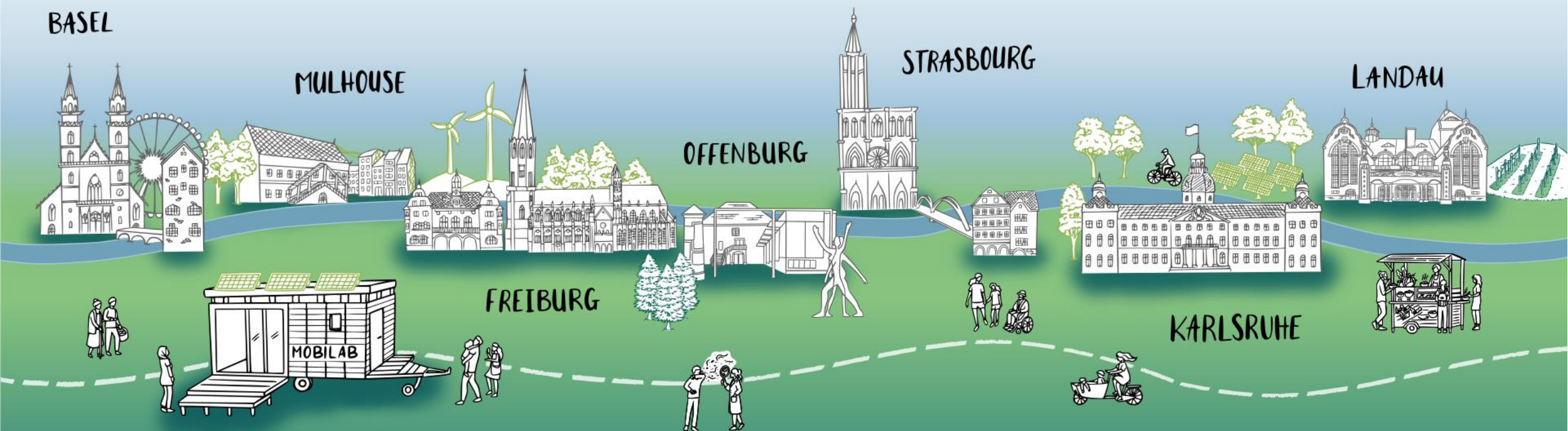


# Eucor Mobilab Roadshow 2025

Science and society together for a sustainable future in the Upper Rhine

## Program schedule Landau



	Di 3.6.	Mi 4.6
10:00 - 14:00	<p><b>PFAS – Perpetual chemicals in everyday life and the environment</b> 10:00-14:00 (Ecotoxicology &amp; Environment working group, RPTU)</p> <p><b>Self-experiment generator</b> 10:00-14:00 (Karlsruher Transformationszentrum für Nachhaltigkeit und Kulturwandel (KAT))</p> <p><b>Escape the Crisis: Save your city from flooding</b> 11:00-14:00 (Green Office of the RPTU)</p> <p><b>Identification of the development mechanisms of bearing damage</b> 10:00-15:00 (RPTU)</p>	<p><b>PhysicsLab student Workshop</b> 10:30-12:30 (PhysicsLab, RPTU)</p>
14:00 - 18:00	<p><b>Introductory Talk and expert talk – Our forests in a changing climate Regime</b> 14:00-15:00 (Clim'Ability Care)</p> <p><b>Climate protection-related funding program of the City for private individuals</b> 16:00-16:40 (Climate office of the city of Landau)</p> <p><b>Climate change adaptation measures in the city</b> 16:40-17:00 (Climate office of the city of Landau)</p> <p><b>Advice on saving energy at home</b> 17:00-18:00 (Climate office of the city of Landau)</p>	<p><b>PFAS Citizen Science Workshop</b> 14:00-16:00 (Ecotoxicology &amp; Environment working group, RPTU; MuT, KIT)</p> <p><b>Climate Puzzle – Quiz game</b> 12:00-16:00 (Climate Fresk Deutschland e.V.)</p>
18:00 - 20:00	<p><b>Party with Singer &amp; Songwriter <i>joonas</i> from Landau</b> 18:00-20:00</p>	

Information event

Networking

Interactive activity

Workshop

Lecture

Poster-exhibition

# Tuesday June 3.

## Poster-exhibition – “PFAS – Perpetual chemicals in everyday life and the environment”

Researchers from the Department of Natural and Environmental Sciences at RPTU provide vivid and realistic information on the topic of PFAS chemicals.

**When?** Tue., 03.06.: 10:00-14:00

**Contact:** Prof. Dr. Ralf Schulz ([r.schulz@rptu.de](mailto:r.schulz@rptu.de)), Ecotoxicology & Environment working group, RPTU

## Interactive activity – “Self-experiment generator”

How can everyday life be made more sustainable? A self-experiment helps to question ingrained routines and invites you to playfully examine your own behavior and try new things – be it through less consumption, conscious nutrition, or new forms of living together. Try out what suits you and discover new perspectives for a more sustainable life. With support and inspiration from the Karlsruhe Transformation Center for Sustainability and Cultural Change.

**When?** Tue. 03.06., 10.00 – 14.00

**Contact:** Pia Laborgne ([pia.laborgne@kit.edu](mailto:pia.laborgne@kit.edu)), Karlsruher Transformationszentrum für Nachhaltigkeit und Kulturwandel (KAT)/KIT,

## Poster and Modell exhibition – “Identification of the development mechanisms of bearing damage”

In a research group funded by the DFG, mechanisms behind bearing damage are being investigated, as they can occur in many components, including wind turbines. Our research aims to make it possible to improve materials so that components can be used for longer periods.

**When?** Tue., 03.06.: 10:00-15:00

**Contact:** Prof. Dr.-Ing. Eberhard Kerscher, Mechanical and process engineering, RPTU

# Tuesday June 3.

## **Interactive activity – “Escape the Crisis: Save your city from flooding”**

The Green Office has developed an escape game in which you can face the climate crisis. Combine cleverly, make the right decisions, and save your city! You can also find out more about RPTU's diverse activities in the field of sustainability

**When?** Tue., 03.06.: 11:00-14:00

**Contact:** Tobias Röhr ([tobias.roehr@rptu.de](mailto:tobias.roehr@rptu.de))

## **Lecture – “Introductory Talk and expert talk – Our forests in a changing climate Regime”**

The experts Paul Averbeck (RPTU) and Prof. Florence Rudolf (INSA Strasbourg), from the Interreg project Clim'Ability Care, welcome you to join them for a slide show on climatic stressors and their impact on forests.

**When?** Tue., 03.06.: 14:00-15:00

**Contact:** Paul Averbeck ([averbeck.p@rptu.de](mailto:averbeck.p@rptu.de)), RPTU, Prof. Florence Rudolf ([florence.rudolf@insa-strasbourg.fr](mailto:florence.rudolf@insa-strasbourg.fr)), INSA Strasbourg,

## **Lecture – “Climate protection-related funding program of the City for private individuals”**

Balcony power station, cargo bikes, thermal insulation – the city of Landau supports these and more with subsidies. Climate protection pays off and is rewarded. Find out what opportunities are available to you.

**When?** Tue., 03.06.: 16:40-17:00

**Contact:** Marcel Wilhelm ([marcel.wilhelm@landau.de](mailto:marcel.wilhelm@landau.de))

# Tuesday June 3.

## **Lecture – “Climate change adaptation measures in the city”**

What is the city of Landau doing to counter the consequences of the climate crisis, and what can I do personally? A special focus of the lecture is on heat prevention. Learn how we can make the city more livable to better handle extreme heat periods. Also, how you can better protect yourself with certain adjustments and behaviors.

Additionally, you will receive practical tips on green roofs and façades, which not only beautify the cityscape but also contribute to cooling and improving the microclimate.

**When?** Tue., 03.06.: 16:00-16:40

**Contact:** Daniel Fenrich ([daniel.fenrich@landau.de](mailto:daniel.fenrich@landau.de))

## **Information event – “Advice on saving energy at home”**

What can I do to reduce my consumption and energy costs? Do you have questions about thermal insulation, heating, saving electricity, solar energy, etc.? Then come to the free consultation offered by the Climate Department of the City of Landau. Energy consultant Dipl.-Ing. Oliver Decken will help you. The consultation is aimed at tenants, apartment owners, and homeowners. Bring your electricity or gas bill, building plans, or photos of your apartment or house. Using electricity and heat efficiently is becoming increasingly important both for your wallet and our climate.

**When?** Di., 03.06.: 17:00-18:00

**Contact:** Oliver Decken ([oliver.decken@landau.de](mailto:oliver.decken@landau.de))

## **Opening & Networking – „Party with Singer & Songwriter „joonas“ from Landau“**

Official opening of the MobiLab Station with a welcome speech by Prof. Dr. Oliver Frör, Vice President for International Affairs, Sustainability, and Structural Development, RPTU Landau Campus. Followed by a social get-together at MobiLab with live music and drinks.

Target audience: students, researchers, and administrative staff of RPTU and the city of Landau.

**When?** Tue., 03.06.: 18:00-20:00

# Wednesday June 4.

## Workshop – “PhysicsLab student lab”

Workshop for students aged 14 and over on the topic of green energy. At our PhysicsLab, the student lab of the Department of Physics at RPTU in Kaiserslautern, you can expect diverse and vivid experiments for everyone – to research and experience yourself. The “Green Energy – Wind and Solar Power” workshop gives you exciting insights into the forward-looking field of renewable energies.

Have you ever wondered why wind turbines usually have three rotor blades and how solar cells actually work? Find out for yourself! Experiment with solar cells and examine how to generate the most electricity with them. Take a closer look at wind turbines and find out how you can optimize electricity production with different rotor blades.

**When?** Wed., 04.06.: 10:30-12:30

**Contact:** Britta Leven ([britta.leven@rptu.de](mailto:britta.leven@rptu.de))

## Interactive activity – “Climate Puzzle – Quiz game”

At the MobiLab, you will get a first insight into the Climate Puzzle, a workshop known worldwide as ‘Climate Fresk’, which has already been attended by over 2 million people. Using a 5–10 minute quiz, you will discover this “serious game” which playfully conveys in-depth knowledge about the climate system and climate change, promotes interdisciplinary thinking, and offers space for open dialogue and solution-oriented discussion.

The workshop is based on IPCC (Intergovernmental Panel on Climate Change) reports and is “played” in teams. Further information on the Climate Puzzle can be found on the NGO Climate Fresk’s website: <https://climatefresk.org/de-de/>

**When?** Wed., 04.06.: 12:00-16:00

**Contact:** Aude Pélisson-Schecker, [klimapuzzle-aps@posteo.de](mailto:klimapuzzle-aps@posteo.de)

## Workshop – “PFAS Citizen Science Workshop”

Researchers from the Department of Natural and Environmental Sciences at RPTU together with researchers from KIT will discuss approaches on how to integrate citizen science into scientific research on the environmental toxicity of PFAS.

**When?** Wed., 04.06.: 14:00-16:00

**Contact:** Prof. Dr. Ralf Schulz([r.schulz@rptu.de](mailto:r.schulz@rptu.de)), Ecotoxicology & Environment working group, RPTU, Dr. Richard Beecroft ([richard.beecroft@kit.edu](mailto:richard.beecroft@kit.edu)), KIT