The logo for ENERTRACKS, featuring a stylized graphic of three horizontal bars of varying lengths on the left, with the word "ENERTRACKS" in a bold, dark green, sans-serif font to the right.

# ENERTRACKS

Training Climate and Energy Transformation  
Experts for Tomorrow



## Imprint

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### ENERTRACKS IS A PROGRAM OF



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based on a decision of the German Bundestag

This project is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) supports this initiative on the basis of a decision adopted by the German Bundestag. The views expressed in this brochure are the sole responsibility of the author/s and do not necessarily reflect the opinion of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety.

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# THE ENERTRACKS TRAINING PROGRAMME AT A GLANCE

## Overview

Informed specialists play a crucial role in tackling global climate issues and shaping the energy systems of tomorrow. Although energy policy is primarily national policy, all national energy transitions also have a lot in common: international climate commitments, low carbon technologies, traded energy commodities, best practices for regulatory principles, market design, and more.

To foster international expertise and knowledge transfer, Agora Energiewende teamed up with the Renewables Academy (RENAC) and other partners to develop the EnerTracks Training Programme.

EnerTracks aims to share sector-specific knowledge with independent thought leaders and support institutions working on the transformation of energy systems in low- and middle-income countries.

**EnerTracks is made up of the following training paths, which can be combined or taken individually:**

-  The Fellowship Programme
-  The Study Tour Programmes (virtual & in-person)
-  The Online Modules
-  The Power to X Fellowship Programme (coming soon!)



## Funding

Supported by:



Federal Ministry for the Environment, Nature Conservation and Nuclear Safety



INTERNATIONAL CLIMATE INITIATIVE

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# ENERTRACKS PARTICIPANTS



## What is the EnerTracks Alumni network?

Upon successful completion of the programme, alumni of the Fellowships and Study Tours are invited to join the EnerTracks Alumni Network. The alumni programme offers former participants the opportunity to deepen contacts, exchange ideas, and continue their EnerTracks experience through further events and training opportunities. Since the launch of the network in March 2021, over 85 participants have joined the alumni network, and the EnerTracks team continues to collaborate closely with alumni to develop the network further.



**24** Fellowship programme alumni



**92** Study Tour programme alumni



**202** certified „Energy Transformation Experts”



# THE FELLOWSHIP PROGRAMME

## Overview

The 6-week EnerTracks Fellowship Programme is designed for early-career think tank professionals and/or non-profit professionals from [Official Development Aid \(ODA\) recipient countries](#).

## How it works

A small group of eight fellows is invited to come to the Agora Energiewende office in Berlin, Germany. Each fellow continues working part-time for their home institution while participating in training sessions that are prepared and facilitated by Agora Energiewende energy experts. These multi-disciplinary sessions cover a variety of topics such as energy markets, power system flexibility, and research methodologies, among others. Supplemental online and reading material, as well as group discussions, complement each of these sessions.

With the support of their Agora Energiewende mentors, each fellow tackles one specific transformation topic of their choice. The topic should be relevant from the perspective of the fellow's own organisation, with the intention of transferring the learnings into their domestic work.

## Programme highlights

- Circa 45 hours of tailored sessions delivered and prepared by the Agora Energiewende teams
- Inclusion in the day-to-day work of Agora Energiewende's Berlin office
- One-to-one mentoring from Agora Energiewende experts
- The opportunity to publish an article on the Agora Energiewende blog
- Excursion to the Agora Energiewende office in Brussels
- Access to the EnerTracks alumni network

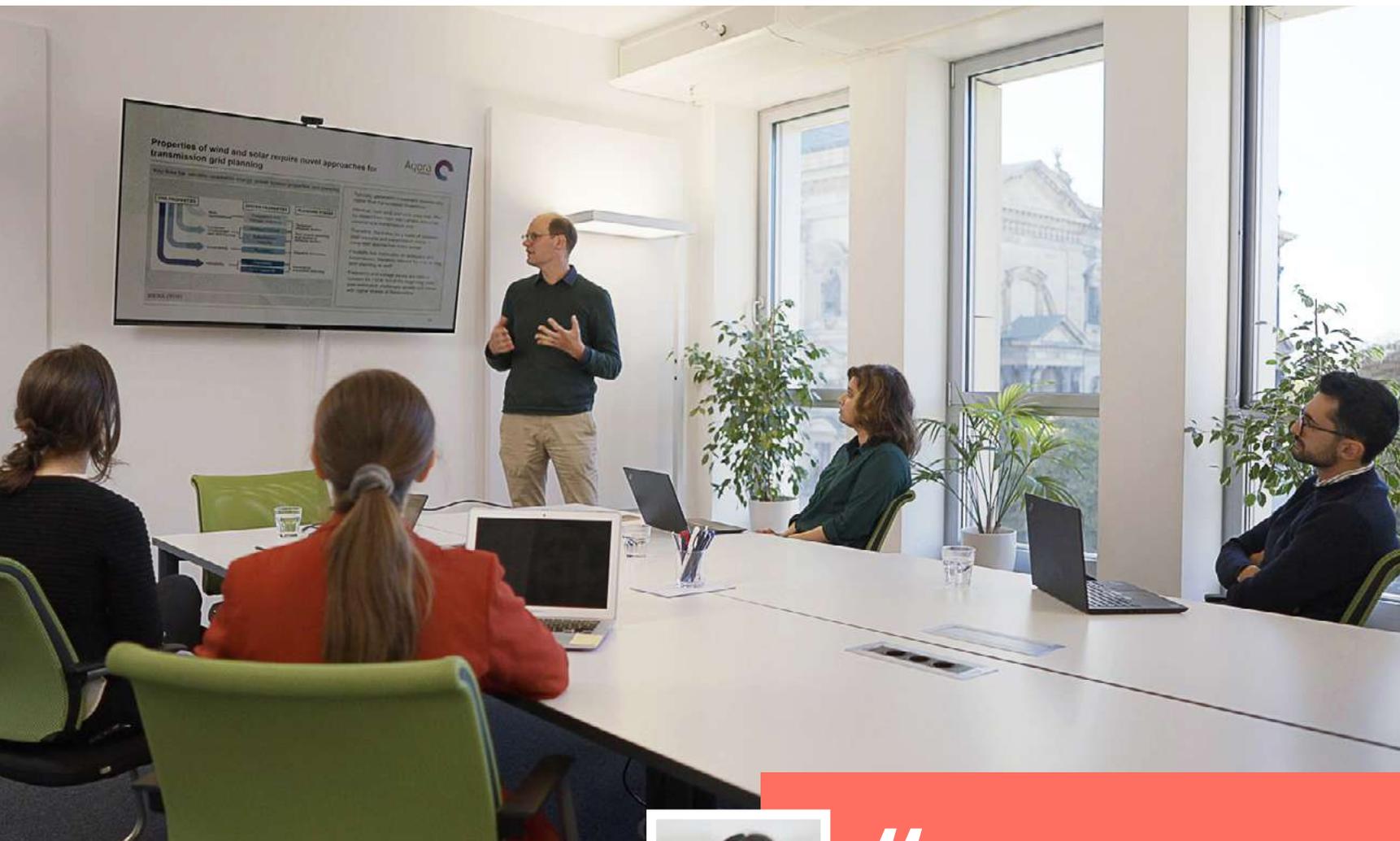
## Logistics and Accommodation

### All EnerTracks fellows receive:

- A travel grant covering half of the costs of participants' international travel expenses (excluding visa costs)
- All-expenses paid accommodation in Berlin
- In-country public transportation tickets
- A modest daily stipend
- Available office space at our office in the heart of Berlin
- Health insurance
- A letter of support for visa application processes

### Fellowship implementation partners





“ I learnt a lot from Agora’s staff in terms of project development: how economics, engineering, communication and advocacy interact to steer the energy transition. I also gained a lot by spending time with the other fellows, learning from their experiences and concerns.

Daniela Gomel, EnerTracks Fellow & Study Tour participant (2019)



# THE STUDY TOUR PROGRAMMES

## Overview

The virtual and in-person Study Tour programmes are designed for early-career individuals from [Official Development Aid \(ODA\) recipient countries](#) who are affiliated to or employed by thinktanks and/or non-profit organisations.

## How it works

Over the course of 5.5 weeks (virtual Study Tour over Zoom and Mural) and 2 weeks (in-person study tour on site in Berlin, Germany), a select group of 12-16 energy transition professionals are provided with immersive training: either in Berlin or from the comfort of their own home. During the tour, participants receive intensive training in stakeholder engagement, electricity modelling, and design thinking. Under the guidance of RENAC and Agora Energiewende experts, participants work together in small groups and learn how to develop a comprehensive decarbonisation roadmap.

## Programme Highlights

- Introduction to Electricity System modelling course by NEON Energie
- Design thinking training by Launchlabs
- Interactive stakeholder engagement roleplay and decarbonisation roadmap group work
- On completion of the programme, a certificate documenting participation will be provided
- Access to the EnerTracks alumni network
- Online Study Tour: Additional live sessions with RENAC and Agora Energiewende experts on topics such as renewable energy finance, and stakeholder engagement
- In-person Study Tour: Field trip to Feldheim, a 100% renewable energy self-sufficient, climate neutral village outside of Berlin

## Logistics and Accommodation (in-person study tours only)

### All EnerTracks in-person Study Tour participants receive:

- A travel grant covering half of the costs of participants' travel expenses (excluding visa costs)
- All-expenses paid food and accommodation in Berlin
- In-country public transportation tickets
- Health insurance
- A letter of support for visa application processes

Study tour  
implementation  
partners





*“ The virtual study tour was an incredible journey for me – I appreciated the prodigious training content and innovative ideas, as well as the collaborative working environment, and a wonderful diversity of participants from across the world. I am deeply thankful to the Agora Energiewende and RENAC teams for organizing such a well-structured and informative training program.*

Ubaid ur Rehman Zia, EnerTracks virtual Study Tour participant (2021)



*“ EnerTracks was a great opportunity to learn more about the different challenges for an equitable energy transition. The study tour helped me develop my energy system modelling skills and integrate them with science-based policy recommendations to achieve economy-wide decarbonization. Also, it's a great network of energy and environmental changemakers.*

Mahmoud Abouelnaga, EnerTracks in-person Study Tour participant (2020)



# FELLOWSHIP AND STUDY TOUR ELIGIBILITY CRITERIA

To be considered for the EnerTracks Fellowship and Study Tour programmes, applicants should

<b>Nationality</b>	<ul style="list-style-type: none"> <li>✓ Be a national of an <a href="#">Official Development Aid</a> (ODA recipient) country</li> </ul>	
<b>COVID-19 precautions (in-person only)</b>	<ul style="list-style-type: none"> <li>✓ Due to German regulations, we ask that in-person participants be able to provide <b>proof of complete vaccination protection</b> against the SARS-CoV-2 coronavirus. For information about which vaccines are accepted please consult the <a href="#">website of the Paul Ehrlich Institute</a>.</li> </ul>	<ul style="list-style-type: none"> <li>ⓘ Depending on the place of departure, participants might also need to provide a negative test result or proof of immunity and comply with quarantine regulations. For detailed information about which COVID-19 entry restrictions might apply to your circumstance, please consult the German Embassy in your country.</li> </ul>
<b>Work</b>	<ul style="list-style-type: none"> <li>✓ Applicants must be currently <b>employed or affiliated to:</b> <ul style="list-style-type: none"> <li>▪ At a <b>think tank or other civil society organisation</b></li> <li>▪ An academic body researching energy policy or another relevant field</li> </ul> </li> <li>✓ Have around <b>five years of professional experience in the energy or climate sector</b> at the time of application. We're looking for participants with leadership potential who are at a "tipping point" stage in their careers, rather than those who fit a particular age requirement.</li> </ul>	<ul style="list-style-type: none"> <li>ⓘ Preference is given to candidates from energy think tanks/ non-profits. However, we sometimes consider applications from individuals working in international organizations or the private sector if they have a strong track record of climate change mitigation and energy policy engagement</li> <li>⊗ Unfortunately, university students and job-seekers are <b>not</b> eligible to join our programmes.</li> </ul>
<b>Education &amp; languages</b>	<ul style="list-style-type: none"> <li>✓ Hold a <b>Bachelor's</b> degree or equivalent from an accredited university, in economics, environmental science, engineering, political science, or similar (<b>Master's degree preferred</b>)</li> <li>✓ Excellent verbal and written communication skills in <b>English</b></li> </ul>	
<b>Background, Personal attributes &amp; leadership</b>	<ul style="list-style-type: none"> <li>✓ Have a sincere interest in tackling climate change issues and the energy transformation in your home country</li> <li>✓ A strong understanding of power systems, energy economics, and climate and energy policy, policy instruments / processes</li> <li>✓ Possess a high level of intellectual curiosity and humility</li> </ul>	<ul style="list-style-type: none"> <li>ⓘ We are particularly pleased to receive applications from people from groups that have been underrepresented in energy policy. To ensure a diversity of participants, we typically do not accept more than 1-2 individuals from the same country per cohort and take into consideration factors such as gender balance.</li> </ul>



# THE ONLINE MODULES

## Overview

The Online Learning Modules are designed for individuals from Official Development Aid (ODA) recipient countries who are working in the energy sector and are willing to work on de-carbonisation and increased flexibility of power systems.

## How it works

The online learning modules developed by the Renewables Academy AG (RENAC) offer participants the opportunity to uncover important topics about energy transformation at their own pace. These courses are designed for all levels, providing an introduction to more advanced courses around the political, economic, and technical aspects related to the transformation of energy systems. The four Modules can be taken as a consecutive programme or individually:

- **Module 1: Introduction to power systems**  
– Fundamentals of electricity, generation technology, flexibility options in power systems, fundamentals of power systems and power markets
- **Module 2: Policies supporting energy transformation** – Political support mechanisms for renewable energy, carbon markets, balancing power market design and operation
- **Module 3: Technical aspects of energy transformation** – Aspects of grid integration of renewable energy systems, application and technical aspects of the four classic flexibility options (grid, storage, generation, demand-side e-mobility)
- **Module 4: Future trends in the power sector** – Energy sector coupling, digitisation in the energy sector, an introduction to Hydrogen applications and more

## Programme highlights

- Access to course text and videos,
- Self-assessment tests and short assignments
- Lectures from experts and professionals delivered via virtual classrooms
- Technical and organisational support via the forum and email
- All participants who score above 70% in the final online exam will receive a RENAC certificate
- Candidates who complete all four Modules will receive an additional “Energy Transformation Expert” certificate

### Online Module Implementation Partner





# ONLINE MODULE ELIGIBILITY CRITERIA

To be considered for the EnerTracks Online Modules, applicants must

Photo created by freepik

<b>Nationality</b>	✓ Be a national of an <a href="#">Official Development Aid</a> (ODA recipient) country
<b>Work</b>	<ul style="list-style-type: none"><li>✓ Be <b>working in the energy sector</b> and willing to work on decarbonisation and increased flexibility of power systems</li><li>✗ Unfortunately, university students and job-seekers are <b>not</b> eligible to join our programmes</li></ul>
<b>Education &amp; languages</b>	✓ Strong verbal and written communication skills in <b>English OR Spanish</b>



“ Studying with RENAC has been an important step for me as an entrepreneur in the Renewable Energy Industry. Expect high quality content, fantastic lecturers and full support from the team when you need it. I would highly recommend studying through RENAC as they offer a first class experience for their students with practical education that can be utilised immediately in the workplace.

Michelle Lingham, EnerTracks Online Module participant & Certified Energy Transformation Expert

# 2022 PROGRAMME OVERVIEW

Please note that this is subject to change. Please consult the [Agora Energiewende](#) and [RENAC](#) websites for up-to-date information about programme timing and call for applications.

	Quarter 1			Quarter 2			Quarter 3			Quarter 4			
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec	
 <b>In-person Fellowship</b>				█							█		
 <b>Virtual Study Tour</b>					█								
 <b>In-person Study Tour</b>										█			
 <b>PtX in-person Fellowship</b>									█				
 <b>Online Modules in Spanish</b>				█									
 <b>Online Modules in English</b>									█				

<p><b>Application Checklist</b></p> <p>To be considered for the EnerTracks programmes, applicants must submit:</p>	<p><b>Fellowship Programme</b></p> <ul style="list-style-type: none"> <li>✓ A recent resume /CV</li> <li>✓ A motivation letter</li> <li>✓ Personal project proposal</li> </ul>	<p><b>Study Tour Programmes (virtual &amp; in-person)</b></p> <ul style="list-style-type: none"> <li>✓ A recent resume /CV</li> <li>✓ A motivation letter</li> </ul>	<p><b>Online Modules</b></p> <ul style="list-style-type: none"> <li>✓ A recent resume /CV</li> <li>✓ A motivation letter</li> </ul>
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