its carbon dioxide removal capacities

June 2020 - Climeworks, the world leader in capturing CO2 from air, supported by EIT Climate-KIC, has successfully raised €67 million (CHF 73 million) in equity from private investors. The funding will help to drive forward the company's scale-up roadmap and expand its carbon dioxide removal capacities.

Founded by engineers Christoph Gebald and Jan Wurzbacher, Climeworks is one of the global leaders in carbon dioxide removal. The company's patented technology captures CO2 directly from the air using clean energy. The air-captured carbon dioxide is then either returned to earth, stored safely and permanently away for millions of years, or it is upcycled into climate-friendly products such as carbon-neutral fuels and materials, fertiliser for greenhouses or bubbles in your fizzy drinks. The Climeworks direct air capture technology runs exclusively on clean energy, and the modular CO2 collectors can be stacked to build machines of any size.

The successful financing round takes the Swiss company, which went through EIT Climate-KIC's Accelerator programme in 2012 and 2013, another step closer to achieving its vision of capturing one per cent of global CO2 emissions by 2025. This new round of funding brings the total sum invested in Climeworks since it was founded in 2009, to over CHF 120 million and will be used to expand Climeworks' carbon dioxide removal capacities, help to further scale and optimise the direct air capture technology and make it accessible to more stakeholders.

Climate LaunchPad

October 2020 - More than 3,000 entrepreneurs from 56 countries participated in the ClimateLaunchpad 2020. The global climate competition took place online from 30 September to 2 October. The winner, Cassetex, is a solar-powered battery swapping service for electric 3-wheelers in Bangladesh. The team hopes to transition more than one million vehicles and save 0.47 megaton of CO2 per year. "*Being amongst the top start-ups in the world is a tremendous recognition for Cassetex and Bangladesh. The transport sector is one of the biggest contributors to climate change and one of the toughest sectors to bring change to. We are humbled by this award, and we hope it will help us solve the critical challenges in the transport sector in Bangladesh*," says Gopal Kumar Mohoto, Co-Founder and CTO of Cassetex.

Second prize goes to Sosei, from Uruguay, a company that provides tailored solutions to help farmers and agricultural companies ease into regenerative agriculture while optimizing profits and minimizing risks. In third place comes Carbon Craft Design, a Mumbai based design and material innovation start-up building architectural and interior products by upcycling carbon emissions.

In an opening video broadcasted on Thursday, European Commissioner for Environment, Oceans and Fisheries Virginijus Sinkevičius said the climate crisis was the defining task of our generation, and that there was no time for short term fixes. "*Investing in green growth pays back and will help to build back better*," he added, also highlighting the holistic approach of ClimateLaunchpad. Rowan Barnett, Head of Google's philanthropy Google.org EMEA and APAC, and David Pistoni, Co-Founder of Spanish hyperloop company Zeleros also participated in a discussion with EIT

Climate-KIC's CEO Kirsten Dunlop on how to harness the power of technology, systems innovation, and entrepreneurship to accelerate the green recovery.

"*The winners of this year's ClimateLaunchpad Grand Finale are absolutely inspiring,*" says Kirsten Dunlop. "*The competition shows how many entrepreneurs have the expertise, the ingenuity and the dedication to help us tackle the biggest climate challenges. ClimateLaunchpad offers green entrepreneurs from all around the world the chance to transform their best ideas into a company, a product, and jobs for people in their community. The programme was able to flourish once again this year and I look forward to seeing this innovation community continue to grow and become stronger in the coming years.*"

A total of 972 entrepreneurs completed a self-paced online learning curriculum this year, while 780 start-ups participated in a full training programme globally. Winning teams of National and Regional Finals were invited to compete in the Global Grand Final, resulting in 68 teams pitching in front of expert jury panels this week.

Celebrating outstanding climate innovators, ClimateLaunchpad winners were chosen by an international jury that looked at the business potential of the finalists' idea as well as the social impact, job creation, climate impact and the quality of their pitch. They were categorised in eight main themes: Resilient Regions, Climate-Friendly Food, Healthy Clean Cities, Circular Economies, Clean Energy Systems, Sustainable Mobility, Cleantech, and The Next Big Thing. The top 16 teams selected by the jury to perform in the Final Round of the Global Grand Final will get direct access to the EIT Climate-KIC Accelerator programme for climate positive start-ups.

More detailed information on all finalists and their start-ups can be found on https://globalfinal.climatelaunchpad.org.

Climathon 2020: Citizens across the globe are eager to contribute to a post-COVID sustainable recovery

November 2020 - Over 4,500 citizens from around the world joined forces and took action as part of EIT Climate-KIC's Climathon 2020. The programme unites policymakers, entrepreneurs, youth, business leaders, hackers, academics, students and professionals in tackling the defining climate challenges of their cities– from urban planning to waste, circular economy, green infrastructure, sustainable food

and mobility. The 2020 edition of Climathon was hosted completely online and was made up of 100 ideathon events lasting from eight to 72 hours happening simultaneously across five continents. Many of the teams were determined to bring to life ideas that can contribute to a sustainable recovery from the COVID-19 crisis. In Zurich, Switzerland, for instance, teams tried to answer the question "*In the context of COVID, what can we do tomorrow?*". Whereas in Cali, the most populous city in southwest Colombia, participants created concepts on how to better manage the waste generated by COVID-19 such as gloves, face masks and eye protection.

Kirsten Dunlop, CEO, EIT Climate-KIC said: "*Cities and their citizens are already experiencing the devastating and damaging effects of climate change. As centres of scientific, technological, cultural and social identity and innovation, cities are also the places and spaces where opportunities for creating change can have the greatest impact. Climathon is designed to empower citizens to make change in their own cities. By offering people a platform where they can come together in their own community to put forward innovative ideas to local decision-makers, Climathon provides citizens with an opportunity to design the future.*"

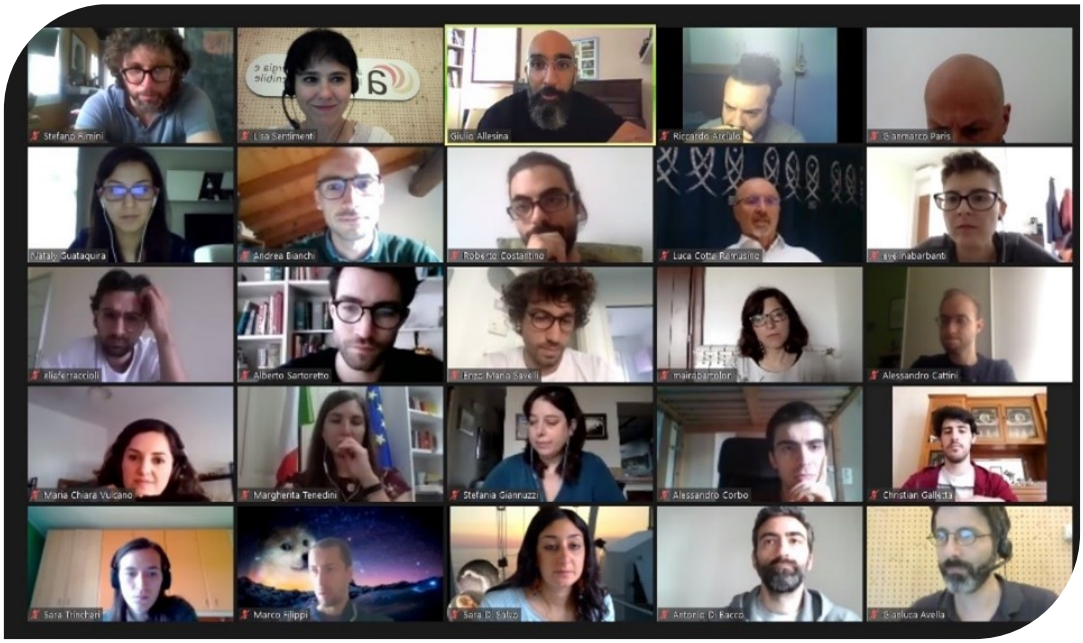
Since the first Climathon, which took place in the run-up to the historic COP21 negotiations in Paris in 2015, the event has grown to be the world's biggest international climate change ideathon. In 2019, a record-breaking 6,500 participants took part in the events in 56 countries spanning six continents. A number of cities will participate for the first time this year including Accra (Ghana), Bogota (Colombia), Buenos Aires (Argentina), Islamabad (Pakistan), Lima (Peru), and Montevideo (Uruguay).

Gabriela Gandel, Executive Director of Climathon co-organiser Impact Hub said: "*Our global community and support programmes have shown us how the post-pandemic world can address the two most urgent global issues of our time: inequality and climate change. By partnering with EIT Climate-KIC and having 19 Impact Hubs running Climathons in 2020, we are supporting and empowering the critical work of impact-driven entrepreneurs and citizens who are focusing on solutions to climate issues. We believe that strong cross-sector collaboration, funding, and joint action are how we will accelerate solutions and reach the impact that the world needs to see.*"

The full list of participating cities and challenges in 2020 is available here.

2.5 Education

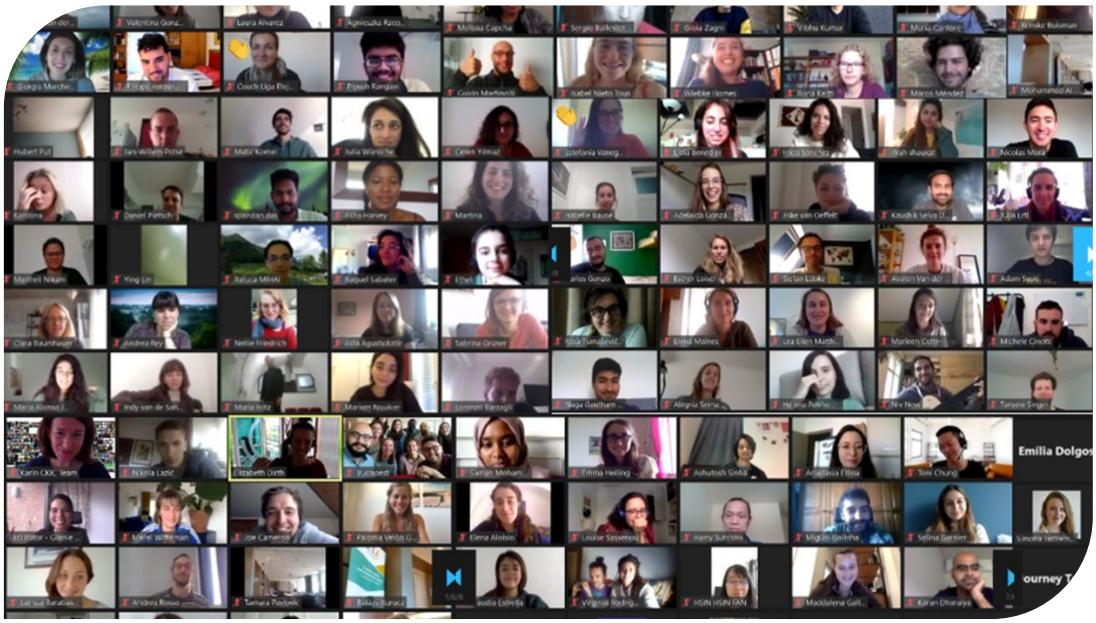
Pioneers-into-Practice



June 2020 – EIT Climate-KIC and partners delivered Pioneers into Practice – a transformative systems innovation learning experience connecting professionals across Europe in 19 countries. More than 200 individuals – climate change professionals and around 125 organisations were engaged in the systems innovation e-learning, workshops, group projects and placements. Learning about EIT Climate-KIC's systems innovation approach, practical tools and techniques in systems innovation as well as international networking opportunities. Responding to COVID-19 the programme was redesigned to support online delivery – which resulted in several opportunities to experiment, e.g. with Europe-wide, interactive online events (200+ attendees), online placements and an International Workshop open to the public. Lisa Sentimenti (AESS), Local Manager Italy, summarizes her learnings from adapting this year´s programme to the pandemic here.

Melanie Amato, 2020 programme participant, said: "*The Pioneers programme was the most important step of my professional career so far and systems innovation thinking has helped me successfully tackle challenges ahead. The programme is full of opportunities – it widened my perspective, introduced me to impressive contacts and helped me grow as a professional and as a person. I recommend Pioneers to anyone willing to step out of their comfort zone – you need to be open-minded because it may blow your mind!*"

The first fully digital EIT Climate-KIC Journey



August/September 2020 – What was first planned as a four-week summer adventure in 22 cities, evolved into an 8-week experience of meaningful online interactions, offline challenges and new, insightful approaches on how to change the world. The 2020 Journey programme offered participants a transformative educational experience, amplifying and accelerating climate action by training 400 young people to become effective change agents so they can create the systems transformation we need to see, now.

The 2020 Journey Community Summit took place online from the 24th-27th September. The summit was a culmination of the Journey experience, where all participants come together to connect in a unique networking and co-creating opportunity. During the summit, participants build on a common systemic vision and take collective action for climate.

Giulia Viero, Journey participant, said: *"The Journey experience taught me so much more than lectures about climate finance: it taught me how to interact with people in a productive and meaningful way."*

Soham Wrick Datt, Journey participant, said: *"The Journey has also definitely proven that it's possible to build your network, develop partnerships and do projects digitally, even if you're not meeting people in person."*

DigiEduHack

November 2020 - The second edition of the Digital Education Hackathon 'DigiEduHack' took place on 12-13 November 2020. More than 70 local grassroots events around the globe and an online main event have been organised. 2020's main event was hosted by the German Presidency of the Council of the European Union (EU), and was organised by Hochschulforum Digitalisierung, the German Academic Exchange Service (DAAD) and Technical University of Berlin.

DigiEduHack brings together different stakeholders to solve challenges for education and training in the digital age. Over two days, teams are invited to work together to come up with solutions to specific challenges related to the priorities of the Digital Education Action Plan or linked to the COVID-19 crisis. In 2020, the hosts were organising local hackathons in more than 30 countries. The finalist can be discovered here.

The event is an initiative of the European Institute of Innovation and Technology (EIT) under the European Commission's 2018 Digital Education Action Plan. It is led by the EIT Climate-KIC and coordinated by Aalto University in Finland.

EIT Awards

December 2020 - Two EIT Climate-KIC supported innovators won awards at its prestigious annual innovation prize. Chaitanya Dhumasker, MonitorFish (Germany) and Cristina Aleixendri Muñoz, Bound4Blue (Spain) were awarded the EIT Change and EIT Woman awards, respectively. Chaitanya Dhumasker also came second in the EIT Public award, which saw over 5,000 votes being cast online.

Andreu Martínez Climent, ACORYS (Spain), Filippo Bosco, BluSense Diagnostics (Denmark), and Karthik Laxman Kunjali, Stockholm Water Technology (Sweden) were also awarded top prizes out of 26 finalists, for innovations in the fields of climate, health, manufacturing and innovative energy.

In a virtual celebration of innovation, showcasing the achievements of successful graduates, entrepreneurs and innovators supported by the EIT Community, the 2020 EIT Awards winners were chosen by an international jury from 26 nominees competing in four categories. Recognising excellence in innovation, the nominees

showcased their cutting-edge products and services accelerating Europe's transition to a greener, healthier, and more digital future.

Mariya Gabriel, European Commissioner for Innovation, Research, Culture, Education and Youth said: "*It is clear that innovation will play a key role in Europe's recovery. The many bright minds and their technologies on show today further demonstrate that the EIT's unique approach to innovation is powering a new generation of entrepreneurs and services for Europe. My congratulations to all the finalists, and, in particular, the 2020 EIT Award winners!*"

The EIT Awards highlight the entire innovation pipeline powered by the EIT, from student to entrepreneur, from lab to market, and from idea to solutions for Europe. This dynamic innovation approach creates a unique environment where nominees develop and scale innovative solutions to tackle pressing global challenges in the fields of climate, energy, digitisation, food, health, manufacturing, urban mobility, and raw materials.

The EIT Awards celebrates the leading entrepreneurial talent including women innovators, start-ups, scale-ups, and innovative projects that Europe has to offer. Winners of the EIT CHANGE Award, the EIT Innovators Award, the EIT Venture Award, and the EIT Woman Award are awarded EUR 50 000, runners up receive EUR 20 000 and third prize EUR 10 000.

Chaitanya Dhumasker, MonitorFish (Berlin, Germany) and supported by EIT Climate-KIC won the EIT CHANGE Award. This award recognises top graduates from EIT education programmes. Chaitanya Dhumasker remarked: "*The education and exposure I received through the EIT Climate-KIC Master School truly fostered my confidence and passion to build a company that would drive positive change in the ecosystem.*"

Cristina Aleixendri Muñoz, bound4blue (Barcelona, Spain) and supported by EIT Climate-KIC won the EIT Woman Award. This award recognises inspiring female entrepreneurs and leaders driving innovation. Cristina Aleixendri stated, "*I am optimistic that we will be able to reverse the situation of women in tech and in entrepreneurship. If each female entrepreneur*

empowers two women to join the start-up ecosystem and supports them to become tech entrepreneurs, the increase in women in tech and entrepreneurship would not be incremental but exponential in base-2, which is what we need."

Watch the first interviews of all EIT Awards winners here.

2.6 EU Affairs

EIT Climate-KIC CEO selected as a member of the ESIR Group to advise the European Commission on the future of Research and Innovation

January 2020 - EIT Climate-KIC CEO Kirsten Dunlop was selected by the European Commission as one of 16 experts asked to provide independent advice on how future EU research and innovation policy can best support sustainable development and the Von Der Leyen Commission's priorities and EU Recovery and Resilience actions. The chair of this Economic and Societal Impact of Research and Innovation (ESIR) expert group is Sandrine Dixson-Declève, Co-president of the Club of Rome and member of the EIT Climate-KIC Advisory Council. The experts cover sustainability subjects from angles such as social and ecologic transitions, sustainable development measurement, innovation policies, higher education, youth, digitalisation, circular economy, governance issues and citizens' engagement. Most notably, they are asked to engage their relevant user communities to establish an 'ESIR Community' to help co-design the group's activities and outputs.

Commissioner for Innovation, Research, Culture, Education and Youth Mariya Gabriel said: *"These experts will address the most pressing societal challenges, and reach out to key players in the field of sustainability. I am confident that they will inspire us with new and fresh insights on how Europe can best design and implement a forward-looking research and innovation policy."*

Chair of ESIR Sandrine Dixson-Declève said:

"The establishment of ESIR is a testament to the Commission's commitment to address purpose-driven research and innovation with a focus on people, planet, and prosperity. I commend the Commission's future orientation and openness to working with global experts to help deliver a transformative EU research and innovation policy and Horizon Europe to ensure they are truly innovative, impactful and 21st century proof."

Based on a demand-driven approach, the group was charged with the following:

- Co-design policy briefs to provide European and national policy-makers with strategic advice on R&I and sustainability
- Organise outreach activities to fully engage with relevant stakeholders
- Foster policy experimentation to find new and more impactful innovative public policies
- Propose solution oriented-policy initiatives that address current grand challenges

The experts are appointed in their personal capacity and have been selected on the basis of the call addressed to individuals for the establishment of a database of prospective independent experts to assist Commission services with tasks in connection to Horizon 2020, the EU research and innovation programme. The group will initially run until 31 December 2021 and will cover Commission priorities such as the 'European Green Deal', 'An economy that works for people' and 'A Europe fit for the digital age.'

EU Taxonomy shows the way to net zero by 2050

March 2020 - The Technical Expert Group (TEG) on Sustainable Finance has released its final recommendations to the European Commission on the EU Taxonomy. EIT Climate-KIC was represented in the EU Taxonomy's work group by EIT Climate-KIC Advisory Council Member, Sandrine Dixson-Declève, and EIT Climate-KIC Head of International Affairs, Felicity Spors.

The EU Taxonomy is a classification tool, or list, of economic activities and performance criteria consistent with Europe's commitment to net zero carbon emissions by 2050 and building resilience to climate change. The Taxonomy provides the clearest picture yet for companies and investors of an economy that can fulfil Europe's 2030 and 2050 climate goals. It will help to grow low carbon sectors and decarbonise high emissions ones.

Transitioning to a climate-neutral economy by 2050 requires clear tools and guidance, reflecting scientific evidence and market experience, to give confidence to companies and investors to act. The TEG report provides updated sustainability criteria for 70 economic activities—including changes resulting from an open call for feedback in the summer of 2019. Economic activities such as electricity generation, urban transport, crop-agriculture and cement-manufacturing, if they meet the Taxonomy criteria, can be called 'environmentally sustainable' in financial products.

"*There are concerns the Taxonomy will create a green bubble of niche products. This could happen if a lot of sustainable finance products create a demand for sustainable assets, while the supply stalls due to insufficiently ambitious policies*," said Felicity Spors. "*However, given the Green Deal and the seriousness of the EU Commission on delivering sustainable finance, I think this is unlikely and the Taxonomy, if supported by clear and strong targets, will ensure we really see a shift towards sustainable finance.*"

By providing criteria for activities in sectors that produce 93 per cent of Europe's emissions, the Taxonomy is expected to vastly expand market understanding of the sustainable financing opportunities available today.

Under the recently agreed Taxonomy regulation (coming into effect in 2021), investors and companies will disclose the environmental performance of the activities they invest in, building confidence and assurance in the green economy.

"*The Taxonomy provides the finance sector with a list of green investment opportunities*," said Spors. "*Financial flows to these green areas will result in an investment boom in sustainable sectors and is expected to create lots of new jobs*."

The EU plans to include further economic activities in the Taxonomy in the future via a new Platform on Sustainable Finance, which is expected to be operating by the end of 2020. The first company reports and investor disclosures using the Taxonomy are due at the start of 2022.

This is the third report from the TEG and follows over 20 months of technical work involving more than 200 technical experts and two open consultations. The European Commission will now develop the legal instruments (Delegated Acts) to bring the Taxonomy criteria into legal effect.

EIT Climate-KIC selected to advise European Commission on sustainable finance

October 2020 – The newly created EU Platform on Sustainable Finance brings together 50 experts from civil society, industry and academia to develop sustainable finance policies and tools to tackle the urgency of the sustainability transition in Europe. In addition to Sandrine Dixson-Declève (Co-president of the Club of Rome and member of EIT Climate KIC's Advisory Council), who will sit as a permanent representative of the EU Platform on Sustainable Finance, EIT Climate-KIC will be represented by several EIT Climate-KIC staff members who bring expertise in biodiversity, circular economy, forestry and agriculture, amongst other areas.

For the next two years, the group will advise the Commission on the development of robust and science-based technical screening criteria for the EU taxonomy, the review of the Taxonomy Regulation, the monitoring and reporting of capital flows towards sustainable investments and sustainable finance policy development.

The establishment of the Platform is a component of the EU Taxonomy for sustainable activities, which focuses on classifying economic activities that are environmentally sustainable and will contribute to the implementation of the renewed Sustainable Finance Strategy currently being developed by the European Commission.

EIT Climate-KIC selected to become a member of the European Circular Economy Stakeholder Platform

November 2020 - EIT Climate-KIC circular economy expert, Cliona Howie, joined 23 other experts at the European Circular Economy Stakeholder Platform Coordination Group and represent EIT Climate-KIC and the Circular Economy Cross-KIC Initiative.

The transition from a linear to a circular economic model is an essential contribution to Europe's efforts to develop a sustainable, low carbon, resource-efficient and resilient economy. In addition to the 2015 EU Action Plan for the Circular Economy, the European Commission and the European Economic and Social Committee created the European Circular Economy (ECES) Platform in March 2017 with the aim to accelerate the transition to a circular economy.

The ECES Platform brings together a broad spectrum of organisations active in the field of the circular economy in Europe. The 24 members of the Coordination Group come from civil society organisations, business and trade union representatives, think-tanks, research centres and public bodies that have a stake in the circular economy.

The aim of the ECES is to drive the circular economy in the Member States, in regional and local governments, and among civil society organisations and businesses. It also serves to strengthen cooperation among stakeholder networks to facilitate the exchange of expertise, good practices, knowledge and lessons learnt in the circular economy, and to identify social, economic and cultural barriers to the transition towards a circular economy with the intention of informing policy at all level of governance.

The Platform provides a meeting place for stakeholders to share and scale up effective solutions and address specific challenges. It bridges existing initiatives at the local, regional and national level, and supports the implementation of the circular economy in Europe.

See the full list of members here.

European Union launched Pact to support citizen-led climate action

December 2020 - In December 2019, the European Commission presented the European Green Deal, the EU's plan for a fair, healthy, sustainable and prosperous societal transformation. However, the success of the Green Deal will hinge on whether citizens, communities, companies and organisations can play their part, alongside government policies and regulation. There is also a demand for stronger action coming from citizens and, building on the momentum of the youth movement, public opinion surveys show that nine out of ten Europeans see climate change as a serious problem. The Climate Pact has been designed to meet this challenge and enable everyone to work towards building a greener Europe. "*One year ago, the European Commission announced the European Green Deal, its plan for a net zero future for the EU. But it's clear that many of the solutions proposed in the Green Deal will need strong buy-in from local communities, schools and businesses in order to succeed*," said Helen Spence-Jackson, Head of EU Affairs at EIT Climate-KIC.

"*The launch of the Climate Pact recognises this, and it is fantastic to see the role of social innovation and citizen activation featuring so strongly. At EIT Climate-KIC, our diverse innovation network of stakeholders have a clear opportunity to contribute to the delivery of the Pact and help accelerate climate action.*" The Pact will provide a space for citizens to work together to tackle climate change and environmental degradation, and to understand the opportunities that come with decisive action and sustainable lifestyles. It aims to connect different sectors of society, including regions, local communities, civil society, industry and schools, and to work alongside existing initiatives, movements and networks.

EIT Climate-KIC supported start up, Ecoworks, spoke at the official launch of The Pact on Wednesday 16 December and EIT Climate-KIC held an official side-event to the Climate Pact launch in partnership with EURACTIV. The conference, called 'How to talk climate? Engaging all EU citizens in the climate discussion' was moderated by journalist Brian Maguire, and speakers included Clara De La Torre, Deputy Director-General, DG CLIMA, European Commission, Lídia Pereira, MEP, European Parliament, Julian Popov, former Minister of Environment of Bulgaria, member of the Advisory Council of EIT Climate-KIC, George Marshall, Founding Director, Climate Outreach, Julian and Julia Fiedorczuk, Co-Founder of the School of Ecopoetics.

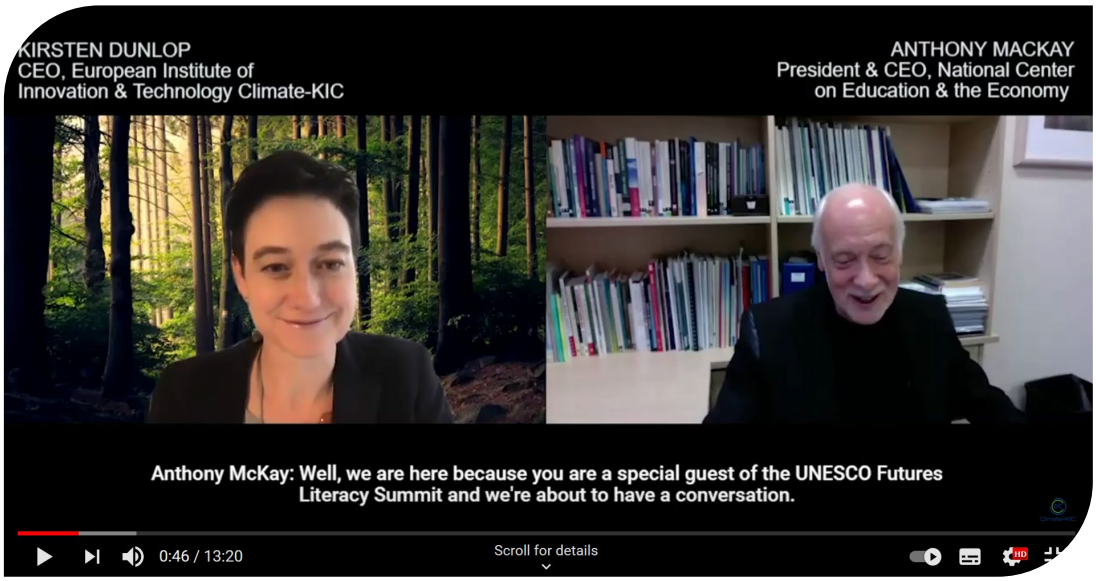
2.7 Communications and Outreach

In response to the most significant citizen-led climate activism in history, our 2020 plans were created to meet growing demand for systemic solutions to the climate emergency. The overarching goal in 2020 was to leverage communications and outreach to support EIT Climate-KIC's mission and raise our profile as an innovative, mission-driven organisation, helping Europe to lead a new phase of climate action focused on systems transitions. The profound effects of COVID-19 should not be omitted, indeed our community's commitment to the mission – and willingness to adapt activities to deliver impact despite extraordinary constraints – has been an inspiring testament to human resilience and ingenuity. And this, in itself, made our community stories all the more worth telling.

To that end, we published more than 120 news stories, features, case studies and people profiles for our content platform, Innovation Review. In support of raising the demand for systems transformation, these stories embrace or connect to the systems perspective. A series of in-depth systems stories for our Deep Demonstration Content Hub captured the voices and testimonials of credible and influential partners and spokespeople, helping to attract ambitious new collaborators and funders into our portfolio of activities.

In the reporting year, EIT Climate-KIC had more than 5,300 media mentions across Europe and beyond. Articles appeared in 89 countries and in 35 languages. Our work was featured in news articles such as the Financial Times, Reuters, Irish Times, CNBC, Forbes, Korean Times, Malaysia Today, and Times of India. Additionally, we have built up strong social media channels, with a following that now tops over 202,000 across Facebook, Twitter, Instagram, and LinkedIn. Just our central corporate communications channels created over 2m impressions on Twitter and 2.5m impressions on LinkedIn.

Climate literacy in focus



In 2020, we worked extensively on climate literacy with the aim of improving the quality and increasing the inclusivity of climate discussion in Europe and beyond. Our goal was to enable European citizens to talk about climate, and more broadly to get people to think about and to act in response to the climate crisis.

We have therefore organised and taken part in several workshops at the UNESCO High-Level Futures Literacy Summit (8,000 participants) to contribute to creating images of the future that inspire hope and foster collaboration. We have also supported a EURACTIV debate (438 viewers) on how to engage all European citizens in climate discussion. In Poland, 250 people joined an event we organised on how to communicate the climate crisis. We also supported Climate Outreach's #TalkingClimate Workshop, a training guide enabling people to run workshops training participants in how to have more meaningful conversations about climate change in daily life.

3. Our 2020 Climate Champions

Over five years on from the signing of the Paris Agreement at COP21, and after one of the most difficult years for climate action in recent history, we celebrate five individuals that remind us of the power of the people in the climate movement. In the shadow of COVID-19, political turmoil and the emergence of timelines more pressing than originally modelled by scientists, the challenge could seem more daunting than ever. The systemic nature of the problem has also revealed itself, and the way in which climate change is connected to issues of racial justice, gender, health, our economies, infrastructure and wellbeing. But that doesn't mean there hasn't been progress, and that's because of the people who make up the climate movement – individuals who over the last year, or five years, or for even longer, have continued to drive the transition forward with ambition, innovation and energy.

3.1 Melissa Capcha

Melissa Capcha is originally from Huancayo, in the central highlands of Peru. She has worked in the climate space since 2012, contributing to projects in Hungary, Costa Rica, Indonesia and Ghana. She is president of the Perú-based NGO Centro de Innovacion Climatica y Sostenibilidad, or The Centre of Innovation for Sustainability

and the Climate, and this time five years ago she was at COP21 watching the agreement unfold. "*It was the most glorious and rewarding experience I've ever had as a climate activist*," she recalls. Melissa was in Paris as a representative of the civil society group of the Peruvian government, and despite the long hours, hard work and pressure that comes with the annual negotiations, she says she felt like the moment had "*finally arrived*" for her and other young people around the world. At last, they had an agenda they could take to their leaders in the effort to combat the threat of climate change. "*I remember the feelings of hope I had the day the countries of the world reached an agreement and signed*," she says. "*It was a symbol that decision makers were finally deciding to act together to save humanity.*"

Today, Melissa lives in northern Germany, where she is doing a Masters in Sustainability, Society, and the Environment at the University of Kiel. This summer she participated in EIT Climate-KIC's summer school programme, The Journey, and on December 12 2020, five years on from Paris, she'll be participating in the EIT Climate-KIC Alumni meeting. "*It is an incredible coincidence*," she says. "*… but having the Alumni meeting on that day reminds me that we are many that want to fight for a better world.*" She says that compared to 2015, she feels like the climate coalition has grown exponentially. "*I'm looking forward to commemorating the anniversary of the signing of the Paris Agreement alongside talented people and other fighters from the EIT Climate-KIC community, especially as COP26 – a key moment for the Paris Agreement – was postponed this year due to COVID-19.*"

COVID-19 might have slowed down political negotiations in 2020, but it didn't put the brakes on Melissa's contributions to climate action. As well as her Master's thesis on reducing emissions and greenhouse gases in the construction sector, this year she has been working with a pan-European team of other summer school participants to develop a project called Urban Click, which focuses on tackling construction and demolition waste in cities.

Separately she also has an individual project, a virtual game that tackles construction waste and the circular economy called 'Cities are material banks'. The initiative was recently selected to receive funding from the EIT Climate-KIC Alumni Micro-Award. "*Innovation plays an important role in promoting solutions to climate change*," she says. "*But with innovation, and especially technology, we must take into account the impact on people and quality of life. All earth's resources are not renewable, and many are scarce due to over-exploitation. Technological innovation should not promote these systemic patterns.*"

3.2 Gopal Kumar Mohoto

Gopal Kumar Mohoto is part of the leadership team at Cassetex, a Bangladeshi start-up that in October won the global EIT Climate-KIC ClimateLaunchpad finals – much to his own surprise. "*No team from Bangladesh has ever participated in this competition before, let alone reached the global grand finale and nailed it*," says Mohoto. All Cassetex's founders are from Bangladesh, a country that has deployed more than 1 million electric three-wheelers across its small towns and cities. The vehicles have played a critical role in the economic growth of local communities and set a precedent in the developing world for the transition to cleaner 'last-mile' transport.

There has been a flip side however to this fossil fuel-free boom, with the large number of electrically charging vehicles placing a substantial burden on the national grid. Cassetex responded by building a solar-powered battery station, and their business model offers pre-charged batteries that drivers can swap multiple times a day. By shifting the charging power to solar energy, the burden on the grid is significantly reduced. The team said they were "*humbled*" by winning the award, and hopeful that it would help them solve some of the critical challenges facing the transport sector — one of the biggest contributors to our changing climate.

"*Bangladesh is one of the nations that has been identified as being most vulnerable*," says Mohoto. He adds that increased sea-levels are already affecting the quality of

farming in coastal areas, and there is evidence of climate change-influenced migration from rural areas to urban centres happening at an unprecedented rate."

"*We should have found a way to listen to the scientists a long time ago – it's so sad*," he says. "*A change in thinking has started but it's time to think about sustainability in industrial and domestic scenarios, without delay. As a common citizen, the only way forward I see is to take rapid action, right now, wherever we can. And as an engineer and a researcher on renewable energy, in my solutions I am always seeking a balance between technological growth and the environment.*"

Cassetex wasn't Mohoto's only contribution to climate action and innovation in 2020. This week marks the fifth year since COP21 and Mohoto recalls that five years ago, when the Paris Agreement was being signed, he was in his hometown of Rangpur researching ways to integrate solar body parts into automobiles. At the time he had "*no idea where it would end up*," but this year he found out that the Solar Impulse Foundation awarded the finished work its Efficient Solution Label, a critical accolade from an organisation that is a well-known ambassador of the Paris Agreement. He says that in the five years since Paris there has been a slow spill of climate awareness into general society in Bangladesh, and small to large-scale businesses are gradually taking up more solutions to reduce their environmental impact. Like everywhere, young people have also recently been galvanised to solve climate change issues. But as people on the frontline, Mohoto says Bangladeshis have always been vocal about issues related to climate change. The vast majority of ordinary citizens, if not theoretically educated, are observant about climate issues and the societal and economic impacts.

The country has also benefited from Prime Minister Sheikh Hasina's presence and leadership on the global stage. Hasina is currently the Chair of the Climate Vulnerable Forum, and in 2015 she received the UN Champions of the Earth award in recognition of Bangladesh's work in climate change mitigation and adaptation.

"*We have the tools needed to fight climate change. The only thing we need is a strong mindset*," says Mohoto. "*Even with Cassetex, yes, it's true we've taken a great leap through the ClimateLaunchpad event, and we have validated our idea into a profitable business model with prototyping – but I don't feel good about this year. We had a big*

business plan for 2020 and were unable to execute it. When we pass through a tough time naturally our mind starts to think negatively. But now it's our responsibility, so let's find ways to take action within our abilities. We are running out of time to act on climate. We cannot afford to wait."

3.3 Cristina Aleixendri Muñoz

When the Paris Agreement was signed over five years ago, Cristina Aleixendri Muñoz and her team had just launched their company. "*We were working from a little warehouse, trying to raise the first round of funding for bound4blue. I remember it because we quickly realised the maritime industry was left out of the 2015 negotiations*," she recalls. That was before the young Spanish engineer made it to Forbes 30 under 30 2019 list and became one of the most influential young women in the manufacturing and industry world. "*When I was younger, I thought the only way to have a positive impact in the world was by saving lives, so I wanted to become a doctor.*" But as she grew up, Cristina realised that she loved solving problems, and one of her professors encouraged her to study engineering. "*I didn't realise until the end of my study the extent of what I could do. I thought I'd be launching space shuttles.*"

As her awareness of climate change and the impacts of the maritime industry on the environment grew, Cristina understood she could apply the space technology she was getting acquainted with to the maritime and shipbuilding industry.

By co-funding bound4blue, the young woman embarked on a career one of the most male-dominated sectors. "*I didn't realise at the time, but only two percent of the world's seafarers are women. Had I known, I would have jumped anyway. But the industry is changing fast nowadays.*"

In Barcelona, Cristina and the bound4blue team have developed a system that uses the wind to power ships, thereby saving fuel and emissions. Their solution is contributing to decarbonising the shipping industry and making it more sustainable, a critical goal when emissions from international shipping are expected to rise 50 to 250 per cent by 2050 if no action is taken, according to the International Maritime Organization. In 2019, the company took part in the EIT Climate-KIC Accelerator programme in Spain. "*It really helped us with financing, mentoring, and training,*" says Cristina. "*It also gave us access to a global network of investors, and helped us increase our media outreach,*" opening the doors to bring more capital into the company, so that the team could continue to develop the next phase of the project.

2020 brought its share of hardships to the team. "*The COVID-19 crisis caused delays in our manufacturing process, as our main suppliers were based in places that were severely impacted by the spread of the virus. It seemed like the entire industry was paralysed for months,*" explains the engineer. The drop of the oil prices in March also gave an advantage to fossil fuels and came at a critical time, as the team was then trying to raise a new round of funding for their products. "*Investors were more reluctant as our technology, which is profitable, doesn't make as much sense in a world where fuel is free.*"

However, in August, bound4blue was selected to receive European recovery funding as part of the EIT Crisis Response Initiative. This sent a positive message to the market and contributed to restoring confidence in the project, allowing the team to close 3.5 million euros of the 5 million euros funding round that they had opened. "*It gave us fuel to keep going during these months,*" says Cristina.

In the end, 2020 was a year of great accomplishments for bound4blue. The team successfully finished the development of their technology and started to deliver the first units to their customers. "*The COVID-19 crisis has shown that we have to rebuild the economy in a more secure way. To me, it even gives us an opportunity to solve climate*

change," says Cristina, who was also distinguished by the FEDEPE (Spanish Federation of Women Managers, Executives, Professionals and Entrepreneurs) and won EIT Awards 2020, a prize that recognises the most promising entrepreneurs and innovators in Europe.

Since the Paris Agreement was signed five years ago, the International Maritime Organization (IMO) has agreed it needs to act to make the sector comply with the landmark climate deal. "*Climate change is outpacing us, there is no time for excuses. The technology, including renewable energy, is ready, efficient and cost-effective, we must now deploy it on a much larger scale*," concludes Cristina.

3.4 Kit England

Growing up in a little place outside of Norwich in East Anglia (UK), Kit England has always had a very strong connection with the natural environment. After pursuing his studies in law, he realised that he wasn't really made for that world. What he really wanted was to focus on the environment, but he didn't know where to start. So he went to South America and spent three months planting trees in the Ecuadorian cloud forest. "*That was absolutely fantastic and beautiful, but it was also*

upsetting because while we were planting trees, we were witnessing the illegal logging going on along just across the way. As many trees as we were planting, companies were taking out more," he recalls.

Nevertheless, Kit came home with a better idea of what career path he wanted to pursue. Today, he is a manager at the Scottish sustainability charity Sniffer and manages Climate Ready Clyde – a coalition of 15 organisations working to adapt to climate change in Glasgow City Region (GCR). Within this, he is one of the team of Clyde Rebuilt, a project supported by EIT Climate-KIC that is pioneering new approaches to building climate resilience. Climate change will cause more frequent and intense flooding, heatwaves and coastal erosion along the Clyde river. Besides the economic damages that this will lead to, climate has a compounding effect on the health, financial stability and wellbeing of the most vulnerable populations, which will deepen social inequalities.

"*Incremental changes will not be enough for what citizens are about to experience*," says Kit. The idea behind Clyde Rebuilt is thus to think about climate from a systemic point of view. "*When we started at the beginning of the year, transforming the region sounded like a good idea theoretically, but we had to figure out what would need to happen in the Region to make real and tangible changes for the population.*" Although the world has thrown a range of different challenges at the Clyde Rebuilt team this year, Kit says they're now starting to have a good idea of how they might go in achieving transformational change for the Glasgow City Region.

The COVID-19 crisis has affected everyone working on Clyde Rebuilt in one way or another. Just as the project was starting up, like many others the team was suddenly forced to work from home. Some team members had to home-school their kids, others have had COVID-19. "*But in the end, I'm proud to say we've supported each other so everyone has risen to the occasion. We've harnessed digital tools to still be collaborative and creative, and we've set up the foundations for something that is really big and powerful for the next few years*," Kit commends. This bedrock is Glasgow City Region's first Climate Adaptation Strategy. Released in draft November 2020, it seeks to ensure the region's economy, society and environment is not only prepared for, but continues to flourish in the face of the impacts arising from the climate.

"*COVID-19 reminds us that things we think are unlikely to happen can happen and they have very big consequences*," says Kit. Experts warned of a pandemic for decades, yet we didn't see it coming, and the same is happening with climate change. "*A lot of*

evidence and research tells us that climate is going to have a big impact in the world, yet we haven't fully acknowledged that it's coming."

For Kit, societal resilience is key to solve both global issues, as the actions that build our resilience to shocks like the COVID-19 crisis can also reduce our vulnerability to climate hazards. Brexit was obviously another thing on everyone's mind at Clyde Rebuilt this year, and a lot of uncertainties remain when it comes to funding of projects like this one. "*But Brexit doesn't really change the fundamental need to cooperate locally and across Europe and beyond to develop solutions to the climate crisis, and it hasn't diluted any of our ambitions" says Kit. "The scale of what we need to achieve hasn't changed and the Glasgow City Region still needs an ambitious approach to adaptation. We will just have to navigate the turbulence along the way.*"

Kit recognises that a lot has changed since the Paris Agreement was signed in 2015. At that time, climate action was very negatively framed. Many people thought it would cost jobs and would require them to sacrifice their quality of life. "*Over the past five years we've seen that transform, there is now a strong understanding by people, businesses, governments that climate action is not only good for the health of our planet but also for us. By mitigating and adapting, we're going to create new jobs, new industries, and better-quality places to live*," concludes Kit.

The momentum coming up for COP26 – which will be hosted in Glasgow in November 2021 – is driving a lot of climate ambition in Scotland. Kit hopes that it will give the Glasgow City Region a platform to showcase to the rest of the world what's possible. "*As the host, we have to show the world what that ambition looks like. Member States pledge, and cities and regions deliver.*"

"*At the international level, I hope we will see a hardening of initial commitments and turning them into action. Because whilst its fantastic news that we are bending the emission curves and committing to resilience, in some sense that is the easy bits. What comes now is turning that into delivery on mitigation, adaptation and on climate finance*," he adds.

3.5 Melani Furlan

The social and economic impacts of the COVID19 crisis are already affecting millions of people across Europe, raising questions among governments about postponing sustainable regulations and climate goals. But for Melani Furlan, "*climate action cannot wait*". Melani is an electrical engineer, and during her studies at the Faculty of Electrical engineering in Zagreb she developed a passion for renewable energy sources and distributed generation, a technology that contributes to tackling the climate crisis.

Croatia had just 69 MW of total solar photovoltaic capacity installed by the end of 2019, which covers only one to two percent of the total energy consumption in the household sector. "*We're one of the countries that uses our potential the least*," says Melani. One of her first jobs was to bring renewable electricity to households living in remote areas with UNDP Croatia. Today, she is leading SOL4ALL, a project that aims to accelerate the transformation and regeneration of cities in Croatia through a community-led solar revolution.

Croatia has one of the highest unemployment rates in all of the European Union (7.11 per cent in 2020), so the SOL4ALL team designed a programme that would also contribute to tackling unemployment caused by the COVID-19 crisis. The team received funding from the EIT Crisis Response Initiative this year, which will help

them in achieving their goal of powering 1,000 homes in ten cities with solar PV systems. The project is led by ZEZ, a Croatian organisation that fosters the development of energy cooperatives and could lead to the creation of up to 8,000 local green jobs annually and build resilience in many communities.

Despite the national restrictions to avoid the spread of COVID-19, the SOL4ALL team managed to organise a Good Energy Tour in September to educate citizens and promote the use of renewable energy sources, with a focus on solar PV for households. "*We know the importance of direct communication when it comes to climate and energy awareness, so we were meeting citizens in city squares. We tried to answer all their questions and concerns about the use of solar energy, and we realised that the topic attracted a really big public interest*," says Melani.

In addition to these in-person meetings, COVID-19 forced the team to move online, which was really for the best. "*We launched an online platform in October. It's a digital tool where citizens can become part of the first cooperative procurement of solar PV systems in Croatia, which makes the procurement and installation of quality equipment more affordable, and where they can receive full support from the ZEZ team and our trusted solar entrepreneurs at every step of implementation of their PV system.*"

About 30,000 people visited the online platform within a month, and the team has already received more than 600 expressions of interest, from citizens who want to install their own solar PV system. If people are so keen to hear more about owning their own energy systems, it's because it has immediate benefits. "*They will see the difference in the first bill they receive once the solar PV systems have been installed on their roofs*," explains Melani. Citizens are also enthusiastic to be in control of where their energy comes from.

Since the Paris Agreement was signed in 2015, climate change awareness has slowly grown in Croatia. "*There are more projects coming from the academic and research space, but there is not much campaigning around the issue*", explains Melani. Through the direct interaction they have with citizens, the SOL4ALL team hopes to contribute to raise awareness in the country. "*We always stress the benefits that installing solar PV systems will have on the local community, the country and the planet, but the most important aspect for people remains their direct benefits.*" Still, people are always pleasantly surprised to learn that what they are doing for themselves contributes to a bigger goal.

For a rather small organisation like ZEZ, which counts 20 people today, the yearly UN climate conference is a big opportunity. The team had a booth to present the cooperative at COP23 in Bonn. "*We came back really inspired, and with a lot of contacts to start future collaboration with*," explains Melani, who is now looking forward to COP26 in Glasgow. In the meantime, the SOL4ALL will continue to work on the community-led solar revolution they have just started. "*We need to build a brand-new business model for solar energy*," says Melani. "*And it needs to have community as its core*." For the engineer, this could potentially transform the stagnating market of solar energy in Croatia. "*If the country wants to achieve its climate and energy goals, solar deployment needs a real boost*."

4. A glimpse into the 2020 Innovation Projects Portfolio

In December 2020, EIT Climate-KIC published a catalogue describing over 50 innovation projects supported in that same year. This snapshot of our portfolio can be downloaded here and offers information on partners involved, impact goals tackled, levers of changes affected and more. This chapter offers a glimpse into the descriptions of the report and represents a selection chosen to prompt you to discover our whole portfolio at https://climate-kic.cognitive.city. A practical video user guide (see here) shows you how to explore EIT Climate-KIC's collective body of work and how to get in touch with other innovators in our community.

An affordable housing district that sets the bar

Unsustainable, inefficient energy and transport systems, the ineffective use of public and private resources and a lack of citizen awareness are some of the main hurdles for EU cities in tackling climate change. Merezzate+ is a living lab that aims to integrate clean energy, energy efficiency, sustainable mobility and circular economy in a sprawling urban development project. The project seeks to boost the use of technical and socially inclusive solutions by integrating them into the affordable housing district, REDO Milano in southeast Milan. 615 of the project's 800 apartments are dedicated to social housing. The idea is to engage residents, local public actors, and stakeholders such as housing associations and utilities in co-designing user-centred activities to bolster their effectiveness, create community and foster grassroots initiatives. The knowledge gained from Merezzate+ will help guide similar initiatives in Milan and other European cities.

Read more: https://www.merezzateplus.it

Transforming the most visited square kilometre in Europe

This project transforms the most-visited square kilometre of Europe into a future proof, sustainable and prosperous area: Amsterdam's famous 'Red Light District' will shift from 'red' to 'green'. The Green Light District project activates the local community to co-create numerous projects, such as recycling hubs, retrofitting buildings for energy efficiency, wastefree shops or sustainable food bars. It supports sustainable initiatives by local residents and entrepreneurs to not only make the district greener – quite literally on pavements and roofs – but also to support social cohesion and a positive view of the historic neighbourhood. With a strong consortium of challenge owners, citizens, municipal authorities and sustainability experts, it aims for systemic change in an urban environment which is scalable to the national and European level. The project will also develop a digital tool that can support the transformation of other historic neighbourhoods through tailor-made advice and personalised roadmaps.

Read more: https://www.greenlightdistrict.nu

Future-proofing historic districts

The Sustainable Historic Districts project takes a holistic approach to addressing common challenges in the historic districts of six cities from five EU Mediterranean countries [Lisboa (PT), Valletta (MT), Savona (IT), Ptuj (SI), Nicosia (CY), and Sassari (IT)]. The districts share information on common issues such as narrow streets, protected historic districts, lack of green spaces, lower energy transition levels, gentrification and the lack of a sense of community. The aim is to transform them into more sustainable, climate-resilient and inclusive communities. Through this collaborative approach, the cities will create sustainable plans, designed together with their communities. This common framework will include solutions for mobility and access, housing and buildings, and circular and nature systems, bringing together communities, municipal governments, local businesses and others. A participatory process with stakeholders and residents will address the unique characteristics of each district and ensure plans remain effective over the long term. The joint learning process will enable cities to take bolder steps in delivering local transformation through potentially replicable models.

Read more: https://sustainablehistoriccitydistricts.wordpress.com

A space to promote district heating

In Europe, there is enough residual heat in to warm the continent's entire building stock and plenty of solutions to cut reliance on primary energy sources and thus C02 emissions. District heating, for example, pipes residual heat from a city's electricity production into local buildings. But its average heating market share is only 10 per cent. The Celsius 2.0 project aims to accelerate the energy transition by deploying smart and sustainable heating and cooling solutions in cities. Through its digital Celsius Toolbox, where stakeholders can connect, exchange ideas and foster innovation, the project supports knowledge-sharing and increases awareness of sustainable heating solutions. Celsius 2.0 also weighs in on European policymaking, supporting a legislative framework that empowers cities to pursue ambitious projects and policies that will reduce their carbon emissions footprint.

Read more: https://celsiuscity.eu

Scaling financing for net zero homes

Currently less than three per cent of all homes in Europe have an A-energy label (which does not equal zero emissions) and more than 50 per cent are labelled G or worse. This means almost all homes in Europe need to be renovated. Current renovation rates are below 1 per cent per year and usually not focused on (near) zero emissions. Financing the renovation of individual homes is key, as homeowners are often reluctant to take out loans or can't borrow the full amount needed. Loan repayments are also often due before borrowers reap full energy cost savings. RESETTLE! - The ecosystem for financing near-energy-neutral home refurbishments aims to create inclusive financing instruments that will catalyse the financing of net zero home retrofits and make them scalable. It incorporates the perspectives of homeowners, funders and suppliers to solve the financing challenge.

Read more: https://www.economicboardutrecht.nl/resettle

A modular system for rainwater treatment, storage and reuse

The growing urban population, together with more intense rainfall and extended droughts, present major challenges for urban infrastructure and the liveability of our cities. Enlarging the current centralised urban drainage and supply networks as a remedy is expensive and labour intensive. One solution can be Bluebloqs, a modular system for rainwater treatment, storage, and reuse. It combines biofiltration with aquifer storage technologies to achieve high treatment and recovery efficiencies. As a compact integrated system, Bluebloqs uses natural processes in a controlled manner, avoiding the need for large infrastructure. These small-scale circular water systems can be added to the existing infrastructure in urban retrofitting or development projects, enabling the transition to greener, cooler and water-resilient cities. This innovation was tested and implemented in a full-scale pilot application around the Sparta Stadium in Rotterdam in 2018. Four new demonstration sites will be implemented in different European cities to improve the technology further and to provide a thorough proof of concept for its commercial uptake.

Read more: www.circularwatersystems.eu

Better data on crop production

Today, agriculture and forestry together account for over 20 per cent of global greenhouse gas emissions and are major drivers of soil and ecosystem degradation. Companies in crop-based industries that set ambitious environmental targets to reduce their footprint face massive data challenges in their supply chain management. Environmental data for agricultural production systems can be incomplete, inconsistent or too generic to identify hot spots and evaluate interventions meaningfully. GeoFootprint eases the burden of manually collecting and analysing sustainability metrics. The programme displays the best sources of publicly-available environmental and crop production data on an intuitive and interactive online world map, delivering granular visibility (up to 10×10 km) that yields sharper insights for strategic decision-making.

Read more: https://geofootprint.com

Using blockchain technology to save water

The Sustainable Agricultural Practices and Incentives for ENvironmental Care Ecosystems (SAPIENCE) project deploys Internet of Things (IoT) technologies in the fields to monitor agricultural practices and creates a system that incentivises and rewards virtuous behaviours. In 2020 it focuses on efficient and sustainable use of irrigation water between different pilot sites, dedicated to the production of wine and horticultural products. Besides monitoring and actuating purposes, quite common in many agritech use-cases, IoT devices will also serve relevant data to a distributed ledger using blockchain technologies. These help to manage rewards and share profits amongst those farmers whose virtuous behaviour contributed to achieving water saving targets.

Read more: https://sapience.fbk.eu

Creating a perfect balance for nitrogen in soil

Nitrogen is currently an essential nutrient for plants to grow and thrive. Unfortunately, nitrogen-polluted groundwater and crops have negative effects on human health and our climate. The ability to predict the optimal amount of nitrogen to add to a field or parts of a field is key to preventing leaching into the ecosystem beyond. There is a strong relationship between the amount, type and timing of nitrogen application and the degree of nitrogen leaching. The objective of the Nitrogen Sensor for Soil Sustainability project is to demonstrate and implement a service for estimating and predicting nitrogen content in soil, so that the timing and amount of fertilisation can be optimised for crops – mainly focusing on cereals. The customers of this sensor/service will be farmers and companies offering services to farmers. These could significantly improve their Farm Management Information Systems with benefits for the farmer and environment alike.

Read more: https://nitrogensensor.eu

Replacing soy in animal feed

DryGro is an agriculture technology company that has developed a new way to grow an animal feed protein ingredient called lemna. Lemna is a perfect supplement to the current industry standard for animal feed protein, soy. The project aims to tackle the global scarcity in protein ingredients for animal feed. This scarcity is currently

especially acute in countries like Kenya, where it is difficult and expensive to obtain high-quality ingredients. Over the next few decades, this will become a much larger problem, as production will simply be unable to keep up with demand. To increase soy production capacity, rainforests in Brazil might be clear-cut. The technology for producing lemna allows DryGro to address this problem in two ways. First, lemna can grow on arid land that is currently not suitable for crops. Second, it grows at a much higher productivity rate than soy – at scale, over 10 times greater per unit area. Thus, this technology can reduce demand pressure on local soy markets and limit the need for mass deforestation.

Read more: http://drygro.com

Cutting emissions in the fruit industry

Fruit supply chains are already experiencing the negative impact of a warming climate and environmental degradation, particularly of soil. Early and erratic crop flowering, the reduction of fruit quality, the emergence of new diseases and water supply issues, as well as rising demand for inputs to sustain production all present unique challenges. Current fruit crop production uses high levels of polluting products in the form of pesticides and fertiliser. Sustainable initiatives like water management, improvements in soil quality, biodiversity protection and carbon capture can reduce greenhouse gas emissions across supply chains in the sector. The Friendly Fruit project aims to test environment-friendly agricultural practices in various regions and set up an appropriate structure to define, test, and promote them, starting with strawberries and apples. Several innovations are being introduced, such as pest-resistant and high-performing fruit varieties, mechanical weeding systems intended to decrease herbicide use, better management of fertilisation, and subsoil smart-sensors that monitor water levels.

Read more: https://www.agrisource.org/friendly-fruit

New food for farmed fish and animals

Feeding the world has a tremendous environmental impact: global agricultural emissions grew by eight per cent between 1990 and 2010, and they are expected to grow further – to 15 per cent above 2010 levels by 2030. By then, they will

amount to almost 7 billion tonnes of greenhouse gases per year. In the animal production industry, for example, the majority of emissions are caused by animal feed. The FEED-X project wants to improve the sustainability performance of the feed industry through alternative feed solutions, starting with the salmon and shrimp value chains, because to survive, they have to find a fish oil alternative. The central idea is to shift 10 per cent of the global feed industry towards more sustainable production, drawing on novel alternative solutions by independent entrepreneurs and their faster market adoption. These are chosen based on their ability to reduce harmful environmental effects from deforestation, high carbon footprints and irresponsible fishing practices as well as food system circularity.

Read more: https://projectxglobal.com/our-pilots/feed-x-challenge/

Giving ecosystem services a value

The Earth's ecosystems provide humanity with a wide range of benefits known as 'ecosystem goods and services'. These include services like water supply, air purification, natural recycling of waste, soil formation and more. Ecosystem services can be sold by one organisation managing an area (for example a forest owner) to another that wants to compensate for its environmental impact. One of the major challenges for ecosystem services is how to develop indicators and how to estimate the value of the services produced. The MADAMES-AX project works with forest owners, wood industry and schools in the Mediterranean Area to validate a scalable business model to support the sustainable management of forest ecosystems.

Read more: https://www.madames-ax.info

Scaling the rewilding of landscapes

Since 1945, the rural landscapes of Finland have been ditched and developed for peat mining and forestry purposes. As a 'Northern Sparsely Populated Area', most of Eastern and Northern Finland have lost their post-ice age habitats but contain millions of hectares of potential rewilded lands to return as carbon sinks, biodiversity hotspots and water protection sites. The Snowchange Cooperative is rewilding wetlands, marsh-mires and forests to restore carbon sinks, biodiversity hotspots, Indigenous and Community Conserved (ICCA) areas and to alleviate water pollution.

The Scaling Landscape Rewilding project will create a service to provide reliable greenhouse gas measurements to support options for rural economic renewal and new land to benefit local economies and communities. A state-of-the-art website will be developed to communicate and co-learn with partners how to reach broader audiences in Europe with information on rewilding.

Read more: http://www.snowchange.org/re-wilding-actions-in-finland-snowchange-hq-in-selkie

Activating data and the community for landscape restoration

The ForLand Restoration project aims to develop an online collaborative platform to support landscape restoration projects. This tool, co-designed with stakeholders in a given territory, will provide local actors with greater insight into the impact of land-use practices and help them make informed decisions for land restoration. It will take into account local needs and specifications, using a variety of data to offer users tailor-made restoration scenarios. The platform will be based on the latest remote sensing tools and cutting-edge modelling. It will allow optimal planning and decision-making for landscape restoration projects by combining both production and protection purposes while using multiple metrics.

Read more: http://forland.io

Turning waste to bioplastic35

Nearly 40 per cent of the chemical energy of food ends up in waste or wastewaters. Active wastewater treatment plants concentrate these wastewater organics. As treatment improves, the production of wastewater sludge is increasing. At the same time, worldwide plastic production is growing every year and now exceeds 400 Mtons/y. Around 6 per cent of plastic products end up in natural environments and the ocean. Biodegradable bioplastic can be an option to address this issue. The B-PLAS DEMO project creates a new plant that can convert wastewater sludge into biodegradable bioplastic, helping address the issue of plastic pollution.

Read more: https://site.unibo.it/b-plas/en

A second life for electronic equipment

The collection of waste electrical and electronic equipment (WEEE) currently takes place through a complex chain that can leave space for illegal parallel channels. It is therefore necessary to improve the traceability of material flows and support cultural change through a reward system for virtuous behaviour. The InnoWEEE project intends to boost the collection of such waste through appropriate awareness and operative campaigns. It will help develop new business models for municipalities and retailers to improve the collection of WEEE in cities, for example through smart bins.

Read more: http://www.innoweee.eu

Data for a green building stock

Buildings are likely to suffer significant damage costs from the impact of climate change. They are energy-intensive to build and operate, so they are key targets in global efforts to reduce carbon emissions. As two-thirds of the current building stock in most countries is expected to be in place in 2050, many will need deep and potentially costly retrofits to increase energy efficiency and switch to lower carbon power sources. The goal of the Real Estate Climate Asset Mapping Project (RECAM) is to provide a data-based solution to quantify how climate change may impact the value of real estate assets. The aim is that real estate asset owners use this data to make decisions that will lead to a more efficient use of energy and natural resources. The data should also help to shift capital towards buildings that are less carbon intensive and located in areas less likely to suffer from damaging climate events. The work will help financial players report their progress to the market and so fulfil upcoming regulations.

Read more: https://www.msci.com/our-solutions/real-estate-investing/real-estate-climate-solutions

Moving stagnant data lakes

There is an ocean of available capital that could address today's environmental crisis. Unfortunately, the absence of a reliable flow of data leads to the misallocation of resources, missed opportunities and creates huge risks on our global balance sheets. The problem is not the technology, but the culture – organisations are stuck in 'closed' models, negotiating case-by-case. In April 2020, Icebreaker One launched SERI (Standard for Environmental Risk and Insurance), intending to build the shared data infrastructure that's needed to deliver net zero across financial services, including insurance. SERI brings together partner organisations and leading institutions to create bridges across which finance and climate change data can flow. The project will develop financial products that will deliver demonstrable net-zero outcomes, alongside the shared data infrastructure underpinning them.

Read more: https://icebreakerone.org

AI for Climate Action

The OpenSurface project explores new ways of monitoring land-use changes on the ground, such as deforestation. Currently, most of these changes go unnoticed, and those that are noticed typically need to be verified by a person – which makes monitoring at this scale too intensive and time-consuming to be practical. The OpenSurface tool applies new AI techniques to satellite imagery, augmenting this with drones, mobile device data and other sources where available. By connecting automatically verified changes on the ground to tailored alerts, or any digital service, the tool can drive the right response at the right time. Additionally, it gives stakeholders (governments, companies, individuals) the real-time data-base and transparency they need for effective climate action. This, in turn, enables new kinds of financial instruments and mechanisms. These can work across borders and industries to channel capital towards climate action, at scales – both large and small – not previously viable.

Read more: https://opensurface.io

A tool to assess local climate impacts early

Short time horizons and the difficulty of estimating impacts based on near-term climate forecasts make it increasingly difficult for cities to act on climate change and related natural disasters. The project **Climate Risk Information for SupportIng ADAptation Planning and operaTion– Phase II (CRISI-ADAPT II)** will develop an innovative tool to assess climate change impacts early on and prevent them at the local level. This tool aims to challenge cities to monitor and improve their adaptation planning. The project will focus on four strategic sectors: flooding/emergency response, water management for agriculture, energy planning and ports. This and other available tools and data will be used to support city governments, modellers, investors, and traders related to all sectors potentially affected by climate impacts.

Read more: https://www.crisi-adapt2.eu

Remove barriers for green investments in cities

Up to €1 trillion in annual investments are necessary to ensure that essential urban infrastructure is low-carbon and climate-resilient. Barriers to this green transition include high transaction costs, uncertainty about national and international policies, a lack of resources for making green and sustainable projects attractive to investors and knowledge gaps about finance options and mechanisms. The City Finance Lab is Europe's first dedicated platform to developing innovative finance solutions for green urban projects. The project aims to help cities gain access to public and private climate finance. It is set up to help remove barriers for such investments and develop innovative financing solutions for public and private stakeholders. Since 2018, this platform has supported solutions in Poland, Portugal, France, Cyprus, Norway, Germany and the United Kingdom, including community forest trusts, green funds for SMEs, participatory budgets or municipality- issued credit cards that promote green investments.

Read more: https://cfl.southpole.com

Re-coding to capitalise civic goods

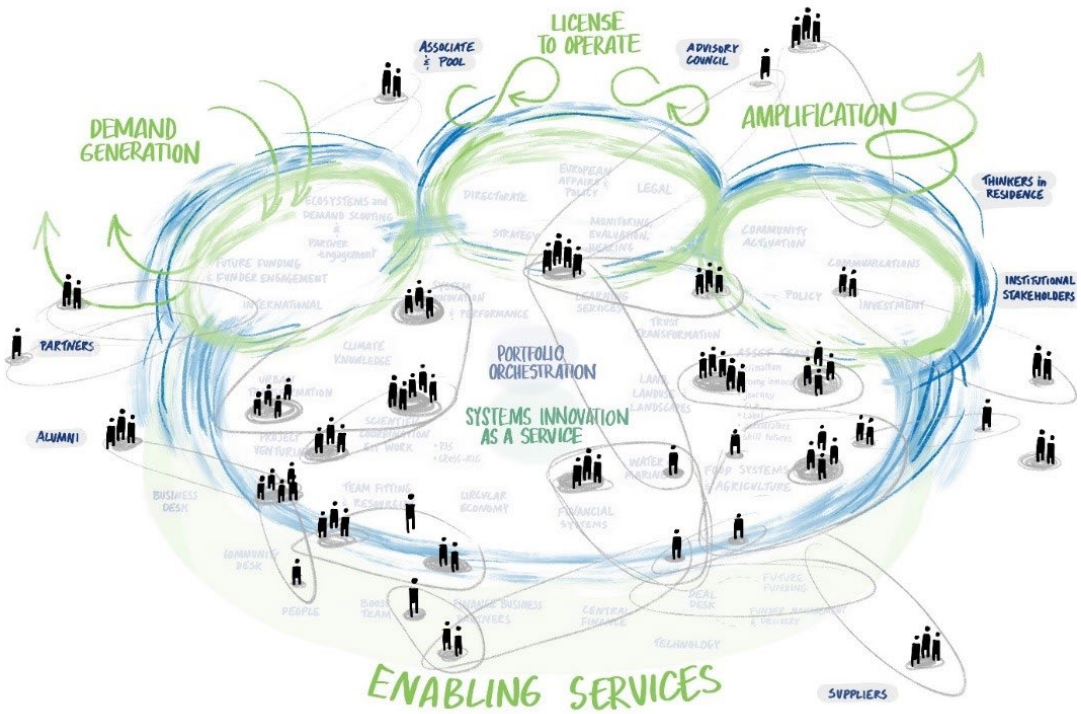
Our cities are packed with a diversity of assets and shared resources – parks, schools, public transport, energy systems, collective intelligence and data. They are the foundation of our current and future wealth, and they mitigate against future shared risks. Society recognises the value of such civic assets, but we are failing to preserve and enhance them and to provide the capital to secure their future. The project Re-Coding for a Civic Capital Economy (RE.CO) will design new investment models to steer capital toward civic goods and create public value. The core project aim is to demonstrate how a next generation of coding tools (e.g. smart contracts, real-time sensor data, etc.) can bring about a shift in our economy, unlocking new financial, regulatory and legal instruments that preserve and enhance public goods. The project aims to develop a proof of possibilities across five different areas (contracts, trees, streets, floods and urban data) and build the case for transformative 'civic asset business models' that alter how we deploy capital for shared civic benefit.

Read more: https://darkmatterlabs.org/ReCode-ReCoding-to-capitalise-civic-goods

5. People and organisation

In 2020 EIT Climate-KIC underwent a reorganisation process and reshaped its ways of working to deliver on the *Transformation, in Time* strategy for tackling climate change and its implications through systems innovation.

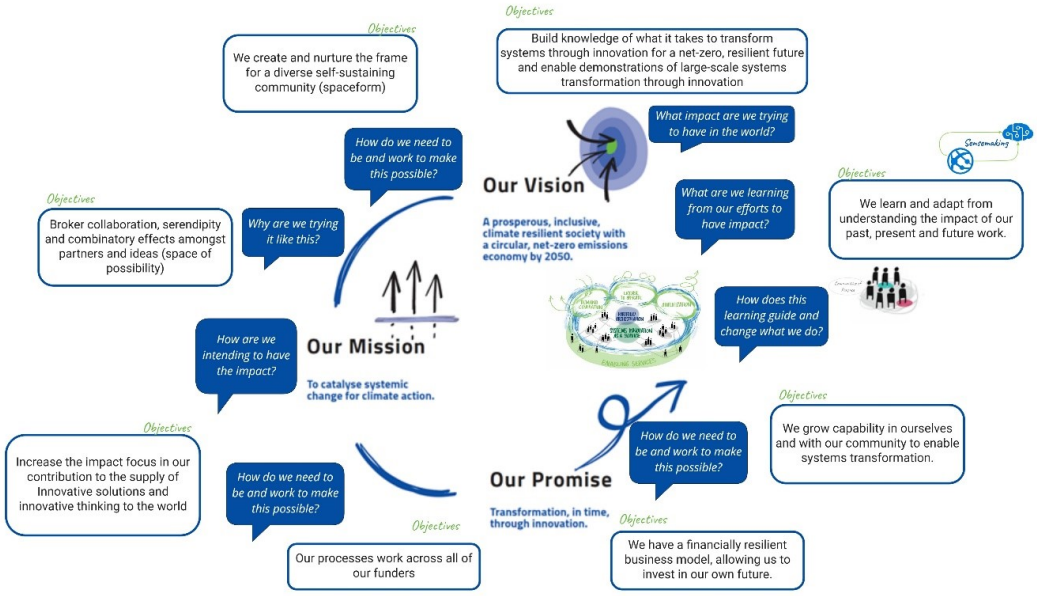
The new structure is designed to meet the increasing demand, across Europe, for EIT Climate-KIC's role as an orchestrator of 'systems transformation as a service'. This is an innovation model and method to catalyse fast decarbonisation across the economy; to drive climate adaptation and resilience through circular economy approaches in cities, countries and regions; and, in the case of industries, to generate new markets, business models and value chains coherent with a 1.5 degree world.



The organisational form is 'organic' and designed to function as a complex adaptive system orchestrating a portfolio of projects and initiatives. At the heart of the organisation's strategic approach is a focus on challenge-led, demand-led innovation, entrepreneurship and education. It offers 'systems transformation as a service' to some of Europe's most ambitious 'challenge owners' – including city mayors, government ministries, industry and community leaders and CEOs of major companies. These large-scale projects use systems innovation to demonstrate that

fast and large-scale transition is possible in specific places and sectors. Teams working in the Demand Generation area replace EIT Climate-KIC's previous Geography teams and Theme teams. They focus on demand and need at multiple scales – national, regional (in the sense of a number of countries acting together e.g. Visegrad 4), regional within and across the Member States, local and industrial. Exploring, understanding and shaping needs, they also initiate meaningful partnerships with challenge owners and build the conditions for partnership and engagement in systems transformation.

Amplification of Impact is a set of actions to ensure that the investment of time and resources is fully utilised and generates an impact far greater than the sum of its parts. Teams working in this area of EIT Climate-KIC's activities support, co-create with and amplify a community of change-makers motivated by and committed to working through systems innovation. They also explore amplification potential based on scaling opportunities, EIT Climate-KIC methodology, good community relationships and interest from funders.



License to Operate provides EIT Climate-KIC with the mandate to operate and to amplify its impact, and to make sure that the organisation is seen as a credible partner. Social License to Operate gives EIT Climate-KIC a mandate to put the strategy into action, translate it, develop it further if needed and define the mandate when it needs to be changed.

Enabling Services, previously considered as corporate functions, have been designed to cover the full grant lifecycle, from planning, through engaging demand

owners and commissioning projects to contracting, delivery support, and closure. The services cover the full grant management lifecycle for all funders, partner lifecycle from on-boarding to disengagement, and business lifecycle through the financial and operational year.

After the period of reorganisation and restructure EIT Climate-KIC now focuses on aligning ways of working, new organisational practices and enabling knowledge sharing and learning. United by the set of key objectives, the organisation is moving to a less hierarchical structure, enabling teams and individuals to self-manage, make decisions and act in an agile way.

The reorganisation process prepared EIT Climate-KIC for the new phase in its life cycle and to ensure that it is optimally and flexibly structured and staffed for the purpose of delivering on its mission.

6. Sources of Funding

While EIT Climate-KIC anticipates a significant reduction of EIT funding in 2021 as part of a planned transition for first-wave Knowledge Innovation Communities, 2020 saw year-on-year growth in total funding and the welcoming of several new funders.

Our total funding in 2020 was €98.4m, with a major proportion channelled to start-ups and partners in our wider community. As detailed earlier, €7.4m was made available by EIT through a dedicated COVID19 response programme, and our community provided €2.5m in membership fees. In addition, the Climate-KIC legal entity derived revenue of €1.9m from funders beyond EIT. The total we were able to direct to climate innovation action is also much greater than these figures thanks to the significant co-funding contribution of our Partner organisations.

We are proud and grateful for the funding cooperation with many organisations in 2020, including EIT, Facebook, Google Foundation, Irish Aid, Munich Re/Ergo, African Development Bank, Silesian Metropolis, Environmental Defence Fund, H2020, Nexus, Copernicus/EASME, SIDA, Climate Justice and Resilience Fund, and the Good Energies Foundation.

As we look ahead, we acknowledge the significant financial sustainability challenge facing EIT Climate-KIC. Our strategy has three core components: (i) working to attract funding from multiple different sources, with a focus on securing a small number of major funders who share our vision, (ii) keeping a tight control on our costs while continuing to focus on our capabilities and value proposition; and (iii) maximising utilisation and leverage potential of our remaining funding from EIT.

7. Governance

EIT Climate-KIC is a public-private partnership comprising the Association Climate-KIC, Climate-KIC Holding B.V., and the Climate-KIC International Foundation. In 2020, Association Climate-KIC held 100 per cent of shares in the Holding and oversaw its strategic direction. Changes to this governance setup are planned for 2021 to serve the demands of future funding opportunities.

7.1 Assembly Members as of December 2020

Association Climate-KIC's ultimate decision-making body is its Assembly of Members (referred to as Core Partners).

- Achmea Insurance
- ART-ER
- CEA (Commissariat a l'energie atomique et energies alternatives)
- Chalmers University
- City of Helsinki

- City of Malmo
- Covestro
- Dedagroup Public Services
- Edinburgh Centre for Carbon Innovation (ECCI)
- E.ON SE
- ENGIE
- ETH Zurich (Swiss Federal Institute of Technology)
- Ferrovial Corporacion S.A.
- Fundación Valenciaport
- GFZ (German Research Centre for Geosciences)
- HIT (Hub Innovazione Trentino)
- Imperial College of Science, Technology and Medicine
- INRAE (French National Research Institute for Agriculture, Food and Environment)
- Instituto Tecnológico de la Energía
- KLM
- Potsdam Institute for Climate Impact Research
- Sorbonne University
- South Pole Group
- Stichting Deltares
- Technical University of Denmark (DTU)
- TNO (Netherlands Organisation of Applied Scientific Research)

- Technical University of Delft
- University of Copenhagen
- Universidad Politécnica de Madrid
- Utrecht University
- Veolia Environnement S.A.
- VITO NV
- Wageningen University

7.2. Governing Board

The Association Climate-KIC Governing Board provides intellectual leadership and investigates critical challenges in the areas of climate change mitigation and adaptation. It informs the multiannual strategy and aspects of strategic relevance to the Association. It comprises individuals elected from the Association's members with an independent chairperson. The composition of the Governing Board reflects the diversity of institutions and regions within Climate-KIC. It meets around six times a year, including an annual retreat. The Governing Board elects a Chair and a Vice-Chair.

Governing Board members in 2020

- Anders Wijkman (Chair), Independent
- Marianne Thellersen (Vice Chair), DTU
- Nicolas Gruber, ETH Zurich (resigned 17 September 2020)
- Martin Siegert, Imperial College London
- Daniel Klingenfeld, PIK (resigned 23 January 2020)
- Alice Peyrard, Veolia
- Jonas Kamleh, City of Malmö

- Paul Althuis, TU Delft
- Valentin Alfaya, Grupo Ferrovial
- Ruben Alblas, KLM
- Giovanni Anceschi, ART-ER
- Patrick Buergi, South Pole Carbon
- Johan Rockström, PIK (appointed 1 October 2020)
- Suzanne Reynders, INRAE (appointed 1 October 2020)
- Ada Amon, City of Budapest (appointed 1 October 2020)

See current list of Governing Board Members here.

7.3 Supervisory Board

The Holding's Supervisory Board takes responsibility for the supervision of Climate-KIC Holding B.V.'s general affairs and reports to the company's shareholders at the Annual General Meeting. It supervises the Holding's managing statutory directors' performance and considers matters such as the multi-annual strategy to be proposed to the General Meeting, the annual business plan, accounts, legal and portfolio strategy for partners and strategic alliances.

Supervisory Board members in 2020

- Monika Weber-Fahr (Chair)
- Barna Barath (Vice chair)
- Thomas Goergen
- Isabel Garcia Mora, (appointed on 13 July 2020)
- Yvo de Boer, (stepped down 31 October 2020)

See current list of Supervisory Board Members here.

7.4 Advisory Council

In support of EIT Climate-KIC's transition to a multi-funded catalyst of systemic change, we tap into the collective intelligence and guidance of highly experienced and highly connected individuals – our Advisory Council. Members of the Advisory Council play an important complementary role to the Association Governing Board as a strategic sounding board for EIT Climate-KIC's management team, offering an element of independence, fresh perspectives, and divergent thinking. Advisory Council members also help to represent EIT Climate-KIC externally – including at the European Commission level, in the Technical Expert Group on Sustainable Finance, helping to develop a unified EU-wide classification system for sustainable economies.

Advisory Council members in 2020

- Anneli Pauli, University of Helsinki
- Catia Bastioli, Novamont
- Dennis Pamlin, 21st Century Frontiers
- Harini Nagendra, Azim Premji University
- Julian Popov, European Climate Foundation
- Mafalda Duarte, World Bank
- Pablo Bereciartua, Argentine Engineering Center
- Sandrine Dixson-Declève, Co-President of the Club of Rome
- Sean Cleary, Strategic Concepts (Pty) Ltd.
- Tomas Kåberger, Renewable Energy Institute

See the current list of our advisors here.

7.5 Statutory Executive Directors of Climate-KIC Holding B.V in 2020

- Kirsten Dunlop – Chief Executive Officer
- Tom Mitchell – Chief Strategy Officer
- Joann Passingham – Chief Financial Officer
- Richard Zaltzman – Chief Operations Officer

7.6 Full list of our 2020 community members

	Partner Name	Country
1.	2° Investing Initiative	France
2.	4CF Spółka z ograniczoną odpowiedzialnością	Poland
3.	A2A Calore e Servizi s.r.l.	Italy
4.	A2ASmartcity	Italy
5.	AALTO-KORKEAKOULUSÄÄTIÖ	Finland
6.	Aarhus Kommune, Teknik og Miljø	Denmark
7.	Aarhus Universitet	Denmark
8.	Aberystwyth University	United Kingdom
9.	Abydos Intelligent Solutions	United Kingdom
10.	Acclimatise Group Ltd	United Kingdom
11.	Achmea Schadeverzekeringen N.V.	Netherlands
12.	ACTECO PRODUCTOS Y SERVICIOS S.L.	Spain
13.	Adaptation Ledger Limited	United Kingdom

14.	AEROSPACE VALLEY	France
15.	Agence de l'Environnement et de la Maitrise de l'Energie	France
16.	Agentia Pentru Dezvoltare Regionala Nord-Est	Romania
17.	AGENZIA MOBILITA? AMBIENTE E TERRITORIO SRL	Italy
18.	Agenzia Nazionale per le Nuove Tecnologie, l?Energia e lo Sviluppo Economico Sostenibile	Italy
19.	Agenzia per L?energia a lo sviluppo sostenibile	Italy
20.	AGORANOV	France
21.	AgriCircle AG	Switzerland
22.	AGROPARISTECH INNOVATION	France
23.	AgroPithiviers	France
24.	AGRO-TRANSFERT RESSOURCES ET TERRITOIRES	France
25.	Agvesto Limited	United Kingdom
26.	Air Liquide Recherche et Développement	France
27.	Air Liquide Forschung und Entwicklung GmbH	Germany
28.	Airlabs Limited	United Kingdom
29.	AIT Austrian Institute of Technology GmbH	Austria
30.	Akseleratorius, UAB	Lithuania
31.	ALGOE	France
32.	Alma Mater Studiorum - Università di Bologna	Italy
33.	Amatus GmbH	Germany
34.	Amped Concepts B.V.	Netherlands
35.	Antaco UK Ltd	United Kingdom
36.	AquaBioTech Limited (trading as AquaBioTech Group)	Malta
37.	Aquafin	Belgium

38.	Aquatec Proyectos para el Sector del Agua, S.A.U	France
39.	aQysta B.V.	Netherlands
40.	Architecture 00 Limited (trading as Dark Matter Laboratories)	United Kingdom
41.	ARIA Technologies SA	France
42.	ART- ER S. Cons. p.a	Italy
43.	Arx-IT Consulting SA	Switzerland
44.	Ashoka gemeinnützige GmbH	Austria
45.	Asociación de investigación de la industria del juguete, conexas y afines	Spain
46.	Asociación Valenciana de Empresas del Sector de la Energía	Spain
47.	ASSOCIATION SEE ICT	Serbia
48.	Assotsiatsia Za Ravitie Na Sofia	Bulgaria
49.	Athens University of Economics and Business Property Management & Development	Greece
50.	ATHINA-EREVNITIKO KENTRO KAINOTOMIAS STIS TECHNOLOGIES TIS PLIROFORIAS, TON EPIKOINONION KAI TIS GNOSIS	Greece
51.	Aurora Sustainability Ltd	United Kingdom
52.	Avocet Holding Kft	Hungary
53.	Ayuntamiento de Madrid	Spain
54.	Bankers without Boundaries	United Kingdom
55.	Baysan Quality Pro S.L.	Spain
56.	Betterpoints Limited	United Kingdom
57.	Beyond Ratings	France
58.	BIK Bouw B.V.	Netherlands
59.	Bindslev A/S	Denmark
60.	Birmingham City Council	United Kingdom
61.	Black Bear Carbon B.V.	Netherlands

62.	brainbows informationsmanagement gmbh	Austria
63.	Brandenburg University of Technology Cottbus-Senftenberg	Germany
64.	Budapest Fovaros Onkormanyzata	Hungary
65.	Budapest University of Technology and Economics	Hungary
66.	Building Global Innovators – IUL MIT Portugal accelerator	Portugal
67.	Buildings Performance Institute Europe A.S.B.L.	Belgium
68.	BWB CONNECT CLG	Republic of Ireland
69.	C40 Cities Climate Leadership UK	United Kingdom
70.	Camera de Comert, Industrie si Agricultura Timis	Romania
71.	Canguru Foods Unipessoal LDA	Portugal
72.	Carbon Trust Advisory Ltd	United Kingdom
73.	Carbone 4	France
74.	CAVIRO DISTILLERIE S.R.L.	Italy
75.	CAVIRO Soc. Coop. Agricola	Italy
76.	CDP Europe - Services GmbH	Germany
77.	CDP Worldwide	United Kingdom
78.	CDP Worldwide (Europe) gemeinnutzige GmbH	Germany
79.	CENEX (Centre for Excellence for Low Carbon and Fuel Cell Technologies)	United Kingdom
80.	CENTAR ZA CIRKULARNU EKONOMIJU CIREKON d.o.o	Serbia
81.	Centre of Excellence for Low-Carbon Technologies/Center odli?nosti nizkooglji?ne tehnologije (CO NOT) (CO NOT)	Slovenia
82.	Centrum Lukasiewicz	Poland
83.	Cetaqua, Centro Tecnológico del Agua, Fundación Privada	France
84.	Chalmers Tekniska Hogskola Aktiebolag	Sweden
85.	ChillServices GmbH	Germany

86.	ChillServices Sweden AB	Sweden
87.	Chrysalis Leap Limited	Cyprus
88.	CIRAD - Centre International de Recherche Agronomique pour le Développement	France
89.	Circular Influence	Switzerland
90.	circular.fashion UG (Haftungsbeschränkt)	Germany
91.	Civitta Slovakia, a.s.	Slovakia
92.	Cleantech Bulgaria Ltd.	Bulgaria
93.	CLEAR NANO TECHNOLOGIES AG	Luxembourg
94.	Climate Blockchain Initiatives Sociedad Limitada	Spain
95.	Climate Change Centre Austria - Klimaforschungsnetzwerk Österreich	Austria
96.	Climate Leadership Coalition ry	Finland
97.	Climate Media Factory UG (haftungsbeschrankt)	Germany
98.	Climate Strategies	United Kingdom
99.	Climate-KIC Alumni Association	Netherlands
100.	CO2i	United Kingdom
101.	Commissariat a l'Energie Atomique et aux Energies Alternatives	France
102.	Compagnie Nationale du Rhône	France
103.	Compañía Española de Servicios Públicos Auxiliares S.A.	Spain
104.	COMPUTER SOLUTIONS S.P.A.	Italy
105.	Comune di Milano	Italy
106.	Conigital Group	United Kingdom
107.	Consellería de Medio Ambiente e Ordenación do Territorio. Xunta de Galicia	Spain
108.	Considerate Hoteliers Ltd	United Kingdom
109.	Cool Farm Alliance Community Interest Company	United Kingdom

110.	Cornelissen Consulting Services B.V.	Netherlands
111.	Covestro Deutschland AG	Germany
112.	Creative Carbon Scotland	United Kingdom
113.	CybeleTech SAS	France
114.	Cyprus Energy Agency	Cyprus
115.	Cyprus University of Technology	Cyprus
116.	Danmarks Tekniske Universitet	Denmark
117.	DanTrade B.V.	France
118.	Dark Matter Laboratories B.V.	Netherlands
119.	De Gezonde Stad	Netherlands
120.	De Groene Grachten B.V.	Netherlands
121.	Dedagroup Public Services S.r.L.	Italy
122.	Demos RY	Finland
123.	Devtaar B.V.	Netherlands
124.	DIL Deutsches Institut fur Lebensmitteltechnik e.V.	Germany
125.	Drawdown Europe Research Association	Netherlands
126.	E.ON SE	Germany
127.	E.ON Sverige AB	Sweden
128.	E3G ASBL	Belgium
129.	E3G -Third Generation Environmentalism GmbH	Germany
130.	E3G -Third Generation Environmentalism Ltd	Germany
131.	EAT Foundation	Norway
132.	Eaternity AG	Switzerland
133.	Ebusplan GmbH	Germany

134.	Eco Environnement Ingenieie	France
135.	ECOACT S.A.S.	France
136.	ECOCLIMASOL	France
137.	Ecoembalajes España S.A.	Spain
138.	EcoKraft GmbH	Germany
139.	Ecole Polytechnique	France
140.	Ecomatters B.V.	Netherlands
141.	Ecospeed AG	Switzerland
142.	Edgeryders OÜ	Estonia
143.	EDINN GLOBAL S.L.	Spain
144.	Eesti Puitmajaliit MTÜ	Estonia
145.	Eidgenössische Technische Hochschule Zürich/Swiss Federal Institute of Technology	Switzerland
146.	ElectricFeel AG	Switzerland
147.	Empresa Municipal de Iniciativas y Actividades Empresariales de Málaga S.A. -PROMALAGA-	Spain
148.	Encraft Limited	United Kingdom
149.	Energy Gardens Limited	United Kingdom
150.	Energy Systems Catapult Ltd	United Kingdom
151.	ENGIE S.A.	France
152.	Engineering Ingegneria Informatica S.p.A.	Italy
153.	eqlosion sàrl	Switzerland
154.	ERION COMPLIANCE ORGANIZATION S.C.A R.L.	Italy
155.	European Regional Framework for Co - Operation	Greece
156.	Euskampus Fundazioa	Spain
157.	Exceedence Ltd	United Kingdom

158.	E-zavod, Zavod za celovite razvojne resitve	Slovenia
159.	Fachhochschule Zentralschweiz - Hochschule Luzern	Switzerland
160.	Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa	Portugal
161.	FAGOR SOCIEDAD COOPERATIVA	Spain
162.	FERROVIAL AGROMAN S.A.	Spain
163.	Ferrovial Corporación, S.A.	Spain
164.	Ferrovial Servicios S.A.	Spain
165.	FONDATION INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT DURABLE ET LES RELATIONS INTERNATIONALES	France
166.	Fondazione Alma Mater	Italy
167.	Fondazione Bologna University Business School	Italy
168.	Fondazione Bruno Kessler	Italy
169.	FONDAZIONE CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI	Italy
170.	Fondazione Edmund Mach	Italy
171.	Fondazione Fenice Onlus	Italy
172.	Fondazione per l'Innovazione Urbana	Italy
173.	Fonds Mondial pour le développement des villes	France
174.	Foodways Consulting GmbH	Switzerland
175.	Forum Virium Helsinki	Finland
176.	FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS	Greece
177.	Fovarosi Csatornazasi Muvek Zrt.	Hungary
178.	Frankfurt School of Finance & Management gGmbH	Germany
179.	FUNDACIA ASHOKA - INNOWATORZY DLA DOBRA PUBLICZNEGO	Poland
180.	FUNDACION CENTRO DE INNOVACIÓN EN INFRAESTRUCTURAS INTELIGENTES	Spain
181.	Fundación de la Comunidad Valenciana para la Promoción Estratégica, el Desarrollo y la Innovación	Spain

182.	Fundación Delegación Fundación Finnova	Spain
183.	Fundacion Gizabidea	Spain
184.	FUNDACIÓN PARA LA INVESTIGACIÓN DEL CLIMA	Spain
185.	Fundacja Instytut na rzecz Ekorozwoju	Poland
186.	Fundatia Ashoka	Romania
187.	FUNDATIA OECONOMICA TIMISIENSIS	Romania
188.	Furbish AB	Sweden
189.	Futureproofed bvba	Belgium
190.	FutureWater B.V.	Netherlands
191.	FutureWater S.L.	Netherlands
192.	GECOSISTEMA SRL	Italy
193.	Gemeente Amsterdam	Netherlands
194.	Genillard & Co. GmbH	Germany
195.	Global Change Research Institute CAS	Czech Republic
196.	GMINA MIEJSKA KRAKOW	Poland
197.	GOTEBORGS KOMMUN	Sweden
198.	Greater London Authority	United Kingdom
199.	Green and Sustainable Finance Cluster Germany e.V.	Germany
200.	GRESB B.V.	Netherlands
201.	GRÜNSTATTRAU Forschungs- und Innovations GmbH	Austria
202.	Hab za klimatske inovacije	Serbia
203.	Hanzehogeschool Groningen	Netherlands
204.	HarvestaGG Green Goods B.V.	Netherlands
205.	Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum	Germany

206.	Helsingin kaupunki	Finland
207.	Hub Innovation, s.r.o	Czech Republic
208.	Hub Innovazione Trentino (HIT)	Italy
209.	Humactech Business S.L	Spain
210.	I CARE ENVIRONNEMENT	France
211.	I.LECO Sp. z o.o.	Poland
212.	I4CE ? Institute for Climate Economics	France
213.	Iberdrola S.A.	Spain
214.	Icebreaker One Limited	United Kingdom
215.	IFKA Közhasznú Nonprofit Kft.	Hungary
216.	IJsfontein Gamewise BV	Netherlands
217.	Imperial College of Science, Technology and Medicine	United Kingdom
218.	InfluenceMap CIC	United Kingdom
219.	Infrastrutture Recupero Energia Agenzia Regionale Ligure	Italy
220.	Initiative für Teaching Entrepreneurship - unternehmerische Haltungen wecken, fördern, stärken	Austria
221.	INSOMNIA CONSULTING SOCIEDAD LIMITADA	Spain
222.	Institut Cirkulární Ekonomiky, z.ú.	Czech Republic
223.	Institut de Recherche pour le Developpement	France
224.	Institut des Sciences et Industrie du Vivant et de l'Envirronnement	France
225.	Institute for Sound & Music e. V.	Germany
226.	Instituto Nacional de Investigacion y Tecnologia Agraria y Alimentaria O.A.M.P.	Spain
227.	Instituto Tecnológico de la Energía	Spain
228.	Instituto Valenciano de Competitividad Empresarial	Spain
229.	Instituto Valenciano de Investigaciones Agrarias	Spain

230.	Instituto Valenciano de la Edificación	Spain
231.	INSTYTUT NAUK GEOLOGICZNYCH POLSKIEJ AKADEMII NAUK	Poland
232.	International Center for Research on the Environment and the Economy	Greece
233.	International Institute for Environment and Development	United Kingdom
234.	Internationales Institut fuer Angewandte Systemanalyse	Austria
235.	IONF ANDINA SUCURSAL COLOMBIANA DE ONF INTERNATIONAL	France
236.	IOTA Stiftung	Germany
237.	Irish Manufacturing Research CLG	Republic of Ireland
238.	Istituto per la Bioeconomia - Consiglio Nazionale delle Ricerche	Italy
239.	ITECON INGENIERIA Y CONSTRUCCION S.L.	Spain
240.	Jibe Company B.V.	Netherlands
241.	Johanneberg Science Park AB	Sweden
242.	Kapitech Sp. z o.o.	Poland
243.	Karl-Franzens Universität Graz	Austria
244.	KEMIJSKI INSTITUT	Slovenia
245.	KLIK, energestska zadruga	Croatia
246.	Knight Frank LLP	United Kingdom
247.	Københavns Kommune	Denmark
248.	Københavns Universitet	Denmark
249.	Koninklijke Luchtvaart Maatschappij N.V.	Netherlands
250.	La Fundación de la Comunidad Valenciana para la Investigación, Promoción y Estudios Comerciales de Valenciaport (Fundación Valenciaport)	Spain
251.	La Palma Research Centre for Future Studies SL	Spain
252.	La Universitat de València	Spain
253.	Laborelec C.V.B.A.	Belgium

254.	Leibniz-Zentrum für Agrarlandschaftsforschung (ZALF)	Germany
255.	LEUVEN KLIMAATNEUTRAAL 2030 VZW	Belgium
256.	LightFi Limited	United Kingdom
257.	Lightsmith Group Europe, s.a.	Luxembourg
258.	l'Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	France
259.	LISBOA E-NOVA - Agência de Energia e Ambiente de Lisboa	Portugal
260.	London Waste and Recycling Board	United Kingdom
261.	LONGEVITY PARTNERS SAS	France
262.	Lower-Silesia Regional Development Agency (DARR S.A.)	Poland
263.	Lucidminds BV	Netherlands
264.	Lukasiewicz Research Network - Institute for Sustainable Technologies	Poland
265.	Lumimuutos Osuuskunta	Finland
266.	Lunds universitet	Sweden
267.	L'Université Paris-Saclay	France
268.	Luvent Consulting GmbH	Germany
269.	Magistrat der Stadt Wien ? Magistratsabteilung 20 - Energieplanung	Austria
270.	Magneto B.V.	Netherlands
271.	Magyar Innovacio es Hatekonysag Nonprofit Kft.	Hungary
272.	Malmo Stad	Sweden
273.	Malta College of Arts, Science & Technology	Malta
274.	Material Economics Sverige AB	Sweden
275.	MATERNE SAS	France
276.	MCM INSTITUTE POLAND SP Z.O.O	Poland
277.	Meteorological Environmental Earth Observation	Italy

278.	MIB De?veloppement S.A., École des Ponts Business School	France
279.	MIDEME S.L.U.	Spain
280.	MiljöMatematik Malmö AB	Sweden
281.	Mittetulundusühing Cleantech Forest	Estonia
282.	MONDRAGON CORPORACION COOPERATIVA S. COOP	Spain
283.	Montanuniversitaet Leoben	Austria
284.	MSCI BARRA (SUISSE) SARL	Switzerland
285.	Naked Energy Ltd.	United Kingdom
286.	Narodowa Agencja Poszanowania Energii S.A.	Poland
287.	Nau?no tehnolo?ki park Ni? d.o.o. Ni?	Serbia
288.	NE NOMISMA ENERGIA SRL	Italy
289.	Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek	Netherlands
290.	NIER Ingegneria	Italy
291.	Norges teknisk-naturvitenskapelige universitet	Norway
292.	NOVAMONT S.p.A.	Italy
293.	NTU International A/S	Denmark
294.	NUMTECH	France
295.	NV Zeedijk	Netherlands
296.	Oasis Hub Ltd	United Kingdom
297.	OFFICE D?INGENIERIE SANITAIRE	France
298.	OfficeVitae B.V.	Netherlands
299.	ONF International SAS	France
300.	Open Foret	France
301.	Origen Power Ltd	United Kingdom

302.	ORLEANS METROPOLE	France
303.	Oxygen at Work Ltd	Switzerland
304.	Palermo Urban Solutions Hub	Italy
305.	PANNON Pro Innovation Services Ltd.	Hungary
306.	Paragon Limited	Malta
307.	Partnersvan.nu B.V.	Netherlands
308.	Paul Watkiss Associates Limited	United Kingdom
309.	PE Teknik & Arkitektur AB	Sweden
310.	Places in Common Limited	United Kingdom
311.	Plate-forme Technologique Européenne pour le Future du Textile et de l?Habillement	Belgium
312.	Poliedra - Centro di servizio e consulenza del Politecnico di Milano su pianificazione ambientale e territoriale	Italy
313.	POLITECNICO DI MILANO	Italy
314.	Polskie Stowarzyszenie Budownictwa Ekologicznego (Polish Green Building Council - PLGBC)	Poland
315.	Poral SAS	France
316.	Potsdam Institute for Climate Impact Research	Germany
317.	Privredna komora Srbije	Serbia
318.	Proambiente S.C.R.L.	Italy
319.	Project X Global Limited	United Kingdom
320.	Project00 Limited	United Kingdom
321.	Provadis School of International Management and Technology A.G.	Germany
322.	Provincie Utrecht	Netherlands
323.	Provincie Zuid-Holland	Netherlands
324.	PT South Pole Indonesia	Germany
325.	Quantis Sàrl	Switzerland

326.	Quantis GmbH&Co.KG	Germany
327.	Quantis SASU	France
328.	Quantis, Inc.	United States
329.	REDO Società di Gestione del Risparmio S.p.A. -Società Benefit	Italy
330.	Regionalna energetska agencija sjeverozapadne Hrvatske	Croatia
331.	Repowering	United Kingdom
332.	RES SOCIETA COOPERATIVA	Italy
333.	Resurgence Urban Resilience Trust	United Kingdom
334.	Reykjavikurborg	Iceland
335.	Rigas Tehniska universitate	Latvia
336.	RISE Processum AB	Sweden
337.	RISE Research Institutes of Sweden AB	Sweden
338.	Rockwool International A/S	Denmark
339.	RWTH AACHEN University	Germany
340.	SAFEGE SAS	France
341.	Sarajevska regionalna razvojna agencija d.o.o. Sarajevo	Bosnia and Herzegovina
342.	SCOR Global P&C SE	France
343.	Scuola universitaria professionale della Svizzera italiana (SUPS I)	Switzerland
344.	SEED Foundation	Hungary
345.	Select Innovation Limited	United Kingdom
346.	SERI Nachhaltigkeitsforschungs und -kommunikationsnetzwerk	Austria
347.	SNIFFER	United Kingdom
348.	Sorbonne Université	France
349.	Sourcebook GmbH	Germany

350.	South Pole Carbon (Thailand) Ltd	Switzerland
351.	South Pole Carbon Asset Management Consulting (Beijing) Ltd.	Switzerland
352.	South Pole Carbon Asset Management Ltd.	Switzerland
353.	South Pole Carbon Asset Management S.A.S	Switzerland
354.	South Pole Carbon Mexico S. de R.L. de C.V.	Switzerland
355.	South Pole Group UK Ltd	Switzerland
356.	South Pole Holding	Switzerland
357.	South Pole Netherlands B.V.	Germany
358.	South Pole Sweden AB	Switzerland
359.	SPIN-US spolka z ograniczona odpowiedzialnoscia	Poland
360.	Stad Leuven	Belgium
361.	Stavanger kommune	Norway
362.	STICHTING CENEX NEDERLAND	Netherlands
363.	Stichting Cues	Netherlands
364.	Stichting Deltares	Netherlands
365.	Stichting dotSPACE	Netherlands
366.	Stichting Economic Board Utrecht	Netherlands
367.	STICHTING EUROPEAN CLIMATE FOUNDATION	Netherlands
368.	Stichting Historie der Techniek	Netherlands
369.	Stichting Our Common Future 2.0	Netherlands
370.	Stichting Red Cross Red Crescent Climate Centre on Climate Change and Disaster Preparedness	Netherlands
371.	Stichting Rooftop Revolution	Netherlands
372.	Stichting StartLife Holding	Netherlands
373.	Stichting Technotrend	Netherlands

374.	Stichting VU (Vrije Universiteit)	Netherlands
375.	Stichting Wageningen Research	Netherlands
376.	Stichting YES!Delft Students	Netherlands
377.	Stiftung Global Infrastructure Basel	Switzerland
378.	Stiftung myclimate	Switzerland
379.	Stockholm Green Digital Finance, by Insamlingsstiftelse Gaia Values, (with Stockholm Sustainable Finance Centre)	Sweden
380.	Stork Asset Management Tehnology B.V.	Netherlands
381.	Stowarzysenie EKO-BIEGLY (EKO-BIEGLY Association)	Poland
382.	Stowarzyszenie Centrum Rozwiazan Systemowych	Poland
383.	Suez Eau France	France
384.	Suez Groupe SAS	France
385.	Sustainable Finance Ireland	Republic of Ireland
386.	Sustainable Towns	Spain
387.	Sustainable Venture Development Partners Ltd	United Kingdom
388.	SustainCERT SA	Luxembourg
389.	Swarmcheck sp z.o.o.	Poland
390.	TECH VALLEY MANAGEMENT S.L	Spain
391.	Technická univerzita v Ko?iciach	Slovakia
392.	Technische Universität Berlin	Germany
393.	Technische Universitat Graz	Austria
394.	Technische Universität München	Germany
395.	Technische Universiteit Delft	Netherlands
396.	Technostarters Delft Vastgoed B.V.	Netherlands
397.	TECNALIA RESEARCH & INNOVATION	Spain

398.	TEP Energy GmbH	Switzerland
399.	The Chancellor, Masters and Scholars of the University of Oxford	United Kingdom
400.	THE CITY OF EDINBURGH COUNCIL	United Kingdom
401.	The Climate Change Organisation	United Kingdom
402.	THE CULTURE INITIATIVE LTD	United Kingdom
403.	The Cyprus Institute	Cyprus
404.	The Democratic Society AISBL	Belgium
405.	The Democratic Society Ltd	Netherlands
406.	The Ecological Sequestration Trust Trading	United Kingdom
407.	The Gold Standard Foundation	Switzerland
408.	The Nature Conservancy	United States
409.	The Nature Conservancy in Europe gemeinnützige GmbH	Germany
410.	The Provost, Fellows, Foundation Scholars, and the other members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin	Republic of Ireland
411.	The University Court of the University of Edinburgh	United Kingdom
412.	The University of Birmingham, incorporated by Royal charter under the Laws of England and Wales	United Kingdom
413.	TheRockGroup Holding BV	Netherlands
414.	TopSportsLab	Belgium
415.	TRACTEBEL ENGINEERING	France
416.	Trentino Sviluppo	Italy
417.	Trivector Traffic AB	Sweden
418.	Trondheim Kommune	Norway
419.	Turun Yliopisto	Finland
420.	UK GREEN BUILDING COUNCIL LIMITED	United Kingdom
421.	UK100 Cities Network Limited Company	United Kingdom

422.	Umweltverband WWF Osterreich	Austria
423.	Universidad Politecnica de Madrid	Spain
424.	Università degli Studi di Trento	Italy
425.	UNIVERSITÁ POLITECNICA DELLE MARCHE	Italy
426.	Universität Hamburg	Germany
427.	Universitat Politècnica de València	Spain
428.	Universität Zürich	Switzerland
429.	Universiteit Utrecht	Netherlands
430.	University College London	United Kingdom
431.	University of Debrecen, Centre for Agricultural and Applied Economic Sciences	Hungary
432.	University of Helsinki	Finland
433.	UNIWERSYTET WARSZAWSKI	Poland
434.	Unternehmer TUM GmbH	Germany
435.	Urban Workshop sp. z o. o.	Poland
436.	Uudenmaan liitto	Finland
437.	Vejle Kommune	Denmark
438.	VEOLIA EAU ? COMPAGNIE GENERALE DES EAUX	France
439.	Veolia Environnement S.A.	France
440.	Veolia Innove	France
441.	Veolia Recherche et Innovation	France
442.	Virtech Ltd	Bulgaria
443.	Vlaamse Instelling voor Technologisch Onderzoek N.V.	Belgium
444.	Volans Ventures Ltd	United Kingdom
445.	Wageningen University	Netherlands

446.	WISE Europa - Fundacja Warszawski Instytut Studiow Ekonomicznych I Europejskich	Poland
447.	World Business Council for Sustainable Development	Switzerland
448.	Wuppertal Institut fuer Klima, Umwelt, Energie GmbH (Wuppertal Institute)	Germany
449.	WWF European Policy Programme AISBL	Belgium
450.	YES!Delft B.V.	Netherlands
451.	Zagrebacki inovacijski centar d.o.o.	Croatia
452.	Zdruzhenie na gragjani SMART AP ? Laboratorija za socijalni inovacii Skopje	Macedonia, the former Yugoslav Republic of
453.	Zelena energetska zadruga za usluge	Croatia
454.	ZUERCHER HOCHSCHULE FUER ANGEWANDTE WISSENSCHAFTEN	Switzerland
455.	ZUM urbanizem, planiranje, projektiranje d.o.o.	Slovenia

Funded by the European Union

About EIT Climate-KIC

EIT Climate-KIC is the EU's climate innovation initiative, working to accelerate the transition to a zero-carbon and resilient world by enabling systems transformation. Headquartered in Amsterdam, it operates from 13 hubs across Europe and is active in 39 countries. EIT Climate-KIC was established in 2010 and is predominantly funded by the European Institute of Innovation and Technology (EIT), a body of the European Union. As a Knowledge and Innovation Community (KIC), it brings together more than 400 partners from business, academia, the public and non-profit sectors to create networks of expertise, through which innovative products, services and systems are developed, brought to market and scaled-up for impact.

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