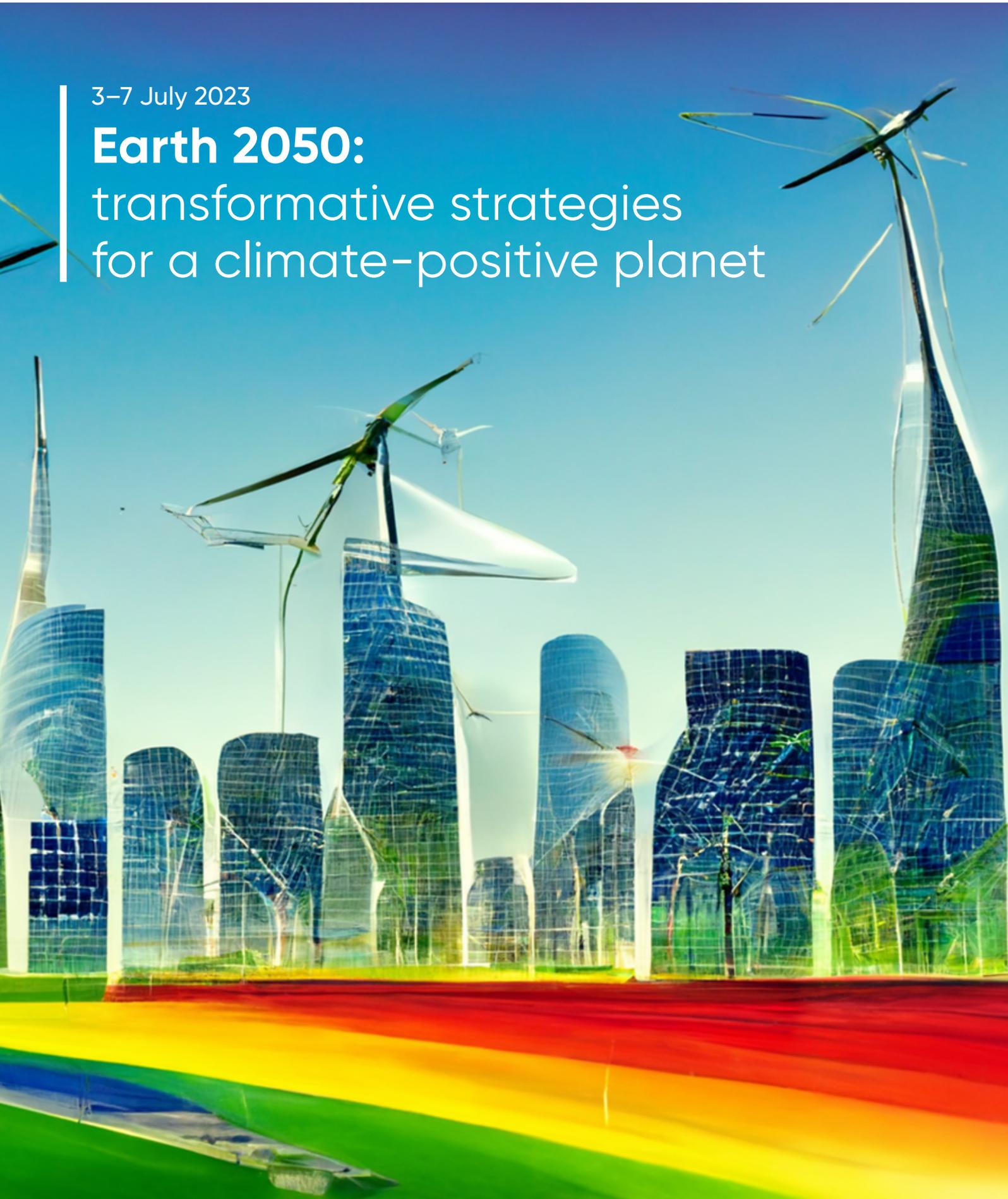




3–7 July 2023

Earth 2050: transformative strategies for a climate-positive planet



IKEM ACADEMY ENERGY & CLIMATE

3–7 July 2023

Earth 2050: transformative strategies for a climate-positive planet

The science is clear: reaching **carbon neutrality by 2050 will require rapid and radical changes** that affect all aspects of society.

But the most effective course of action is far less straightforward. After all, **energy and climate aren't isolated topics**; they're embedded within a broader political, legal, economic and social context.

Current news headlines highlight this complexity. Amid the **global fallout from crises** like the COVID-19 pandemic and Russia's invasion of Ukraine, discussions of renewable energy production now raise questions related to interna-

tional agreements, national policy, human rights and economic growth.

Given these interconnected challenges, how realistic is radical change? What's the most promising path forward when even modest decarbonisation efforts face political, legal, economic and social obstacles?

IKEM Academy 2023, titled *Earth 2050: transformative strategies for a climate-positive planet*, investigates how **bold action and out-of-the-box thinking** can empower communities, foster inclusive decision-making, build resilience – and pave the way towards carbon neutrality by 2050.

This year's 5-day programme features **interactive workshops, presentations, a site visit and panel discussions** led by renowned energy and climate experts.

Discussion topics will include:

- How do we **ramp up renewables** quickly enough to reach our climate goals?
- In an era of deepening global conflict and crisis, how can we **build consensus** for climate action?
- How can **collaborative policy-making** and **bottom-up litigation** accelerate the transition to climate neutrality?
- What role can new digital technologies and artistic initiatives play in **promoting collaborative responses**?



ABOUT IKEM ACADEMY: ENERGY AND CLIMATE

IKEM Academy is an interdisciplinary, international and innovative programme organised annually in close collaboration with the University of Greifswald. For 2 decades, it has served as a leading international forum for highly qualified researchers and professionals who work in energy- and/or climate-related fields.

The Academy's teaching faculty consists of renowned researchers, professors, industry representatives and government officials with expertise in the programme topic.

WHAT'S ON THE AGENDA IN 2023?

This year's 5-day programme features interdisciplinary seminars, panel discussions, a site visit and interactive workshops. As a participant, you'll have an opportunity to collaborate with others in climate- and energy-related fields as you:

- **apply** the principles of design thinking to create a sustainable city
- **visit** a renewable energy site to see how local energy solutions can become global success stories
- **learn** how inclusive policy-making can build consensus around sustainable development
- **design** a hypothetical climate lawsuit to increase climate ambition
- **find out** how cities are increasing local climate resilience
- **see** how artists and digital innovators are pioneering unique methods to inspire climate action



WHO SHOULD ATTEND?

IKEM Academy is open to **30-35 participants who study or work in climate- and energy-related fields** or have a particular interest in the issues covered in this year's programme. Applicants are selected based on academic and/or professional qualifications and must have experience relevant to the topic.

HOW TO APPLY

Fill out the application form at <https://academy.ikem.de> and submit it by **31 May 2023**. Qualified applicants are selected on a first-come, first-served basis. The number of spaces is limited, so apply early!

PROGRAMME HIGHLIGHTS

DAY 1

Meet fellow participants, speakers and the IKEM team for a welcome drink and food at the community brewery Brauhaus Neulich, Berlin's sustainable beer bar that brews their own craft beer, powered by renewable energy!



DAY 2

In an interactive workshop, apply the principles of design thinking to build a sustainable city.

Deep-dive into Germany's strategy to ramp-up renewables by 2030, and be climate neutral by 2045.

Tour 50Hertz, the German transmission system operator responsible for connecting record-amounts of renewables to the grid!

DAY 3

Examine how policy-makers can build consensus around sustainable development in the face of conflict and uncertainty.

In an interactive workshop on climate litigation, role-play as a key stakeholder in the lawsuit and get hands-on experience about the legal process to hold parties accountable for emissions and increase climate ambition.

DAY 4

Learn how decision-makers are adapting sustainable development strategies to location-specific characteristics – including local preferences, landscape characteristics, planning requirements, land rights and cultural heritage – to encourage public participation.

Examine creative plans for design, architecture and mobility that are building climate resilience in urban areas.

DAY 5

See how artists and digital innovators are using a range of formats – like games, AI-generated art and digital platforms – to broaden the reach of climate change education and inspire action.

Relax and mingle with fellow participants, speakers and organisers at a farewell barbecue.



DAY 1

Welcome drinks & finger food

Monday, 3 July 2023 | 17:30 GMT+2 | Brauhaus Neulich, Selchower Str. 20, Berlin

Meet fellow participants, speakers and the IKEM team for a welcome drink and food at Brauhaus Neulich, Berlin's sustainable beer bar that brews their own craft beer, powered by renewable energy!



DAY 2

Collaboration and innovation towards 100% renewables: Workshop and site visit

Tuesday, 4 July 2023 | 09:30 –17:00 GMT+2

09:30

Opening of the IKEM Academy 2023

Anika Nicolaas Ponder

Head of Climate & Innovation
IKEM | Berlin, Germany

12:30

Lunch

14:00

SITE VISIT
50Hertz - Transmission System Operator for all of North East Germany

10:15

PARTICIPATORY WORKSHOP
Creative collaboration for 100% renewable energy

Bernd Riedel

Executive Creative Director
Ellery Studio for Creative Strategy |
Berlin, Germany

16:00

End of Day 2





DAY 3

Legal and policy approaches to encourage engagement and accelerate climate action

Wednesday, 5 July 2023 | 09:30 –17:00 GMT+2

| | | | |
|-------|--|-------|---|
| 09:30 | Welcome Prof. Michael Rodi Director IKEM Berlin, Germany | 14:15 | PANEL Power to the people: The rise of the climate lawsuit Moderation Dr. Kathleen Pauleweit Research Associate IKEM Berlin, Germany Francesca Mascha Klein Lawyer ClientEarth Berlin, Germany Dr. Kate McKenzie Director Climate Change Litigation Initiative (C2LI) Glasgow, Scotland Tiffanie Chan Research Assistant Grantham Research Institute on Climate Change & the Environment London, UK |
| 10:00 | Climate policy and climate action: The big picture Susan Wilms Managing Director IKEM Berlin, Germany | | |
| 10:15 | The European energy crisis: where do we go from here? Dr. Andrzej Ancygier Senior Energy & Climate Policy Analyst Climate Analytics Berlin, Germany | | |
| 11:00 | Coffee break | | |
| 11:30 | A gendered lens for inclusive sustainable transitions: working towards co-produced climate policy mixes Dr. Jenny Lieu Assistant Professor, Multi-Actor Systems TU Delft, The Netherlands | 15:15 | Coffee break |
| 12:30 | Lunch | 15:45 | PARTICIPATORY WORKSHOP Climate change in court: navigating complex multi-party disputes Dr. Kate McKenzie Director Climate Change Litigation Initiative (C2LI) Glasgow, Scotland Lydia Omuko-Jung Senior Legal Consultant Climate Focus Berlin, Germany |
| 13:30 | Climate litigation: global trends, risks and opportunities Tiffanie Chan Research Assistant Grantham Research Institute on Climate Change & the Environment London, UK | 17:00 | End of Day 3 |





DAY 4

Sustainability strategies towards 2050: A green and liveable planet for all

Thursday, 6 July 2023 | 09:30 –16:00 GMT+2

| | | | |
|-------|--|-------|--|
| 09:30 | <p>When water becomes a threat: how to incorporate the social dimension into flood risk management</p> <p>Dr. Guadalupe Ortiz Noguera Professor for Sociology University of Alicante, Spain</p> | 13:45 | <p>Offshore wind and tomorrow's energy system: High capacity on the high seas</p> <p>Andreas Mummert Head of Berlin Office German Offshore Wind Energy Foundation Berlin, Germany</p> |
| 10:30 | <p>Green hydrogen: Practical insights on the road to 2030</p> <p>Dr. Ina Hahndorf Lead of Project Coordination HH2E</p> | 14:30 | Coffee break |
| 11:15 | Coffee break | 15:00 | <p>PANEL The city of the future: Green innovation strategies for a sustainable urban society</p> <p>Moderation Dàmir Belltheus Avdić Deputy Head of Department Climate & Innovation IKEM</p> <p>Philipp Riegebauer Head of Global Operations BABLE Smart Cities</p> <p>Dr. Benjamin Seibel Director CityLAB Berlin, Technologie Stiftung Berlin Berlin, Germany</p> <p>Dr. Alexandra Appel Head of Mobility IKEM Berlin, Germany</p> |
| 11:45 | <p>Phasing out fossil fuels: The potential of a Just Transition in South America</p> <p>Grace Quiceno Soto Ph.D Candidate FossilExit Research Group Berlin Institute of Technology Berlin, Germany</p>  | | |
| 12:30 | Lunch | | |
| | | 16:15 | <p>End of Day 4</p>  |



DAY 5

Creative climate collaboration: future-forward initiatives at the intersection of science and art

Friday, 7 July 2023 | 09:30 –21:00 GMT+2

09:30

From imagination to action: how solarpunk and speculative futures can drive sustainable change

Sebastian Plate

Research associate
Foresight & participation
Ellery Studio | Berlin, Germany



10:30

Storytelling for impact: the role of narratives in advancing systemic change

Damaris Agweyu

Founder and CEO
Qazini | Nairobi, Kenya

11:30

Coffee break

11:45

Citizen engagement: Bottom-up creativity and collaboration in the energy transition

Dr. Oliver D. Liebig

Project Manager
Vor Ort Energie | München, Deutschland

12:30

Lunch



14:00

PANEL

New platforms for change: innovative digital formats to accelerate climate action

Moderation

Anika Nicolaas Ponder

Head of Climate & Innovation
IKEM | Berlin, Germany

Friederike Skorning

ENGAGE Project Manager
100 Prozent erneuerbar
stiftung | Berlin, Germany

Fabian Reetz

Co-Founder
Everyone Energy | Berlin, Germany

Brady Kuehl

Digital Lead
Ellery Studio | Berlin, Germany

Johanna Grosche

Research Associate
IKEM | Berlin, Germany

15:15

End of the conference

18:00

Evening programme

- * Future Booth
- * Barbecue
- * Renewables powered karaoke





IKEM
ACADEMY
ENERGY & CLIMATE




CLIMATE CHANGE CENTER
Berlin Brandenburg

Organised by:
IKEM | Institute for Climate Protection,
Energy and Mobility

IKEM Academy 2023 is supported by
Lotto Stiftung Berlin & the Climate Change center Berlin Brandenburg

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