



# CERTIFIED EXPERT IN CLIMATE ADAPTATION FINANCE

↑ Certificate Program



Frankfurt School

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# CERTIFIED EXPERT IN CLIMATE ADAPTATION FINANCE

## Course Objective

Adaptation seeks to moderate harm or exploit beneficial opportunities. Most of the research on adaptation to date has focused on public spending on adaptation rather than private adaptation, although it may be likely that most of the adaptation financing needs appear with the private actors affected by climate change. Understanding this will help to moderate and potentially accelerate adaptation, as well as address the role of government incentives for adaptation projects. This course will demonstrate that adaptation can appear with different economic and financial characteristics depending on the level we look at it and the individual activity that is considered. Depending on these different characteristics there are different roles for private and commercial actors or governmental institutions in facilitating the structural change towards a low carbon and climate-resilient economy.

## Target Group

This course is suitable for both public and private sector practitioners, including entrepreneurs, project developers, private investors, initiator/fund houses, international development finance consultants and managers, plant operators and manufacturers, engineers and advisory professionals (e.g. law firms, business, and tax consultants). The course aims to explain the many facets of, and perspectives on, climate adaptation finance. Experience in (mainstream) banking and finance is therefore helpful but not required.



### Prof. Dr. Ulf Moslener

- Professor of Environmental Economics & Sustainable Energy Finance
- Head Research at the FS-UNEP Collaborating Centre for Climate & Sustainable Energy Finance



### Jonas Hernán Fleer

Senior Program Manager  
Sustainable World Academy

**All Info on the topic**  
➔ [www.fs.de/cecaf](http://www.fs.de/cecaf)

# STUDY CONTENT

## Facts

### Learning format

Online course

### Course intakes

March - August

September - February

### Duration of the programme

6 months

(Course extension possible for a charge)

### Workload

5-8 hours per week

### Type of examination

Assignments (case studies) & final examination

(2 hours in online format)

### Graduation

Certified Expert in Climate Adaptation Finance

### Credits

6 ECTS

### Eligibility

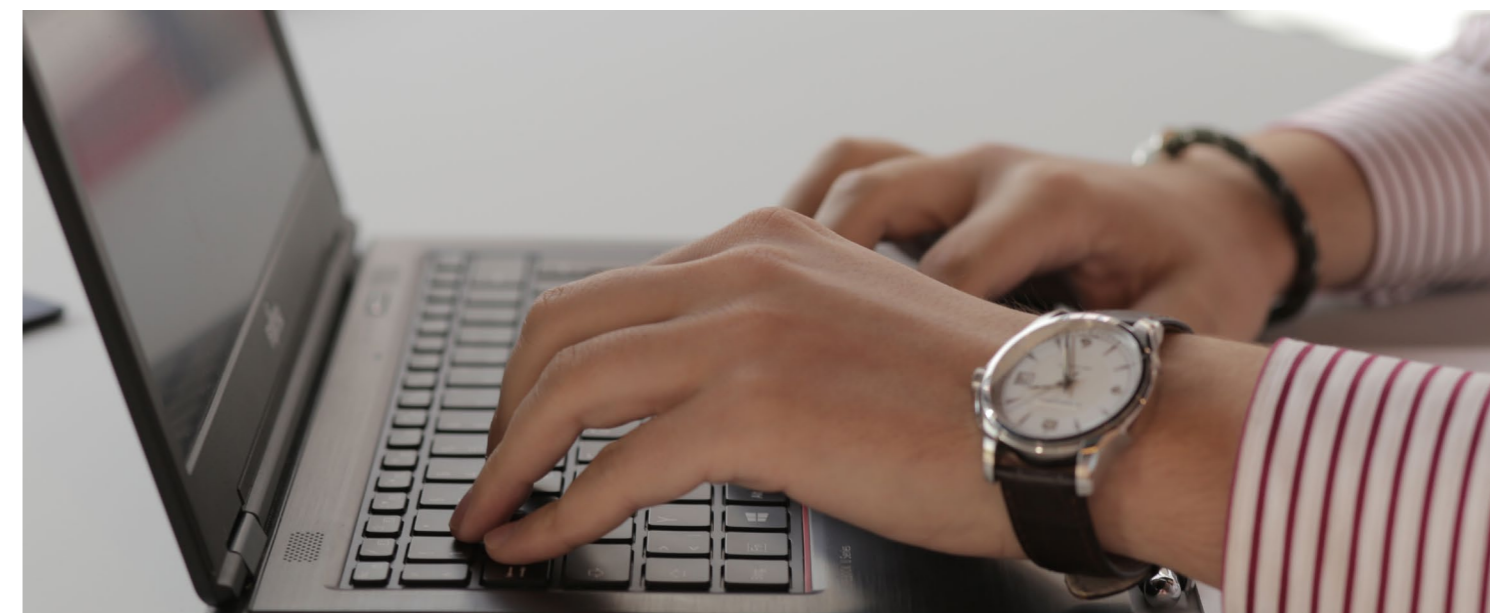
Diploma in Green Finance

Master of Leadership in Sustainable Finance

(online)

<b>Unit 1</b>	<b>Climate Change Science - What is Adaptation?</b> <ul style="list-style-type: none"> <li>The science behind climate change and its physical impact, before moving on to discuss the impact of climate change on the economy</li> <li>Explore why economies need to adapt, addressing the question "what is climate adaptation"?</li> </ul>
<b>Unit 2</b>	<b>Climate Science meets Climate Finance</b> <ul style="list-style-type: none"> <li>Overview of the climate finance landscape to understand the importance and relevance of adaptation and climate resilience in terms of scale and contribution to climate finance</li> <li>Main building blocks of international adaptation-related policies, looking particularly at the Paris Agreement</li> </ul>
<b>Unit 3</b>	<b>Investing in Adaptation: The role of private and public actors</b> <ul style="list-style-type: none"> <li>Understanding the importance of climate change and the related risks and opportunities for investors.</li> <li>Comprehending the financial requirements of climate projects and assets.</li> </ul>
<b>Unit 4</b>	<b>Basics of Finance and Investment with a Business Model Perspective on Climate Resilient Projects</b> <ul style="list-style-type: none"> <li>Gain a methodological understanding of financing at the project level</li> </ul>
<b>Unit 5</b>	<b>Barriers to Adaptation Finance and the Role of Support Frameworks</b> <ul style="list-style-type: none"> <li>Understanding why markets alone might fundamentally not be able to trigger adaptation investment in a way necessary to mitigate climate change and which support instruments and support frameworks are available across different countries</li> </ul>
<b>Unit 6</b>	<b>Building a Business Case for Adaptation</b> <ul style="list-style-type: none"> <li>Narrow the focus, introducing the process of developing a new adaptation business model, or adjusting existing business models, to increase the climate resilience of portfolios</li> </ul>
<b>Unit 7</b>	<b>Investment Opportunities from the Perspective of Private Financiers</b> <ul style="list-style-type: none"> <li>Overview of what sources of financing are available to finance adaptation business models</li> <li>Build up knowledge on investment opportunities from the perspective of private financiers, answering the question: who invests in these (adaptation) business models and how?</li> </ul>
<b>Unit 8</b>	<b>Financing the Business Model - Financial Instruments</b> <ul style="list-style-type: none"> <li>Focus on instruments the private sector can use to invest in climate adaptation activities, including 'innovative' instruments</li> </ul>
<b>Unit 9</b>	<b>Climate Resilience and Risk Metrics and Indicators</b> <ul style="list-style-type: none"> <li>Explore climate risks and resilience metrics, looking at how to define metrics that are measurable, computable and comparable, which include both mean and variability, recent past, current trends and projection of risks</li> </ul>

# STUDY CONCEPT



Our certificate programs will help you to systematically develop your qualifications and knowledge, to shape them successfully and to advance your career.

Our online certificate courses are offered on a part-time basis and take 6 months to complete. The flexible approach of our courses allows you to follow your own and individual curriculum, taking into account a few deadlines. This makes it possible to complete the course in parallel with demanding jobs and private commitments.

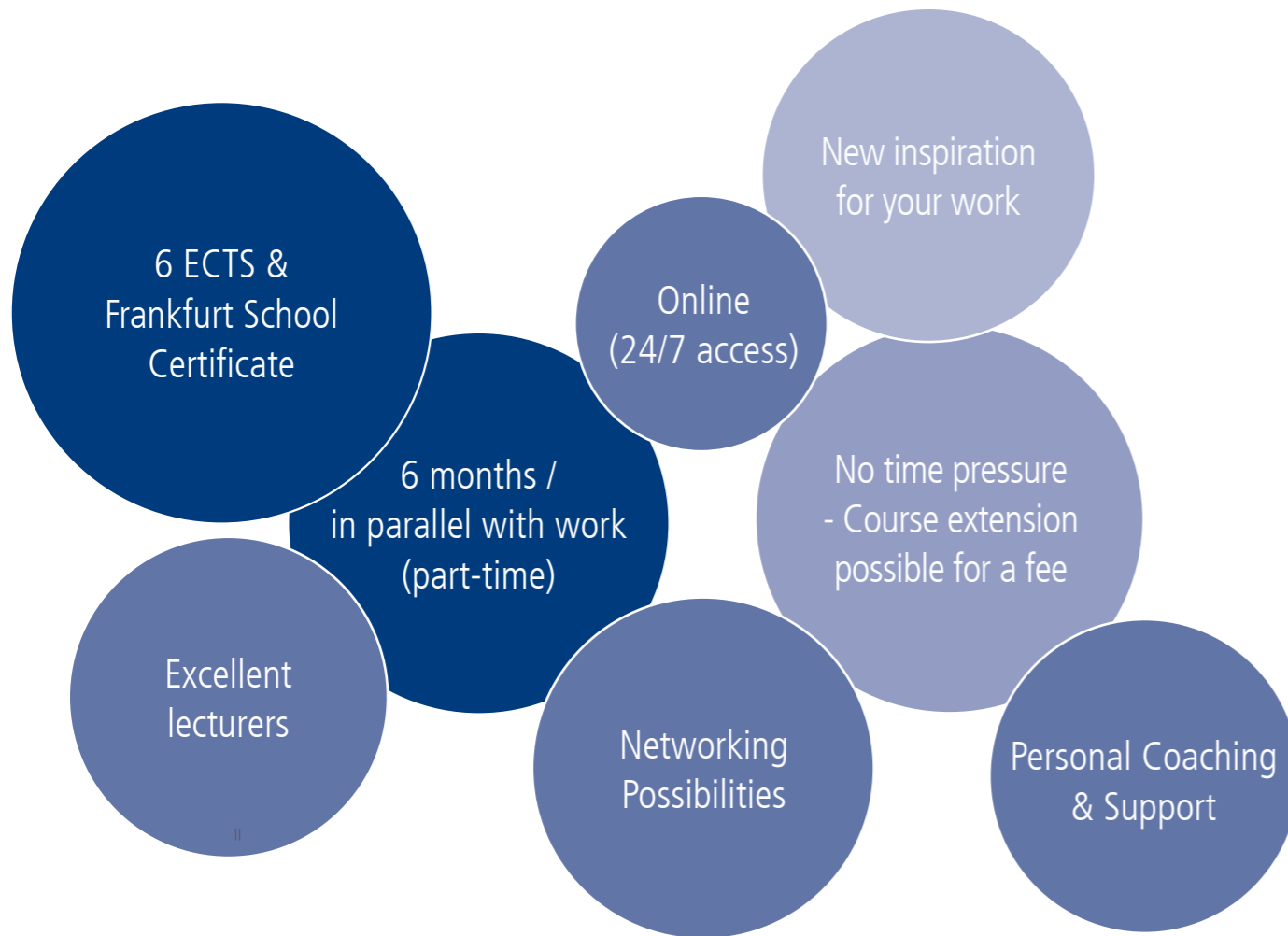
The Certified Expert in Climate Adaptation Finance (CECAF) is designed as an online course. Methodologically, this course is based on video lectures, PDF scripts, interactive forums, exercises, and case studies. The topics and international discussions, best practices and lessons learned are deepened by means of practical examples from the field. Short online quizzes check your learning progress.

At the end of the course, the participants work on practical assignments and put their newly acquired knowledge into practice - supported by

our experienced team of trainers. They are given the opportunity to take part in a discussion forum. Here, all course-specific topics and contents are discussed and a lively exchange of experiences and ideas takes place. Furthermore, the multilingual e-Campus team is always available to answer questions of any kind.

After successfully completing the e-learning course, graduates receive a Frankfurt School certificate, which will entitle them to identify themselves as Certified Experts in Climate Adaptation Finance.

# BENEFITS AT A GLANCE



### Your contribution towards achieving the UN SDGs

This course expands your knowledge about the following SDGs. The Sustainable World Academy (SWA) offers courses for professionals and managers that aim, among other things, to promote the UN goals for sustainable development (SDGs).



# REGISTRATION DEADLINES AND TUITION FEES



### Next course intakes:

01 September 2023 – 28 February 2024  
 01 March 2024 – 31 August 2024

Registration period	Fee
Until 15 January / 15 July	EUR 1,485
After 15 January / 15 July	EUR 1,700

### Certificate fee

After passing the exam, you will receive a digital certificate. *Should you require a printed version of your certificate, we charge a service fee of EUR 50.*

### Sustainable World Academy Package

Secure an exclusive 30% discount for the Frankfurt School Summer Academy.

### Further information

➔ [www.fs.de/summeracademy](http://www.fs.de/summeracademy)

### Discounts

**10%**

**Group discount**  
 (for 2 or more participants of the same organization/institution)

**10%**

for FS Alumni

### Payment options

- Bank transfer
- Credit card
- PayPal

Unfortunately, payment in installments is not possible



**You can register here**  
 ➔ [www.fs.de/cecaf](http://www.fs.de/cecaf)

# YOUR LECTURERS



**Prof. Dr. Ulf Moslener**

- Professor of Environmental Economics & Sustainable Energy Finance
- Head of Research at the FS-UNEP Collaborating Centre for Climate & Sustainable Energy Finance



**Dr. Christine Grüning**

- Senior Project Manager at FS-UNEP Collaborating Centre for Climate & Sustainable Energy Finance



**Laura Kempa**

- Project Manager and Adaptation Finance Expert at FS-UNEP Collaborating Centre for Climate & Sustainable Energy Finance

## The FS-UNEP Centre

The content of this course was developed by the Frankfurt School - UNEP Collaborating Centre for Climate & Sustainable Energy Finance. The Centre has been a strategic cooperation between Frankfurt School and the United Nations Environment Programme (UN Environment) since 2009. The aim of the Centre is to promote public and private sector investment in the reduction of greenhouse gas emissions, but also in the field of climate adaptation measures in developing and emerging countries, as well as in industrialized nations. As a "Think-and-Do-Tank" the Centre combines research, teaching, training and consulting services.

➔ [www.fs-unep-centre.org](http://www.fs-unep-centre.org)

## Sustainable World Academy

The Sustainable World Academy develops technical, educational and professional training courses to promote the UN goals for sustainable development (UN-SDGs). The courses are offered online through our e-campus platform and in classroom, e.g., our Inclusive Finance Summer Academy.

➔ [www.fs.de/swa](http://www.fs.de/swa)

## Other course lecturers

- **Carola Menzel**, Senior Climate Finance and Policy Expert at Frankfurt School-UNEP Centre
- **Henriette Jahns**, Senior Project Manager at FS-UNEP Collaborating Centre for Climate & Sustainable Energy Finance
- **Dr. Karol Kempa**, Researcher at Frankfurt School-UNEP Centre

# WE SHAPE THE ECONOMY AND FUTURE

Our graduates are the authors of the Frankfurt School success story. For more than 60 years we have been training young talents and experienced professionals.

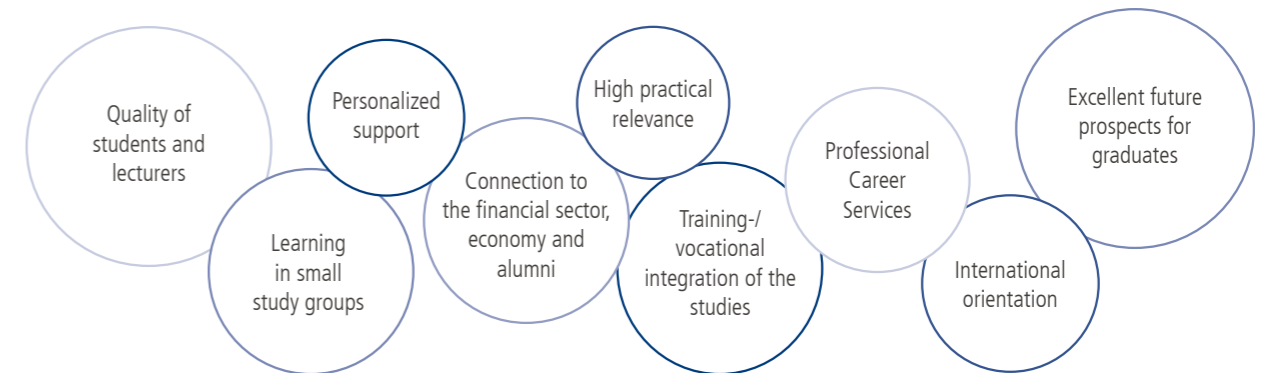
The Frankfurt School of Finance & Management is a leading private business school with its headquarters on the new campus in Frankfurt am Main. It is represented by numerous regional educational centers throughout Germany and many affiliates and programs abroad.

It offers challenging study and executive education opportunities in various program areas. These include scientific research centers and numerous national and international consulting projects. All teaching, research and consulting activities take place in the field of conflict between business, finance and management.

We see finance as a cross-divisional function in all companies, who deal with the management of funds. In management, we support managers in their efforts to manage staff and material resources to achieve the goals of the company as economically as possible.

With its educational programs, courses of study, research and consultancy projects, the Frankfurt School is a valued source of advice and inspiration, as well as an educational partner for companies and organizations, for young professionals and experienced specialists and managers.

## Reasons for the Frankfurt School



## Facts & Figures

**1957**

Founded as Bank Academy e.V.

**2004**

Scientific university

**2008**

Non-profit limited liability company owned by the Frankfurt School Foundation

**2017**

Move to the new Campus at Adickesallee 32-34

**Frankfurt office**  
Administration & Campus

**Study centers**  
Hamburg and Munich

**54 other places of study**  
in Germany

**Project Offices**  
worldwide

**2462\***

Students in the academic programs

**1529\***

Students in the extra-occupational programs

**39.019\***

Participants in trainings

**> 106.000**

Graduates from academic and extra-occupational programs

This information is based on the year 2018

# CONTACT

Whatever information and support you need for your studies - we will be happy to help you find out whether the Certified Expert in Climate Adaptation Finance course is suitable for you. Please feel free to contact us if you have any questions. We are looking forward to your call or message!



## Aleksandra Przybylska





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-  [xing.com/company/frankfurtschool](https://xing.com/company/frankfurtschool)

