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ENERGY THROUGH EDUCATION!



## ABOUT RENAC

As renewable energy (RE) and energy efficiency (EE) markets surge globally, the need for qualified professionals is greater than ever. RENAC stands at the forefront of this movement, dedicated to empowering individuals and organizations worldwide.

Our vision? To foster the growth of green energy technologies through capacity building, consultancy, and expert exchange. Since 2008, RENAC has trained over 33,000 participants from over 170 countries.

In this catalogue, you will discover a comprehensive range of training programs and educational services, carefully designed to equip our participants with the knowledge, skills, and expertise needed to excel in the green energy sector.

Our team of dedicated instructors and professionals bring a wealth of industry experience and expertise to each training session and service, ensuring that attendees gain relevant knowledge of job tasks along the value chain and best practices in green energy.

We invite you to explore our catalogue and embark on a journey of discovery, learning, and growth with RENAC. Together, let's create a more sustainable world through the power of education.

Your RENAC Team



## PROJECTS WORLDWIDE

Since 2008, RENAC has carried out over 700 successful projects for international clients in the fields of RE and EE. Project partners are international companies, institutions, NGOs, public partners and ministries. The spectrum ranges from medium-sized projects with a time frame of several months to very complex, long-term projects.



BAROMETER OF  
RENEWABLE ENERGIES

Since 2018



CAPACITY BUILDING ON GREEN  
ENERGY AND CLIMATE FINANCE

Since 2016





**MITTELSTAND  
GLOBAL**  
ENERGY SOLUTIONS  
MADE IN GERMANY

**EXPORTINITIATIVE ENERGIE**

Since 2018



**Oetrela**








Energy, Investment & Technology  
and Business & Education  
Cooperation in Energy  
Networks in Africa, Latin  
America and Asia

**ETRELA**

2020 – 2024



**COBENEFITS**



**MOBILISING THE COBENEFITS OF  
CLIMATE CHANGE MITIGATION**

2017 – 2022



**BILATERAL ENERGY  
COOPERATION INITIATIVE**

Since 2022

# OUR TRAINING CONCEPT

## TARGET GROUPS

We offer training and services for most parts of the RE and EE value chains and involved stakeholders, comprising the public, private, finance and training sector. We support companies and institutions like energy agencies, development cooperation agencies, NGOs and think tanks by sharing our experts knowledge and experience.

**On an institutional level we target:**

- **Public sector:** Ministries, local administrations and regulators
- **Private sector:** Project developers, system integrators, engineers and technicians, investors, financing institutions, grid operators
- **Capacity building and dissemination sector:** Public and private training institutions, vocational training institutions, universities
- **Multipliers and development organisations:** Development corporations, energy agencies, International financing institution, NGOs

Ministries



Administration



Finance institutions



Project developers



Installation operation



NGOs  
Think tanks



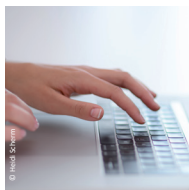
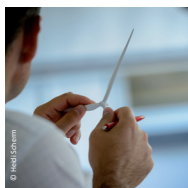
Consultants  
Engineers



Grid operation

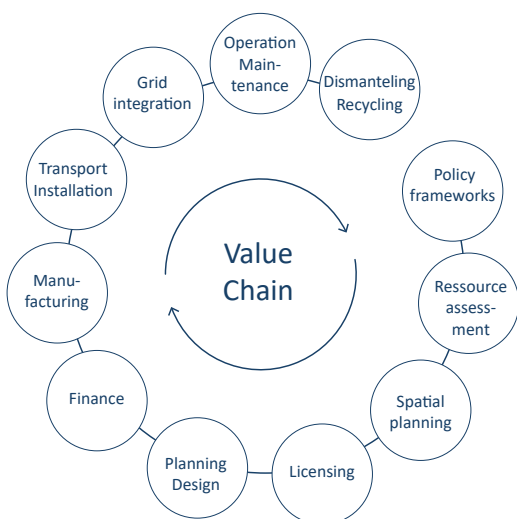


Training institutions



## VALUE CHAIN

We design and implement customer-specific training courses and services along the value chain as part of a holistic concept.



## OUR APPROACH

Our overall approach is to customize and tailor our training program and services to the needs of the client and the given context. Our aims are to transfer the skills and knowledge to future experts that can independently and sustainably use and share their new skills and experience.

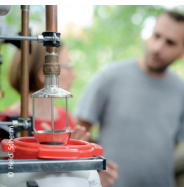
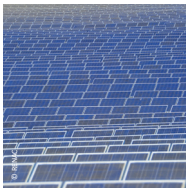
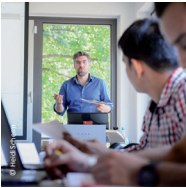
In our capacity building services we supply a variety of programmes to train trainers, to build training centres and to establish quality assurance processes.

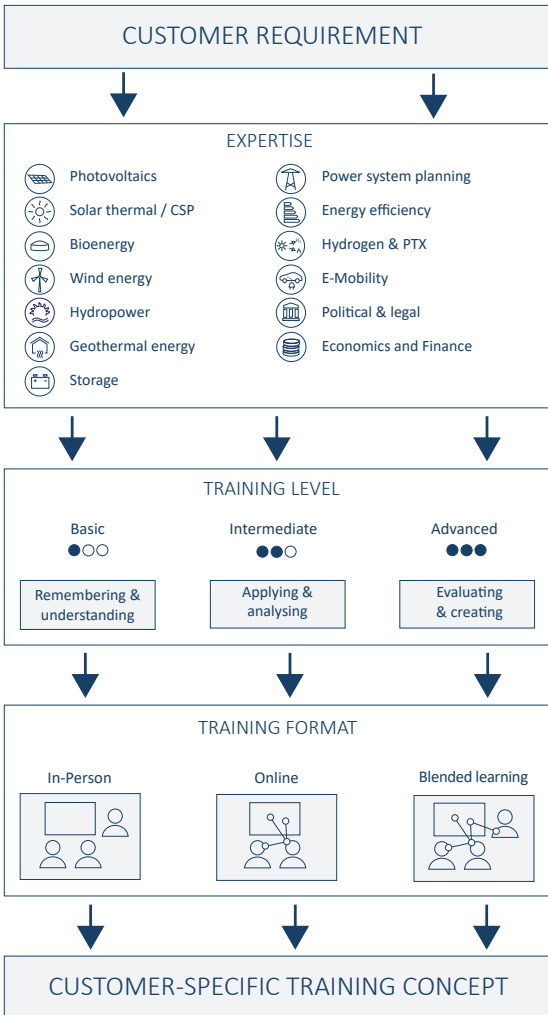
## CUSTOMER-SPECIFIC TRAINING

We offer customer-specific training according to client needs and participants’ job requirements in all green energy sectors. Based on an analysis of participants’ capacity needs for specific job tasks, we develop a training concept.

The concept includes recommendations for online or in-person trainings, or both. We develop the training concept taking the given resources on budget and learning time into account. After feedback from the client, we fine-tune the concept for approval.

Depending on the needs of our clients, we offer different levels of training (basic, intermediate, advanced).

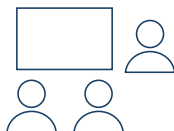




## TRAINING FORMATS

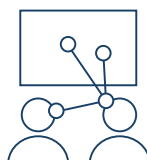
### RENAC In-person training

RENAC in-person courses are an exceptional opportunity to gain more insight into renewable energy and energy efficiency. Employing a blend of up-to-date theoretical lectures, state-of-the-art practical training, and field excursions, RENAC makes learning not only effective but also very exciting.



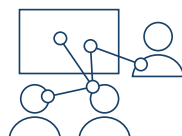
### RENAC Online training

RENAC Online offers extensive support and an interactive learning platform. Participants can learn at any time and from any location and study with flexibility according to their own schedule.



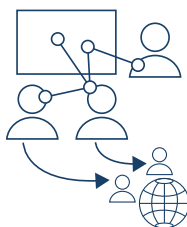
### RENAC Blended learning

Participants can register in a combination of online and in-person trainings to achieve the best learning outcomes. This method combines the advantages of both hands-on practical experience and in-depth theoretical study.



### Train-the-Trainer

RENAC's Train-the-trainer programmes enable prospective trainers to develop or expand their own teaching skills. The 5-10 day courses take place in person and/or live online. Participants can acquire both technical and methodological-didactic skills, which are deepened through many practical exercises.





# CAPACITY BUILDING SERVICES



## CAPACITY BUILDING SERVICES

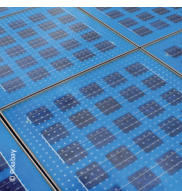
RENAC offers capacity building services (CBS) for organisations interested in establishing or expanding their own services to include courses on renewable energy and/or energy efficiency into their training portfolio. These services can be booked on their own or as a package. The complete CBS package will equip the partner institution with a training equipment, locally adapted training schedules and materials, a team of good trainers and a clear quality assurance strategy.

### CAPACITY NEEDS ASSESSMENT

A good understanding of each target group's needs is essential in order to offer suitable education programmes. RENAC's capacity needs assessment services can be flexibly applied to the different demands.

#### Assessment includes:

- Identification of relevant target groups
- Capacity needs assessment workshop
- Mapping the required capacities and skills
- Identifying the training needs
- Outline of capacity building measures/strategies
- Identification of local standards and requirements



## DEVELOPMENT OF CURRICULA AND TRAINING MATERIAL

Implementing a new course programme in the fast-changing environment of renewable energy and energy efficiency can be challenging and time-consuming work. RENAC can provide client-specific curricula and training materials to ensure that courses are current and of a high quality.

### RENAC offers:

- Well-composed and logically structured curricula, corresponding to learning targets, with comprehensive explanations, exercises, case studies, images and graphics
- Review and adaptation of existing training materials and integration of local aspects
- Definition of quality standards and evaluation criteria
- Development of specific exercises
- Train-the-Trainer courses on the use of the equipment
- Development of instructions
- Regular update of training equipment



## TURNKEY TRAINING CENTRES

Training with practical equipment plays a crucial role in efficient and sustainable teaching. RENAC offers turnkey training centres with corresponding instructions and exercises for advanced trainings. This is a highly customised service adapted to client requests, local needs, markets and conditions.

### Technologies:

- Photovoltaics / Solar thermal
- Wind energy / Bioenergy
- Hydropower
- Grid integration
- Energy efficiency in buildings/ industry

### Services available:

- Concept and design
- Selection and purchase of components
- Transportation and logistics
- Assembly and installation at location
- Development of specific exercises
- Development of instructions for trainers
- Train-the-Trainer courses on the use of the equipment
- Regular update of training equipment



## OUR QUALITY ASSURANCE

High quality standards are crucial for the development of green energy markets. This can only be achieved and maintained when professionals in the sector are skilled and reliable. RENAC's quality refinement services assess the level of know-how of students or employees and improve it with suitable training concepts and measures.

### Services available:

- Student and/or trainer assessment
- Assessment of course materials, course structures and training equipment
- Train-the-Trainer update courses
- Update of training materials
- Training centre equipment updates
- Market trend and trainer demand analysis
- Co-certification (for RENAC provided courses)
- Preparation and execution of exams



## TRAIN-THE-TRAINER PROGRAMMES

As an experienced provider of training services, RENAC is well-equipped to provide clients with comprehensive Train-the-Trainer (TtT) programmes. Our TtT programme instructors are highly skilled educators who conduct training activities that ensure professionals receive a high-quality educational experience. Our interactive TtT programmes enable participants to build on their instructional skills and teach the material to others.

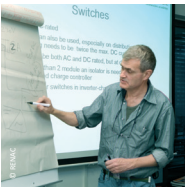
We work with our clients to design and implement programmes that will meet their training goals. When you work with us on your TtT programme, we discuss the most suitable option for your organisation and the professionals you would like to complete the programme. Depending on your exact needs and the participants’ backgrounds, our programmes usually last around 5 to 10 days.

Depending on the participants and the client’s specific requirements, our programmes provide training that:

- contains courses that cover renewable energy or energy efficiency technologies and topics (both technical and non-technical),
- focuses on didactics and methodology,
- or both

### Modules in a Train-the-Trainer course:

- Technical training
- Didactical and methodological training
- Starter kit of slides, exercises and additional tools for trainers





**After our TtT programmes, trainees will be able to:**

- learn more about the latest technological development including advances related to wind, solar, bioenergy, or photovoltaic energy, green hydrogen, and other cutting-edge topics,
- develop, conduct, and evaluate training effectively,
- facilitate the learning process,
- apply appropriate teaching methods for interactive training,
- reflect on previous training skills and practice interactive elements,
- use appropriate verbal and non-verbal communication techniques

**5**  
days

**In-Person and interactive live online seminars**  
(5 day programme)

Day 1 + 2	Technical training with experts
Day 3 + 4	Methodology and didactic
Day 5	Practical training and exercises



**10**  
days

**Teaching experiences and exams**  
(10 day programme)

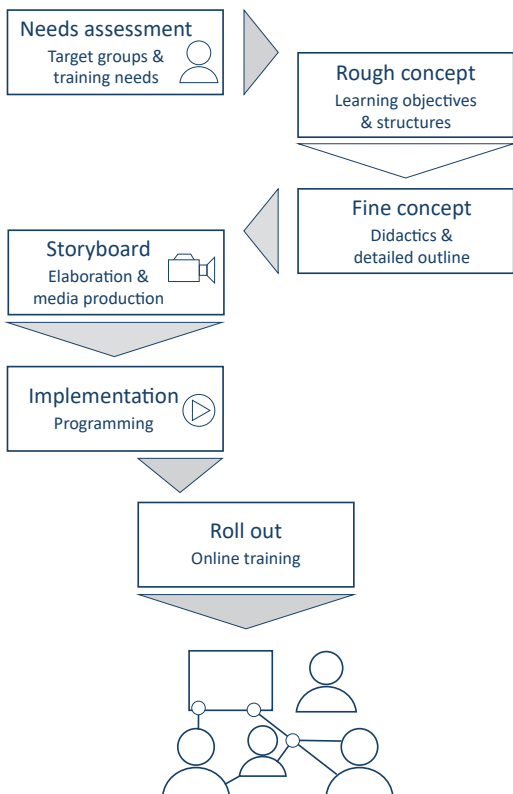
Day 6 + 7	Demonstrations of lessons by participants
Day 8	Expert input on questions
Day 9 + 10	Exercises (practical and theoretical)

## E-LEARNING/ONLINE TRAINING COURSES

Implementing an online training offer can be the right solution when the audience is geographically spread or not available at the same time. RENAC can be a full service provider to help clients to build an e-learning/online training offer. Online training offers the flexibility to study at any time and from any location.

### RENAC offers:

- Consultancy services on online content development
- Hosting on our learning management system using the client's own branding
- Learning office support (training delivery, exam and certificate)



## BUSINESS MATCHMAKING

RENAC offers business matchmaking activities in Germany and abroad bringing together product and service providers with potential clients.

The transfer of energy expertise, the promotion of foreign trade and the facilitation of international development cooperation are part of the German Energy Solutions Initiative coordinated and financed by the German Federal Ministry for Economic Affairs and Climate Action (BMWK).

### Offered modules:

- Webinars and information days in Germany and abroad provide an overview on international markets for German companies
- Networking and business opportunities abroad and in Germany
- Together with the international German Chambers of Commerce (AHK), RENAC organises business trips abroad for German units
- RENAC offers delegation tours for interested international stakeholders

### Services available:

- Research and compilation of RE and EE markets abroad
- Business-to-business (B2B) meetings and networking in Germany and abroad
- Lectures on renewable energy and energy efficiency
- Travel organisation and support services
- Site visits and field trips to reference projects
- Preparatory readings or online trainings
- Website: [www.renac.de/energy-solutions](http://www.renac.de/energy-solutions)

## STUDY & DELEGATION TOURS

RENAC offers customised study and delegation tours in Germany and abroad that cover renewable energy and energy efficiency technologies and applications. RENAC designs engaging programmes based on the interests of clients and participants, which we obtain by conducting a survey of programme interests and objectives. These tours promote the exchange of knowledge between experts and networking opportunities among visitors and hosts.

### Services available:

- Survey on participants and client interests and objectives
- Programme planning of customized study and delegation tours
- Travel organisation and support services
- Organisation of meetings with target organisations and companies
- Compilation of study tour booklet
- Guided tours
- Organisation of cultural programme
- Business-to-business meetings
- Lectures on renewable energy and energy efficiency
- Organisation of site visits and field trips
- Wrap up of learnings and evaluation



## CONSULTING

RENAC offers consulting services for institutions involved in capacity building and the market development of RE and EE.

### Consulting services in the capacity building sector:

- Business plan development for training institutions
- Job task analysis and definition
- Human resource requirements and employment factor analysis
- Capacity needs assessments as a basis for developing capacity building programmes
- The establishment of certification assurance schemes in the training sector
- Curricula and sequence plan development, training material development
- Participatory and interactive training methodologies and didactics
- Integration of RE and EE related topics into existing curricula of TVET, universities and further training institutions
- Design of interactive training and workshop formats
- Assessment of trainers
- Energy statistics related to RE/EE market development
- Programming of economic evaluation tools

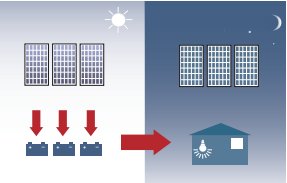
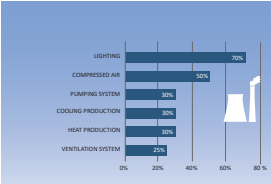
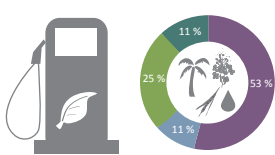
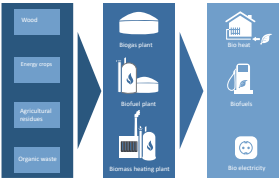
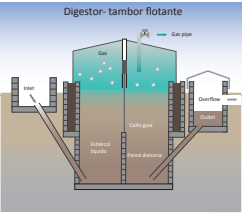
### Consulting services for RE/EE market development:

- Guidance for entrepreneurs and business development
- Prefeasibility studies for RE and EE applications
- Technical and financial due diligence of project proposals

## COMMUNICATION SERVICES

RENAC offers a variety of communication services supporting the market development of RE and EE worldwide:

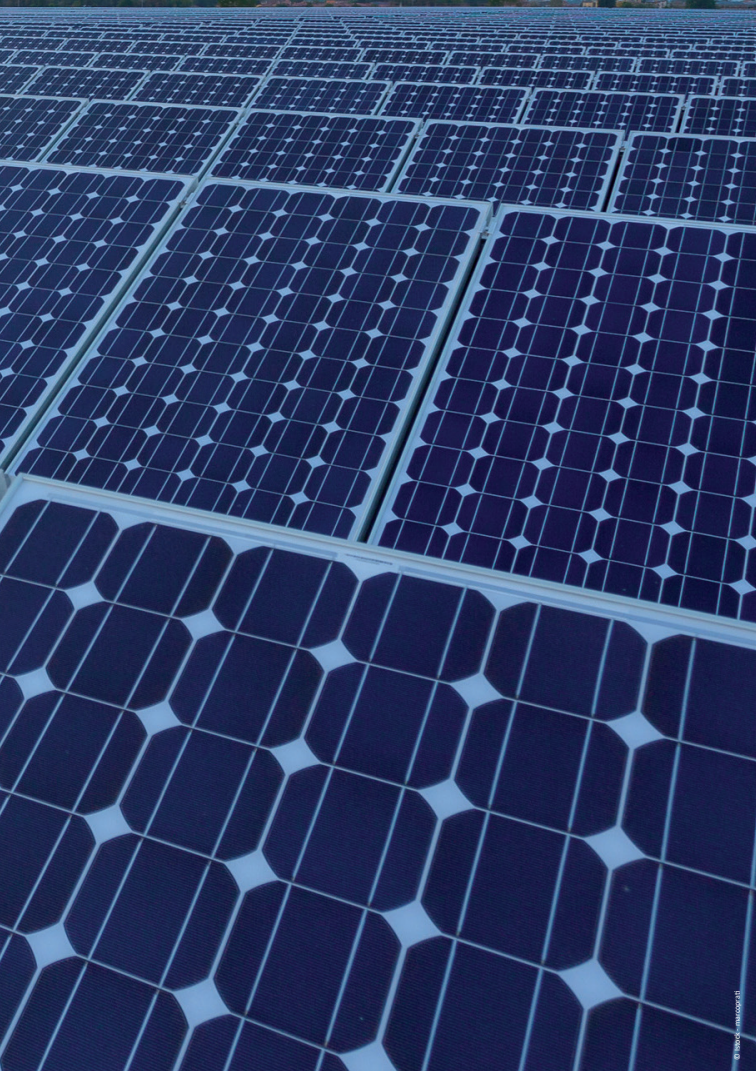
- Development of graphics, charts, videos
- Corporate and graphic design of leaflets, brochures, reports
- Design and execution of social media campaigns
- Development of presentations for energy topics
- Composition of speeches and background information for speakers
- Development of exhibitions and marketing material
- Concept and design of stakeholder portraits





# CUSTOMER-SPECIFIC TRAINING COURSE LIST

For companies and institutions





## CUSTOMER-SPECIFIC TRAINING COURSE LIST

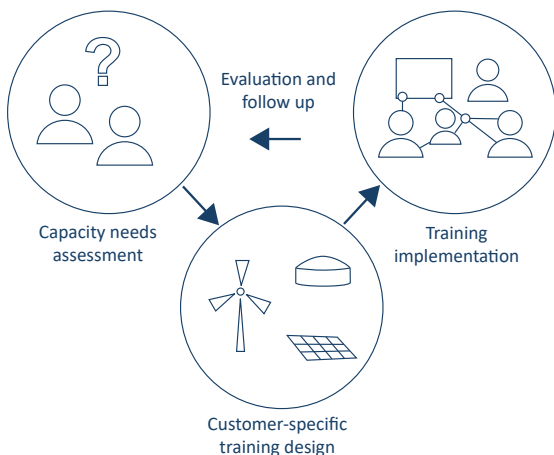
Job requirements in green energy markets are complex and manifold. To ensure a company or organisation succeeds, employees need extensive skills and up to date know-how. RENAC's customer-specific training programmes offer the best way to meet participants' training objectives.

### Process:

- Analysis of participants' capacity needs
- Selection of training contents and methods according to prior knowledge and needs
- Selection of the most suitable trainers
- Development of comprehensive materials with the highest quality standards
- Implementation of the training worldwide

Additionally, the training can be adjusted in duration and depth, organised for groups of various sizes and adapted to cover various technologies. Clients can determine when and where the training takes place.

The following training course list outlines the topics we typically address in our customer-specific training sessions. It can be used as a reference to develop a tailored training programme for a company or organisation.



# INTRODUCTION & OVERVIEW

## IN-PERSON TRAINING

Introduction to RE technologies



## ONLINE TRAINING

Introduction to electricity

Introduction to energy

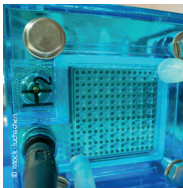
Introduction to renewable energy projects

Market overview of global RE and EE financing

Overview of power generation technology

Overview of renewable energy technologies

More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





# PHOTOVOLTAICS

## IN-PERSON TRAINING



Design of grid-connected PV systems (1)

Design of off-grid PV systems (2)

Grid-connected PV systems: from project development to O&M

Installation of PV systems

Managing and financing PV projects

Off-grid PV: from stand-alone systems to hybrid micro-/mini-grids

Off-grid PV: planning (hybrid) micro-/mini-grids

Off-grid PV: planning and installing solar home systems

Operation and maintenance of PV systems

Project development, planning and feasibility of PV systems

PV entrepreneurship/business development

Solar pumping

Troubleshooting of PV systems

More details: [www.renac.de/customer-specific-trainings](http://www.renac.de/customer-specific-trainings)  
or please scan the QR code.



## ONLINE TRAINING

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Business models for photovoltaic projects

Business plans for photovoltaic projects

Case study on captive solar power for a commercial & industrial energy consumer (C&I)

Case study on solar cooling in Nigeria

Case study on solar irrigation in Senegal

Grid-connected PV systems

Introduction to the solar resource

Overview of PV applications for sub-Saharan Africa

Photovoltaics – application

Photovoltaics – technology

Planning of large-scale PV grid-connected systems

Planning of PV-diesel hybrid systems

PV off-grid systems

PV-diesel hybrid systems

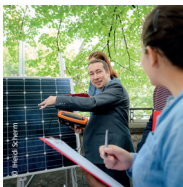
Small-scale PV grid-connected systems

Solar PV-diesel hybrid technologies

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)

or please scan the QR code.





# SOLAR THERMAL & CSP

## IN-PERSON TRAINING

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Large-scale solar thermal systems

Residential solar thermal systems: from design to installation and operation

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## ONLINE TRAINING

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Planning of large-scale solar thermal systems

Solar thermal and Concentrated Solar Power (CSP)

Solar heat for industrial processes

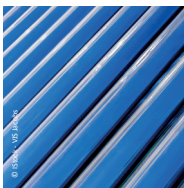
Solar thermal – application

Solar thermal – thermosiphon systems

Solar thermal technologies for C&I

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More details: [www.renac.de/customer-specific-trainings](http://www.renac.de/customer-specific-trainings)  
or please scan the QR code.







# WIND ENERGY

## IN-PERSON TRAINING

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Applying wind power onshore / onshore

Financial due diligence in wind power

Understand the financing of wind power projects

Wind power financing – advanced

Wind power financing – fundamentals

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## ONLINE TRAINING

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Introduction to wind resource

Small wind – Application, technology / planning

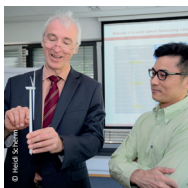
Wind power – technology

Wind power- application

Wind power planning and measurement

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





# BIOENERGY

## IN-PERSON TRAINING



Biomass heat and power plants

First and second generation of biofuels

Introduction to bioenergy

Understanding biogas plants

## IN-PERSON TRAINING

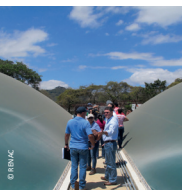
Biogas application

Biomass application

Biogas and solid biomass in the SSA context

Planning of medium-sized biogas

More details: [www.renac.de/customer-specific-trainings](http://www.renac.de/customer-specific-trainings)  
or please scan the QR code.





## HYDROPOWER

### IN-PERSON TRAINING

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Small hydropower: from feasibility to installation

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### ONLINE TRAININGS

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Planning of small hydropower systems

Small hydropower

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## GEOHERMAL

### ONLINE TRAINING

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Geothermal power generation – application

Geothermal power generation – technology

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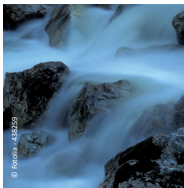
## STORAGE

### ONLINE TRAINING

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Energy storage – application and technology

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# HYDROGEN & POWER-TO-X

## IN-PERSON TRAINING

Green Hydrogen generation project development and economics

Introduction to hydrogen



## ONLINE TRAINING

Fuel cell electric power generation

Green ammonia production – project development and financial evaluation

Green hydrogen and ammonia transport – overview

Green Hydrogen production by electrolysis – project development and financial evaluation

Introduction to ammonia / hydrogen

Markets for hydrogen and its derivatives

Power-to-X: applications and cost development

## E-MOBILITY

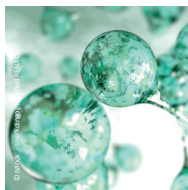
### ONLINE TRAINING



E-mobility: implications for the distribution grid

E-mobility for private transport and charging infrastructure – an introduction

More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





# ENERGY EFFICIENCY

## IN-PERSON TRAINING

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Energy auditing for buildings

Energy efficiency in buildings and districts

Energy efficiency in industry: cross-sectoral technologies

Overview of energy efficiency in buildings

Overview of energy efficiency in industries

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## ONLINE TRAINING

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EE in industry and buildings – applications

Energy efficient buildings – technologies

Heat pumps

Introduction to energy efficiency projects

Synergies between EE and RE – methodology and applications

Systematic approaches to energy saving

Technological aspects of energy efficiency

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





# POWER SYSTEM PLANNING

## IN-PERSON TRAINING

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Grid integration of variable renewable energy – photovoltaics and wind power



Power system planning and operation with variable renewable energy

Rooftop and open field photovoltaics in distribution grids

Sustainable power system planning overview

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## ONLINE TRAINING

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Applied solutions for high shares of Solar-PV in low and medium voltage distribution grids

Balancing power for grid integration of RE

Battery energy storage systems for grid ancillary services

Digitalisation and smart technologies for the power sector

Flexibility options for power systems

Flexible grid infrastructure & management

Flexible thermal power plants

Generation expansion planning for a high share of wind and solar power

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More details: [www.renac.de/customer-specific-trainings](http://www.renac.de/customer-specific-trainings)  
or please scan the QR code.



## ONLINE TRAINING

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Energy storage – application and technology

Generator concepts for renewables

Grid codes for renewables

Grid integration studies and system integration studies

Highly resolved scenarios for grid integration of wind and solar power

Inertia requirements for renewable power systems

Integration of variable renewable energy (vRE) in single-buyer markets

Introduction to electric grids

Introduction to power systems and markets

Mini-grid planning

Power system planning with Co-benefits

Protection settings in low and medium voltage grids

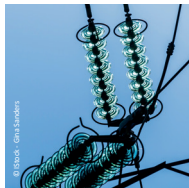
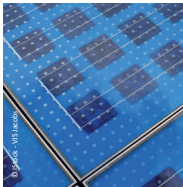
Short term prediction of wind and solar power generation

The integration costs of wind and solar power

Wind and PV grid integration

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





## POLITICAL & LEGAL

### IN-PERSON TRAINING

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Development of a decarbonisation roadmap

Policy framework and energy planning

Sustainable cities: energy planning for municipalities

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### ONLINE TRAINING

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Characteristics of energy infrastructure and energy requirements in sub-Saharan Africa

Climate and energy policy in Europe

Co-Beneficios México – contribución de la transición energética para el desarrollo sostenible

Co-Benefits Assessment: methods and tools

Cobenefits from artificial intelligence (AI) in RE

Co-Benefits India – secure and reliable electricity access with renewable energy mini-grids in rural India

Co-benefits of renewable energy in climate change mitigation

Co-Benefits South Africa – economic prosperity for marginalised communities through renewable energy

Co-Benefits Turkey – industrial development, trade opportunities and innovation with renewable energy

Employment effects of the RE deployment – an overview

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





## ONLINE TRAINING

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Future skills and job creation

Improving health and reducing costs through RE

International climate policy and national implementation

Methodologies to quantify RE employment impacts

Policy frameworks for renewable energy power generation

Political and market frameworks

Social and gender aspects of energy projects

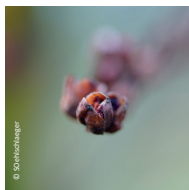
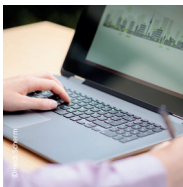
Support mechanisms for energy efficiency projects

Sustainable economic recovery with co-benefits of RE

Use cases of green energy systems in sub-Saharan Africa

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More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.





## ECONOMICS & FINANCE

### IN-PERSON TRAINING

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Green Energy Finance

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### ONLINE TRAINING

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Accessing the Green Climate Fund

Assessment of the green energy project in the context of Green Finance in Sub-Saharan Africa

Bankable insurance cover for international RE projects

Bankable O&M strategies for RE projects

Business models for decentralized RE technologies and profitability

Business plans for green energy investments

Carbon pricing mechanisms

Case study Ohorongo – Project finance of a 5 MW photovoltaic plant in Namibia

Climate finance

Climate Finance Options for Latin America and SE-Asia

Cost comparison of different RE technologies in the sub-Saharan African context

Dept financing process and credit risk management

Environmental and social standards for RE projects

Financial modelling of renewable energy projects using FAST standard

Financing of energy efficiency projects and ESCOs

Green Microfinance

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## ONLINE TRAINING

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Introduction to green recovery finance

Introduction to renewable energy projects

Introduction to SME finance

Investments in PV rooftop systems – introduction

Islamic finance in renewables

Loan assesment for financing small-scale green energy systems

Loan syndication for RE projects

Methodology of project valuation

Portfolio management in renewable energy

Project contracts

Renewable energy investment vehicles and the aggregation of projects

RE project evaluator

RE feasibility assessment / investment valuation

Renewable energy project finance

Resource efficiency finance

Sustainable finance

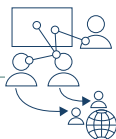
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# TRAIN-THE-TRAINER

## IN-PERSON TRAINING



### 10-days Train-the-Trainer

#### Seminar on one RE technology

The classic standard 10-day TtT training can be offered in connection with the design and implementation of our turnkey training centre service.

**Compact 5-days Train-the-Trainer advanced** – Seminar for experienced trainers to deepen one RE topic and training methods.

For experienced trainers to specialise and consolidate or refresh their knowledge in one selected renewable energy technology focus using didactic and training methods.

Regarding the RE technology focus all course outlines from the customer-specific training list can be integrated.

## IN-PERSON / ONLINE TRAINING

**Train-the-Trainer – Seminar for Didactics and Training Methods** for in-person or virtual training courses (2-4 days)

More details: [www.renac.de/customer-specific/trainings](http://www.renac.de/customer-specific/trainings)  
or please scan the QR code.



# ACADEMIC PROGRAMMES

For individuals



# ACADEMIC PROGRAMMES

In cooperation with several universities, RENAC offers RE and EE related university degrees in English and Spanish. They are designed for students with some years of professional experience who want to upgrade their career.

## MBA RENEWABLES

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MBA Renewables is the first distance learning programme worldwide that offers the opportunity to obtain the Master of Business Administration (MBA) degree with a focus on renewable energy and energy efficiency.

In cooperation with:

Berliner Hochschule für Technik

[www.mba-renewables.de](http://www.mba-renewables.de)



## GLOBAL PRODUCTION ENGINEERING

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The international Master of Science Global Production Engineering is a two-year academic programme offered by the Technische Universität Berlin (Germany). In the GPE programme, RENAC offers the module Renewable Power Technologies and Grid Integration (RPTG). It provides students with a comprehensive overview of the main, commercially-viable and upcoming renewable power technologies and the incorporation of renewable power capacity into electricity grids.



In cooperation with:

Technische Universität Berlin

[www.renac.de/gpe](http://www.renac.de/gpe)



## MASTER OF BUSINESS MANAGEMENT – GREEN ENERGY AND CLIMATE FINANCE

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The 100% online Master of Science (MSc.) in Business Management offers a specialisation in Green Energy and Climate Finance. The curriculum covers key areas such as financing green energy projects, due diligence and international climate finance, and prepares students for specialist and management roles in sustainable finance.



In cooperation with:

Berlin School of Economics and Law



Hochschule für  
Wirtschaft und Recht Berlin  
Berlin School of Economics and Law

ACQUIN

[www.renac.de/mbm](http://www.renac.de/mbm)



# READY-MADE TRAINING COURSES

For individuals



## READY-MADE TRAINING

In addition to our training programmes tailored to individual or client needs, RENAC has also developed a large number of ready-made training courses. They are offered as online, in-person or blended training offers.

Ready-made training programmes cover a variety of topics related to renewable energies and energy efficiency – from introductory courses that provide an overview of RE and EE to advanced training courses for specialists who want to expand their knowledge.

Scan the QR code or visit our website to see all ready-made training courses you can currently register for:

You can also find an overview here:

[www.renac.de/ready-made-trainings](http://www.renac.de/ready-made-trainings)



The seminar was an incredibly rewarding experience. The course was well structured and covered a wide range of topics. The trainers were not only knowledgeable but also very supportive. One of the things I appreciated most was the practical nature of the training. The course went beyond just discussing theoretical concepts and provided practical examples and case studies.

*Andrii Balaniuk, Green Hydrogen and Renewable Power-to-X Professional, 2023*

## RENAC ONLINE ACADEMY

*Study at any time from any location*

Our Online Academy is the perfect place to learn more about a wide range of technologies and topics relating to both renewable energies and energy efficiency. The programme offers four different start dates per year, providing numerous opportunities for prospective students to join.



**Course start dates:** February, April, July, October

**Course duration:** between 1 and 6 months, depending on the topic

**Features:** moderated forums and extensive support / certified by ZFU/ multimedia learning materials / self tests and online exam/ RENAC Certificate

## GREEN ENERGY SUMMER SCHOOL

Every year in August, we invite you to our summer school at our training centre in the heart of Berlin. Choose between complete overview courses on all RE technologies, or specific courses, e.g. on solar energy, hydrogen or other technologies, with a different focus each year.



**Course duration:** 1 week each, bookable individually or as a complete package

**Features:** Combination of theory and practice with lots of practical exercises / field trips / experienced teachers from the industry / networking with classmates from all over the world

## GREEN ENERGY FINANCE TRAININGS

We offer various courses on financing renewable energies for financiers, project developers and other interested parties.



**Course duration:** from 1 month to 24 months

**Format:** Online training or blended learning

# RENAC CLIENTS - SELECTION



# RENAC PARTNERS

