



Policy and planning related to climate change in developing countries

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Policy and planning related to
climate change in developing
countries

**Launch of REPLI
DTU Renewable Energy
Policy, Planning and
Integration Advice Group
May 11, 2017**

$$f(x+\Delta x) = \sum_{i=0}^{\infty} \frac{(\Delta x)^i}{i!} f^{(i)}(x)$$

Ivan Nygaard, Senior Researcher
UNEP DTU Partnership,
DTU Management Engineering

UNEP DTU Partnership



Organisation and staff

- Centre at DTU Management Engineering
- Tripartite agreement between UNEP, DTU and Danida
- 65 economists and scientists from approx. 20 different nations
- Multi-disciplinary staff and approach

Research based consultancy

- Methodology development
- Training and capacity building
- Coordination of large multi-country projects
- Target group: Governments and civil society
- Drawing on network of collaborating centres
- Collaboration with DTU departments



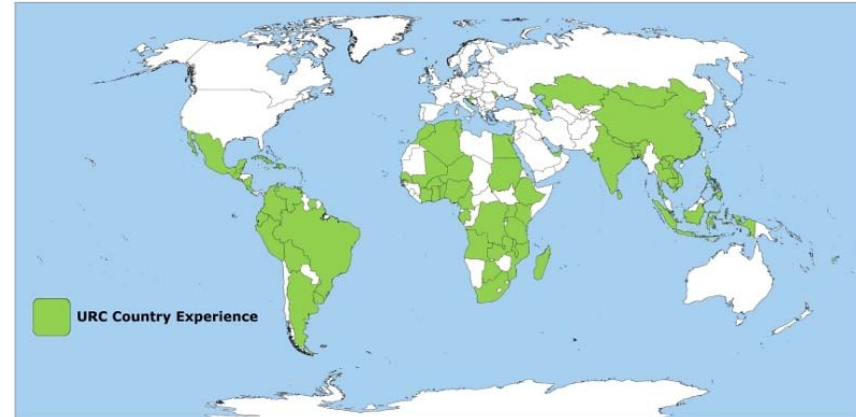
REPLI - DTU Renewable Energy Policy, Planning and Integration Advice Group, www.repli.dtu.dk

Major multi-country policy and planning projects



- Economics of CC mitigation studies (1990s)
- Capacity Development for CDM (from 2002 on)
- Technology Needs Assessment (from 2009)
- Support for Nationally Appropriate Mitigation Actions (NAMAs) in Developing Countries
- Support for developing Climate Action Plans (NDCs) as input to climate negotiations in Paris 2015

UNEP DTU Country experience



Support for developing Climate Action Plans (NDC's)



What are the (I)NDCs?

- Nationally Determined Contributions
- Climate action plan
 - emission scenarios
 - adaptation options
 - planned policy measures

The role of UNEP DTU

- Providing support to 32 countries in 2015
- Methodology development
- Capacity building

What's next?

- Implementation of the NDCs
 - Planning
 - Policy measures (legal, institutional)
 - Finance
- Review of NDCs every 5 years

DTU support to implementation

- Support to develop enabling frameworks for sustainable transitions
- Support to elaborate TNAs and NAMAs

Developing a support scheme for rooftop PV in Morocco



Outputs

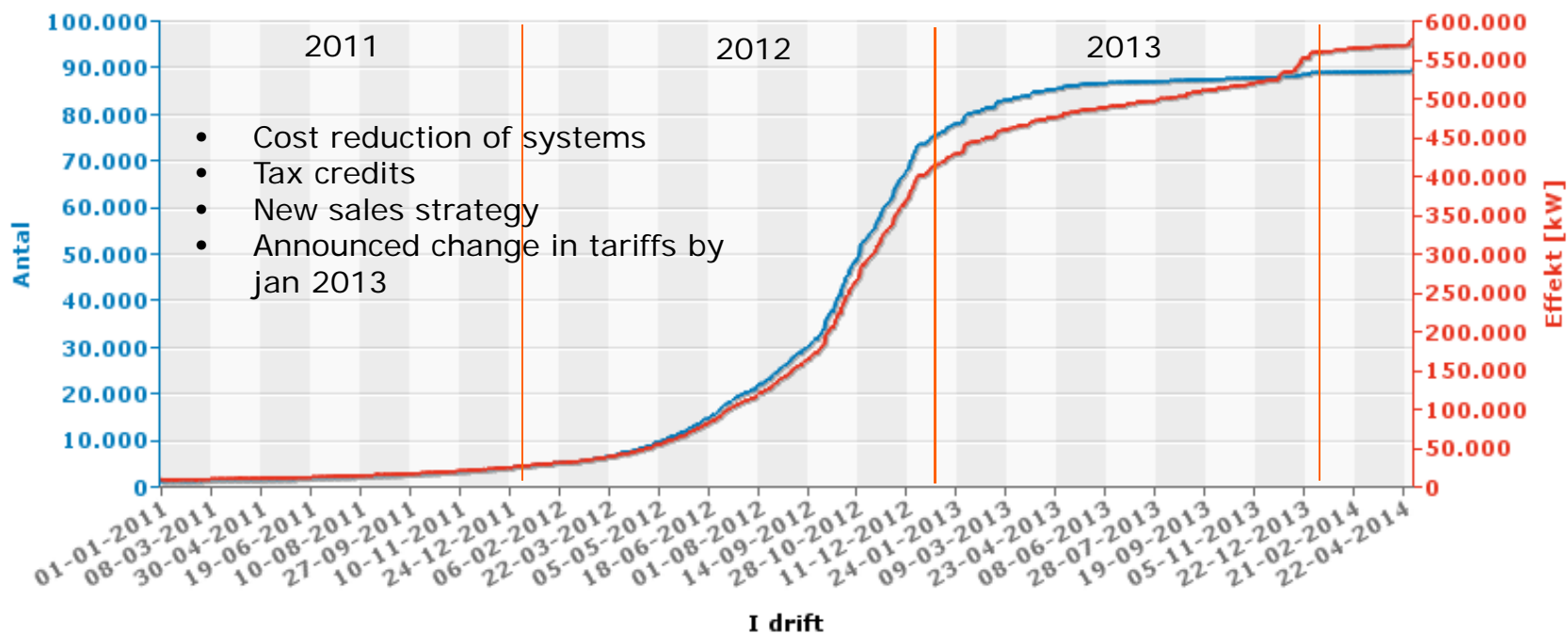
- Analysis of experience with Feed-in Tariffs in EU (Germany, DK)
- Feasibility study of rooftop PV for various groups of customers
- Proposals for:
 - net-metering modalities in collaboration with the ministry and the distribution company
 - dedicated finance schemes for private investors in rooftop solar
 - need for information and capacity building activities
- Calculation of cost and effects

Partners:

- Ministry of Energy, Mining, Water and Environment in Morocco
- GIZ on legal issues
- Local consultants
- Local stakeholders, such as suppliers, distribution companies and finance institutions



Development of rooftop solar in DK



Thanks for your attention



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