



Climate Innovation Experience

29 November - Leeuwenbergh, Utrecht - the Netherlands

Climate Innovation in the Netherlands:
Start-ups and Innovation Projects in the
Spotlight



Climate-KIC is supported by the
EIT, a body of the European Union



Climate Innovations; a Strong Base for our Future!

Experience and see for yourself how Climate-KIC Benelux is fostering climate innovation that is having real economic impact. We will showcase innovations either market-ready or demonstrating commercial promises. .

Three sustainability experts will give key notes, discussing practical examples of how to build partnerships and tackle climate change. And, over 20 successful start-ups and project innovations will share insights into their practice, and how they are making a real contribution to the low carbon economy.

Join us with businesses, policymakers, municipal departments, scientists, investors and students with a specific interest in climate innovation for this unmissable event. Click [here](#) for more information and to register.

This is an English spoken event.

Programme

Climate Innovation Experience

29 November, Utrecht

16.00 Arrival

16.30 Impact with:
Partnerships, Behavioural
change, Sustainable
business models

18.00 Meet the innovators:
Products / Solutions of
Start-ups and Project Innovations

20.30 Closure

Key note speakers

Partnering as a profession

Wilma Roozenboom



Wilma is an entrepreneur and author of the book 'Een Bedrijf is Geen Goed Doel' (A Company is not a Charity). She will give an overview of how companies and civil society organisations can cooperate, with practical tips and tricks for you to incorporate into your work.

Behavioural insights for a sustainable society

Lars Moratis



Lars is Lector Sustainability at the NHTV Breda and author of the book 'Psychology for a Better World'. His key note will draw on this book, discuss the limitations and possibilities of our brains in relation to sustainable behaviour.

Let's build a sustainable business with real impact

Maurits Groen



Maurits is a serial entrepreneur in sustainability, and the founder of companies including Do the Bright Thing, Greenem and WAKA. He topped Dutch newspaper Trouw's Sustainable Top 100, as the most sustainable Dutchman in 2016, and has been consistently in its top ten.

Meet the innovators

You will have a chance to meet the innovative entrepreneurs and project leads behind the start-ups and projects in our exhibition area.

Start-ups



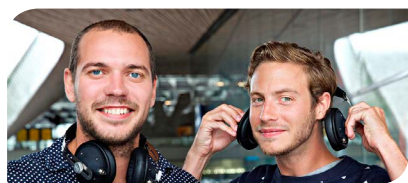
Bambooder

Produces bio-based composites made from bamboo fibres for use in paints,

automotive components and construction materials, providing a low carbon and more sustainable alternative to current metal and fossil fuel-based constituents.

FlorAccess

Has created an online platform that connects players in the horticultural supply chain, promoting transparency and traceability of suppliers and their practice, and fostering local logistics.



Gerrard Street

Has developed a set of headphones, made from recycled materials and based

on a monthly lease service. Its goal is to reduce waste and create a truly competitive circular economy business model for consumer products.



Kartent

Over 25,000 tents are left behind at festivals each year in the Netherlands.

The temporary cardboard Kartents are recycled after each festival, preventing the growing amount of textile waste from conventional tents.



ParkBee

Around 30 per cent of urban traffic is created by those looking for a parking place. ParkBee

facilitates the use of companies' parking garages as public parking spaces, cutting time seeking available spaces and reducing CO₂ emissions.

Tocano / Inkless

Printing without ink is now possible.

Tocano printers use a carbonisation process

to print text and images on paper, without the need for cartridges to achieve high quality, high resolution and high speed in permanent printing.



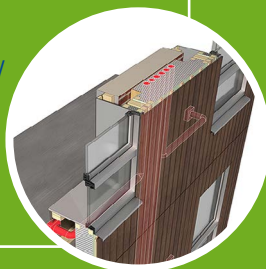
Project innovations

Climate-KIC mentors, supports and co-finances many European climate innovations. The Climate-KIC community brings together business, academia, science and public sector to share knowledge and address particular sectoral challenges. Climate-KIC is the catalyst needed to accelerate innovation, taking the first step and helping build trust among stakeholders. See the following pages for an overview.

Project Innovations

2ndSkin

This pre-fabricated and lightweight building envelope acts as a building's second skin. With this low-carbon solution, existing buildings can be easily upgraded and meet eco-friendly building requirements.



ABC Kroos

With 9 billion more people to feed in the future, globally, we need to produce more protein out of plants in a sustainable way. ABC Kroos' answer is water lentils; a protein-rich alternative with high nutritional value.



Bio-Up

Is an innovative and cost-efficient small-scale bio gas installation, developed with the support of many parties in the agricultural sector. The system allows farmers to produce their own bio gas and is an important step in more sustainable farming.



Blue Energy

Has developed a technique of mixing fresh and salt water, with the potential to produce the same amount of energy as generated by a 200 m high hydro dam. Wetsus, the European Centre for Sustainable Water Technology, is currently researching how to upscale 'reverse electro dialysis' or blue energy.



CarbonLed

LED technology in greenhouses creates an unique opportunity to realise highly efficient production systems. CarbonLed has investigated in ways to optimise crop growth and reducing the carbon footprint of year-round consumer staples like tomatoes by almost 25 per cent.



Façade Leasing

Is investigating the commercial and operational parameters of circular business models, where the façades of buildings can be leased. Via this sustainability enhancing service, not only building performance can be improved, but also effects waste reduction, the use of resources and the carbon footprint.



Floated Water Bridge

This project explores the electrical storage capacity of the intriguing 'water bridge' phenomenon, first discovered in the nineteenth century, investigating its potential contemporary applications in chemical processes, or medical applications.



Memstill

Memstill® is a new technology that desalinises seawater and makes it clean and drinkable. Compact, environmentally friendly and easily produced at low cost, Memstill® is set to play a significant role in fresh water provision worldwide.



SME Energy CheckUp

A free online analytic tool for benchmarking, advising, and giving information via energy saving measures for small and medium sized enterprises. Its goal is for yearly energy savings of 54 GWh in 2017 and 240 GWh in 2020 per SME.



Naked Energy

Is an award-winning company that has developed a hybrid solar panel: Virtu™, which generates both electricity and heat, creating more useful energy per square metre than conventional technology. Not only does this mean a much quicker payback on investment, but it also has the potential to significantly reduce carbon emissions.



OfficeVitea

Is an integrated approach for measuring and improving the comfort, wellbeing and vitality in working spaces. Smart Technology gives real-time information about energy consumption, the indoor climate and the wellbeing of employees.



Smart Sustainable Districts

The New Centre Utrecht (Jaarbeurs and Central Station) is a European exemplar of sustainability in urban planning. It is drawing on the knowledge and expertise within Climate-KIC to implement some of the most cutting edge innovations in district heating, energy generation, climate proofing and low carbon mobility.



Smart Solar Charging 4 Cars

Is a citizen-initiative to use electric cars powered by solar energy generated in their own neighbourhood. The initiator, LomboXNet, has developed this pioneering initiative with organisations including the City of Utrecht, Province, Stedin, Renault, Nissan and GE. You can see for yourself how it works - electric car included.



Solar E-bike Station

TU Delft is piloting a series of stand-alone e-bike charge stations on its campus. Solar panels generate energy to charge e-bikes and e-scooters. The system incorporates measurement instruments to collect data and improve the charging stations. The next step is working on pavements that generate electricity.





Programme

16.00-16.30 Arrival

16.30-18.00 Inspiring plenary sessions

Welcome – *Tom Bakkum, Director Climate-KIC Benelux*

Partnering as a profession – *Wilma Roozenboom, Partnerships for sustainable development*

Behavioural insights for a sustainable society – *Lars Moratis, Lector Sustainable Businesses NHTV - Founder ImpactAcademy*

Let's build a sustainable business with real impact, Inside stories from *Maurits Groen, Serial Sustainability Entrepreneur*

18.00-20.00 Innovation Experience, with drinks

Meet the innovators of the construction, transport, energy, agriculture and water sector. Be inspired by their innovative ideas.

Start-ups:

Bambooder – FlorAccess – Gerrard Street – Kartent – ParkBee – Tocano

Projects:

2ndSkin – ABC Kroos – Bio-Up – Blue Energy – CarbonLed – Façade Leasing – Floated Water Bridge – Memstill – SME Energy Checkup – Naked Energy – OfficeVitae – Smart Solar Charging 4 Cars – Smart Sustainable Districts – Solar e-bike charger

Location

Leeuwenbergh

Servaasbolwerk 1a
3512 NK Utrecht
the Netherlands

Click [here](#) for the route description.



Information & Contact

Follow the latest news of this event via our [Facebook page](#).

If you have any questions of this event, please contact Marjon Eijpe, Event- & Community Manager Climate-KIC Benelux.

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Over Climate-KIC

Climate-KIC is the EU's largest public private partnership addressing climate change through innovation to build a zero carbon economy. We address climate change across four priority themes: urban areas, land use, production systems, climate metrics and finance. Education is at the heart of these themes to inspire and empower the next generation of climate leaders.

We run programmes for students, start-ups and innovators across Europe via centres in major cities, convening a community of the best people and organisations.

Our approach starts with improving the way people live in cities. Our focus on industry creates the products required for a better living environment, and we look to optimise land use to produce the food people need.

Climate-KIC is supported by the European Institute of Innovation and Technology (EIT), a body of the European Union.

www.climate-kic.org