

# Roadmap, Action Plans and Practical Guidelines WP7

Ayla Uslu, Karina Veum, Matthew Halstead,  
Francesco Dalla Longa

Energy Research Centre of the Netherlands (ECN)

*BETTER AB Meeting  
Athens, 20 September 2013*

# Outline

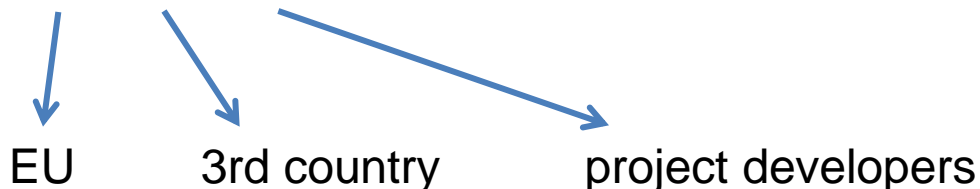


- Introduction:
  - WP7 objectives
  - WP7 progress
- Interactive session:
  - Roadmap
  - Action plans
  - Practical guidelines

# WP7 objectives



- Synthesise results of case studies and integrated assessment within three main deliverables:
  1. Roadmap
  2. Action plans
  3. Practical guidelines
- Draw policy conclusions
- Assess synergy between coopmex and EU RES objectives (2020 and beyond)
- Capture the interest of project developers
- Identify key conditions for successful projects
- Create win-win-win circumstances



# WP7 progress



- High-level documents capturing the main findings
- Early start in order to:
  - be up-to-date on ongoing work
  - ensure good flow of information
- Interaction within BETTER consortium:
  - Memo on deliverables contents
  - Trigger feedback/comments/discussion
- Achieved so far:
  - Proposed contents
  - Identified inputs from other WPs
  - Drafted outline of 3 deliverables
- **Time for interaction outside the consortium!**

# Roadmap

- Departure point
- Destination
- Pathway(s)



# Roadmap

- Departure point
    - Current framework (RES in EU and 3rd countries)
  - Destination
    - Situations where JPs are implemented
    - Identification of opportunities and prerequisites
    - ... but still difficult to define precisely at this point
  - Pathway(s)
    - Overview of barriers and risks
    - Ways to overcome them (link to action-plans)
    - Policy recommendations
- 
- Draw from scenarios analyzed in case studies and WP6
  - Target group 1: EU policy makers
  - Target group 2: 3rd countries policy makers
  - Length < 40 pages
  - Will include regional subsections



# Roadmap: questions & discussion



- Is a Roadmap useful? Why?
- Target group(s)?
- How to best synthesise results from case studies into a roadmap?
  - Regional sub-sections or illustrative boxes?
  - What scenarios are of interest/relevance?
- What is our destination? What vision(s) should the RM promote?

# Action Plans

- Materialize Roadmap vision(s) in terms of:
  - what
  - how
  - who
  - when
  
- Focus on concrete actions
- Focus on short term, but also look at longer term
- Draw from barriers and SWOT analysis in case studies
- Regional specificities
- Max. 20 pages
- Target group: EU & 3rd country policy makers





# Action Plans: questions & discussion

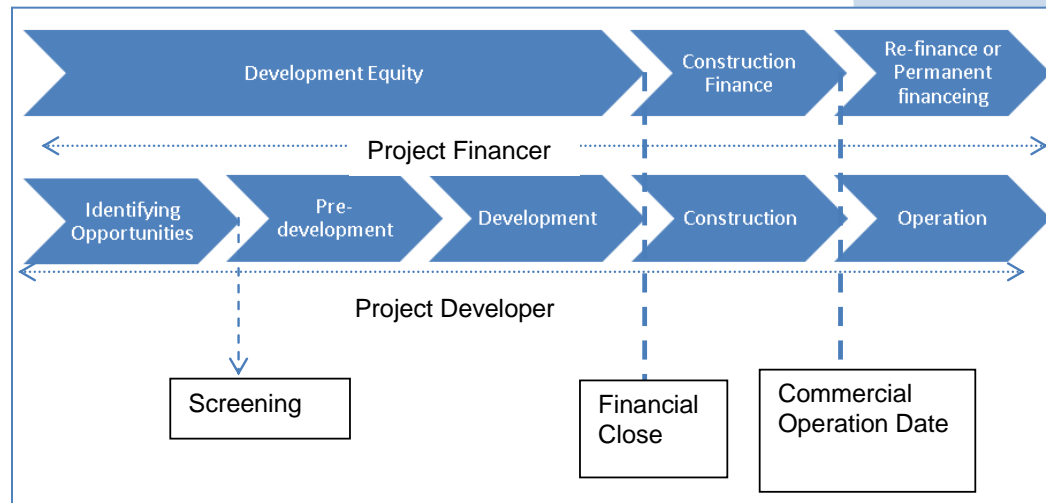


- Difference between Action Plans and Roadmap?
- Target audience?
- Capture concrete specific opportunities, or look at overall picture?
- How to build on SWOT analysis?

# Practical guidelines to project developers and finance providers



- Identify key questions that are relevant for project developers:
  - What's a joint project?
  - How to identify it?
  - How to implement it?
  - How to finance it?
  
- Discuss with selected stakeholders
- Identify suitable format



# Practical guidelines: questions & discussion



- What key features would make this useful?
- Are the themes fit for purpose?
- Who should we ask? (Contacts of project developers)
- Detailed vs. user-friendly: what's the right balance?
- What's the right format?



**Thank you very much for your attention!**

# Roadmap - Outline



## 1. Introduction

- rational-why RES cooperation; why a ROADMAP
- Approach
- Stakeholder involvement
- Vision

## 2. Point of departure

- Framework (incl. goals/targets, economic incentives to promote RES, licensing and other relevant procedures)
- Current deployment and expansion, current costs and potentials
- Drivers for RES development & cooperation in developing RES
- Coordination and cooperation initiatives
- Highlight regional specificities / differences

# Roadmap



## 3. Understanding the challenges to joint projects

- Challenges common to all case studies
- Challenges specific to case studies

## 4. Looking ahead- what are the opportunities

- Where are the cooperation opportunities
- What are the prerequisites for these opportunities to be realised
- Region specific time framed opportunities

## 5. Facilitating RES cooperation between the EU and Third countries (North Africa, Turkey and the Western Balkans)

- Key “ actions” and “ milestones”
  - What, when, by whom, how and where
  - This section will be the summary of action plans

# Action Plans-Outline



1. Background
  - Rational & Approach
  - Objectives to be reached
2. Defining challenges (SWOT)?
3. Overcoming these challenges and materializing the opportunities
  - Actions up to 2030
    - What, who, how
    - Samples of win-win situations
  - Actions 2030-2050
    - What, who, how
    - Samples of win-win situations

# DEVELOPING JOINT RENEWABLE ENERGY PROJECTS BETWEEN EU & NORTH AFRICA, WEST BALKANS AND TURKEY

A practical guide to project developers and finance provider



## 1. Introduction

- What is RE joint projects?
- Why joint projects?
- Why this guideline?

## 2. Understanding the concept of a joint project

- What is a joint project, how is it defined in the RED directive, what could it look like
- What are the requirements (e.g. physical transfer, there has to be an underlying gov-to-gov agreement), build on the commission's guidance document, it will be an important starting point
- What are the drivers
- What advantages compared to an “ordinary” project, why go to all the bother of doing more complex projects



## 3. Identifying the Opportunities

- What are the volumes of RES amounts targeted for transfer? Which technologies
- Do joint projects fit within the scope of the energy policy of the third country?
- Does the existing infrastructure favor interconnection and transmission of RE?
- Who are the key stakeholders to renewable energy joint projects?(local community, non-governmental organizations, etc. And how to communicate and build consensus among those stakeholders?
- What are the key country specific risks involved (corruption, transparency, changing political regime,)?
- What is the design of support mechanisms for joint projects and how do these interact with domestic support schemes?—Deliverable 2.4

## 4. Developing a joint project

### ➤ *Site*

- How land access issues differ from a regular renewable energy projects?
- How property ownership agreements can be settled within a joint project?
- How to deal with the issue that interconnection and transmission infrastructure crosses not only land of several owners but several countries?

### ➤ *Resources*

- Are there publically available source of high quality solar and wind data ?

## ➤ *Off-take*

- the off-take agreement a PPA or other agreements? that include the term of sale of renewable electricity among the project owner, the host country and the importing country.
- What are the necessary transmission access related agreements necessary to get the power to the power purchaser?
- Who involves in an off-take agreement ? Who approves the off-take agreement?

## ➤ *Permits*

- Which permits are required, which authorities are involved , how long would the permitting procedure take considering the joint projects are different than a regular renewable energy project?

## ➤ *Grid access and transmission*

- What are the grid access regulations? Is there a priority access to public transmission and distribution grids?
- What issues are there surrounding transmission from generation to interconnectors and through to the MS? Proof and tracking requirements?
- How can the infrastructure cost sharing be settled? (shallow connection charges, deep connection charges) ?

## 5. Financing joint projects

## 6. Implementing Joint Projects