



Green Finance: Overcoming Barriers to Low Carbon Investments

PhD Summer School on Urban Climate Finance in the Global North and South
17-30 September 2016 – Frankfurt am Main

Cities are the nexus for climate action. An annual incremental \$0.4 trillion to \$1.1 trillion investments will be necessary to set cities worldwide on a low-carbon and resilient development path. This challenge will have to be faced simultaneously by both developed and emerging countries, recognising their very different contexts and capabilities. Explore in our Summer School how these barriers to climate finance vary and how lock-in effects can be overcome. During the two-week programme, you will develop an action plan for relevant stakeholders in the field - and differentiate between the challenges in the global north and the global south.

Frankfurt, Germany, is the ideal location to learn about the role of the financial sector in the green transition towards a low carbon society. You will be at one of the financial centres in Europe which is home to the European Central Bank and other large international financial institutions. Turn your research into practice in one of Europe's leading places on Finance innovation!

This Summer School is organised in cooperation with:



Challenges

As a practical assignment, the participants will work on innovative solutions for helping cities accessing to climate finance. They will have the opportunity to work for the city of Frankfurt (as an example of the challenges in the global north) and for the city of Medellín, Colombia (as an example for the challenges in the global south).

- » What is the overall challenge of urban climate finance from different (theoretical and practical) perspectives?
- » What are the specific urban climate finance challenges for cities in the global north and in the global south?
- » What may be innovative solutions for cities to finance their urban climate investments?
- » What barriers need to be overcome in order to attract new funds and to make the desired investments?
- » How may financial instruments be used as well to accelerate a transition to a low carbon society (e.g. through increased participation of citizens)?



Learning objectives

The **Purpose** of the Climate-KIC PhD Summer School in general is:

- » To equip participants with the knowledge of transformative, socio-technical innovation using a systems approach to deliver knowledge on the concept of Green Finance (e.g. green bonds, result-based finance, carbon credits, climate-related investment funds; climate finance tracking/ landscape, ...).
- » To exchange ideas between students and experts and to develop new project ideas for financing green investments.
- » To enable PhD students to link their individual research projects to low carbon finance and innovation activities.

It is a unique opportunity for you:

- » To combine theory with practice in the field of green finance and transition management.
- » To learn how cities in the global north and the global south are trying to finance green investments.
- » To develop a concise proposal how a city in the global north or the global south should act in the light of its specific urban climate finance challenge.
- » To meet, discuss and question key business leaders and policy-makers.
- » To get in touch with people from all over the world and to work in interdisciplinary teams.

Learning and Training Modules

The Summer School will include theoretical elements, practice-oriented parts and project work. It will cover the following topics, each in the two dimensions, basic and applied theory as well as practical examples:

- » Green Finance
- » Transitions Management
- » (cross-sectorial) Innovation

A: Lectures and Theoretical Elements

Background information will be provided by experts from academia and practise, for example on the following topics:

- » Green Finance
- » Introduction into systems thinking and transition management
- » Multi-level perspective and actor analysis



B: Practical Elements

Practical application of concepts will be showcased in discussions with practitioners (finance sector; city representatives) and excursions/site visits. The following practical elements will be provided:

- » City excursions, highlighting transition challenges in the metropolitan area Frankfurt-Rhein-Main
- » Discussions with city authority and business experts - highlighting management challenges related to the Green Transition (business potentials and risks)
- » Background discussions with leading experts from the finance industry (e.g. Commerzbank, European Central Bank)

C: Assignment/Project Work

As a Summer School Assignment, participants will develop (in groups) concepts for green finance from a city perspective. The outcome of the assignment will be presented and discussed in a workshop on the final day of the Summer School. As part of a small competition, the best outcomes will be rewarded. The Summer School will be accompanied by coaches who shall provide guidance for the students in terms of the assignment and learning outcomes of the school. A framework for the development of the project plan will be provided by lecturers/coaches.

Registration & Costs

Please register for this summer school through our Climate-KIC.org website.
www.climate-kic.org/programmes/phd-summer-schools/application-form/

Deadline for registration is July 15, 2016. We accept students on a running basis and applicants will be notified about acceptance on August 1st. You are asked to confirm your attendance at least six weeks ahead.

The PhD Summer School is an integral part of Climate-KIC's PhD programme, which means that fees are fully covered for Climate-KIC labelled students. For all other participant the following fees apply:

- » €500 for PhDs from Climate-KIC partner universities and EU citizens
- » €2000 for non-EU passport holders

The fee of the programme includes:

- » Accommodation (in double rooms)
- » Breakfast and lunch
- » Local transportation in Frankfurt

Participants need to cover the travel costs to and from the destination themselves. After the confirmation of acceptance, you will receive an invoice. Course fees need to be paid three weeks before the start of the programme.

For more information, please visit our website at

www.climate-kic.org/programmes/phd-summer-schools
www.ckic-phd-ffm.net

For further questions, contact:

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Programme

Week 1 (18 – 25 September)

Main Goals:

- » Understanding the challenge
- » Getting to know important theoretical concepts
- » Identifying the group work topics

Sunday 18 September

Arrival

Monday 19 September

Official Welcome

- » Setting the scene: The Green Finance Challenge for cities
- » Introduction into Transition Management
- » Joint dinner

Tuesday 20 September

The Green Finance challenge in the Global North – the perspective of the city of Frankfurt

- » Introduction of the city's Masterplan Frankfurt 2050
- » Introduction of the challenge
- » Examples of regional initiatives and businesses
- » Outline of the group assignments: expected outputs, processes

Wednesday 21 September

Academic Coaching – linking the Summer School theme to your individual PhD research projects

- » Individual scientific career paths
- » Positioning the individual research projects in a transition and green finance context

Thursday 22 September

The Green Finance Challenge in the global South – the perspective of the city of Medellín, Colombia

- » Introduction of the city's challenge
- » Examples of regional initiatives
- » Formation of working groups for the group assignment

Friday 23 September

Climate-KIC Theme Day “Decision Metrics and Finance”

- » Lectures and discussions with business experts on Green Finance
- » Joint dinner

Weekend

Explore the city and Rheingau trip (voluntary, costs not covered)



Week 2 (26 – 30 September)

Main Goals:

- » Working in groups on the development of green finance concepts for the city of Frankfurt and the city of Rajkot
- » Preparing and presenting the group works on the assignments

Monday 26 September

Global North In-Depth

- » 3 Workshops deepening knowledge on urban climate finance in the Global North
- » Time for group work on assignments

Tuesday 27 September

Global South In-Depth

- » 3 Workshops deepening knowledge on urban climate finance in the Global South
- » Time for group work on assignments

Wednesday 28 September

Out of the Box

- » World Café on project ideas
- » Time for group work on transition assignments

Thursday 29 September

Training

- » Time for group work on assignments
- » Test run for the presentations in front of the jury

Friday 30 September

Final Pitches

- » Presentation of group works to a jury consisting of academic experts on green finance, transition management, practitioners and city representatives
- » Announcement of jury decision
- » Debriefing session

