



WHAT IS INCLUDED IN THE TRAINING PROGRAMME?

- Scholarships for face-to-face trainings in partner countries and in Berlin, including materials, lunch, tea & coffee, field trips, travel & health insurance (if travelling to Berlin) for the duration of the training.
- For trainings in Berlin CapREG will cover up to 60% of travel costs (economy flight to/from Berlin and up to 7 nights in a middle class hotel in Berlin). RENAC will assist participants in organising accommodation and travel visas.
- Scholarships for internet-based trainings (access to text and videos, help desk, questions for self testing, virtual classroom, forum and final test).
- Production of mobile exhibition boards for each country. Interested institutions will be responsible for organising a suitable location for the exhibition and guided tours.

TIME SCHEDULE

Activities	2014	2015	2016
Capacity needs assessment			
Trainings in partner countries			
Internet-based trainings			
Trainings in Berlin			
Mobile exhibition			

SUPPORT AND CONTACT

The project is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) supports the initiative following a decision of the German parliament (Bundestag).

For further informaton please contact:

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Supported by:



based on a decision of the German Bundestag

CAPACITY DEVELOPMENT ON RENEWABLE ENERGY AND GRID INTEGRATION

Indonesia, Philippines, Thailand, Vietnam, Mexico, Peru and Ecuador





INTRODUCTION

CapREG “Capacity Development on Renewable Energy and Grid Integration” is a capacity building programme within the German International Climate Initiative (IKI). IKI supports climate change protection projects and institutions that promote a climate-friendly economy. Within this framework the Renewables Academy AG (RENAC) has been commissioned by the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) to provide a three-year capacity building programme for renewable energy and grid integration trainings. The scholarship programme offers different kinds of trainings, networking and exchange of experiences for professionals from Indonesia, Philippines, Thailand, Vietnam, Mexico, Peru and Ecuador.

OBJECTIVES

The three-year programme provides comprehensive know-how on renewable energy technologies and assists in increasing their use. By creating suitable framework conditions for the development of renewable energy and by overcoming obstacles for the grid integration of renewable energy it is possible to reduce greenhouse gas emissions, to encourage the financing of renewables and to contribute to energy security.



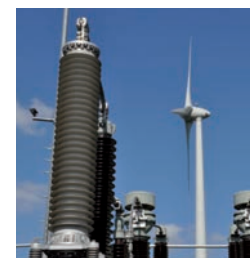
TARGET GROUPS

The training is aimed at professionals from the public and the private sectors. The target group includes ministries or administrations with responsibilities for energy supply, power networks, climate policy and/or energy policy. Further included are multipliers from transmission and distribution grid operators, energy service companies, financing institutions, law firms, media and non-governmental organisations.

TOPICS

The capacity building programme transfers knowledge on a wide range of issues. Depending on the specific training needs of the partner countries the project transfers knowledge on the following topics:

- Technologies for wind energy, photovoltaics, bioenergy, hydropower, concentrated solar power (CSP) and solar thermal
- Grid integration of large amounts of grid-connected wind and solar applications
- Stand-alone and hybrid systems
- Yield forecasts, profitability, cash flow analysis, risk analysis, due diligence and financing
- Environmental, legal and social aspects
- Tendering, approval process, power purchase agreements and contracts
- Qualification requirements and development of capacity building structures



ACTIVITIES

To achieve a maximum of effectiveness, the following activities are planned:

Training needs specification

Based on interviews and meetings in partner countries CapREG adjusts the training content to local needs and interests.

Trainings in partner countries

28 trainings in partner countries in 2014 to 2016 (three to five days, 15 scholarships each).

Trainings in Berlin

7 trainings in Berlin in 2015 and 2016 in English (five days, 12 scholarships each).

Internet-based trainings

9 internet-based trainings in English and Spanish (up to 525 scholarships).

Mobile exhibition

A mobile exhibition on grid integration of wind and solar with 15 information boards in English and Spanish (A0 Poster or 85 x 220 cm) for every partner country.

