

**BRINGING EUROPE AND THIRD COUNTRIES CLOSER  
TOGETHER THROUGH RENEWABLE ENERGIES**



# **Presentation of the BETTER Project**

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*Stakeholder and Advisory Board Consultation meeting  
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Programme of the European Union

# OUTLINE



**BETTER  
Project**

- ✓ **Project Summary;**
- ✓ **Background;**
- ✓ **Objectives;**
- ✓ **Methodological Framework;**
- ✓ **Expected Outcomes;**
- ✓ **Work Programme;**
- ✓ **Stakeholder Involvement;**
- ✓ **Expected Added Value;**
- ✓ **Website & Contact Details.**



# PROJECT SUMMARY (1/2)



- ✓ **Title:** Bringing Europe and Third countries closer together through renewable Energies (BETTER);
- ✓ **Carried out:** Under the Intelligent Energy for Europe Programme, managed by the Executive Agency for Competitiveness and Innovation (EACI);
- ✓ **Started:** 1<sup>st</sup> July 2012;
- ✓ **Expected Completion Date:** 1<sup>st</sup> January 2015;
- ✓ **Coordinator:** CIEMAT;
- ✓ **Contract number:** IEE/11/845/SI2.616378



# PROJECT SUMMARY (2/2)



Who we are?



POTSDAM-INSTITUT FÜR KLIMAFOLGENFORSCHUNG



- ✓ **CIEMAT (Spain)**  
Centro de Invest. Energ. Mediamb. Tecn
- ✓ **DLR (Germany)**  
Deutsches Zentrum Für Luft-und raumfahrt e.V
- ✓ **ECN (Netherlands)**  
Energy Research Centre of the Netherlands
- ✓ **JOANNEUM (Austria)**  
Forshungsgesellschaft Mbh
- ✓ **NTUA (Greece)**  
National Technical University of Athens
- ✓ **OME (France)**  
Observatoire Méditerranéen de l'Énergie
- ✓ **PIK (Germany)**  
Postdam Institute for Climate Impact Research
- ✓ **TUWIEN (Austria)**  
Vienna University of Technology
- ✓ **UNDP (International)**  
United Nations Development Programme



# BACKGROUND (1/2)

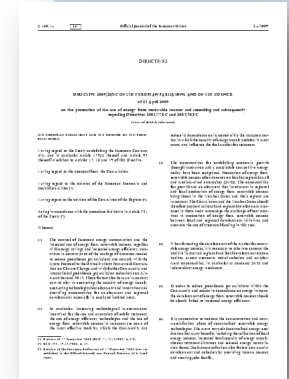


RES Directive

## RES-Directive 2009/28/EC binding targets:

- 20 % RES gross final consumption by 2020;
- Nat. targets: flat rate approach adjusted to GDP.

Directive incorporates some instruments to promote international cooperation in order to meet the 20% EU 2020 target.



COOPERATION MECHANISMS

- Statistical Transfers (*Art 6*)
- **Join projects** within MS (*Art 7*) and **with 3<sup>rd</sup> countries** (*Art 9*)
- Join support schemes (*Art. 11*)

**Greater flexibility:** allowing MS with low/expensive potential/generation cost partially meet their National targets in other countries.

**Reduce the overall costs** to meet RES 20% European target.



# BACKGROUND (2/2)



## The Facts

- ✓ Great savings are expected from the cooperation with 3<sup>rd</sup> countries but, so far, no successful implementation of cooperation mechanisms has taken place.
- ✓ Various relevant RES cooperation initiatives exist that aim at fostering RES cooperation between EU and neighbouring countries but the concrete framework to implement cooperation mechanisms with 3<sup>rd</sup> countries has not been sufficiently investigated.
- ✓ Among cooperation mechanisms, the implementation of cooperation mechanisms with 3<sup>rd</sup> countries seems to be lagging behind due to the higher complexity involved (higher degree of grid infrastructure requirements, some degree of geopolitical unrest, more complex financing schemes, differences in public acceptance, potential environmental and socio-economic co-effects, different laws and regulations, long lead-time requirement in order to fully interconnect 3<sup>rd</sup> countries with EU, etc).



# OBJECTIVES (1/2)



*“**BETTER** intends to address RES cooperation between the EU and third countries in several dimensions...*

*The core objective is to **assess, through case studies, stakeholders involvement and integrated analysis** to what extent cooperation with third countries can help Europe achieve its RES targets in 2020 and beyond, trigger the deployment of RES electricity projects in third countries and create synergies and **win-win circumstances for all involved parties.**”*



## OBJECTIVES (2/2)



### Key Underlying Objectives

- ✓ **Assess whether and under what conditions** the 4<sup>th</sup> mechanism can help Europe achieve its RES targets in a cost effective way and generate win-win conditions for all involved parties.
- ✓ **Trigger** policy makers, national governments and private sector both in EU and third countries to **make use of the cooperation mechanism with third countries.**

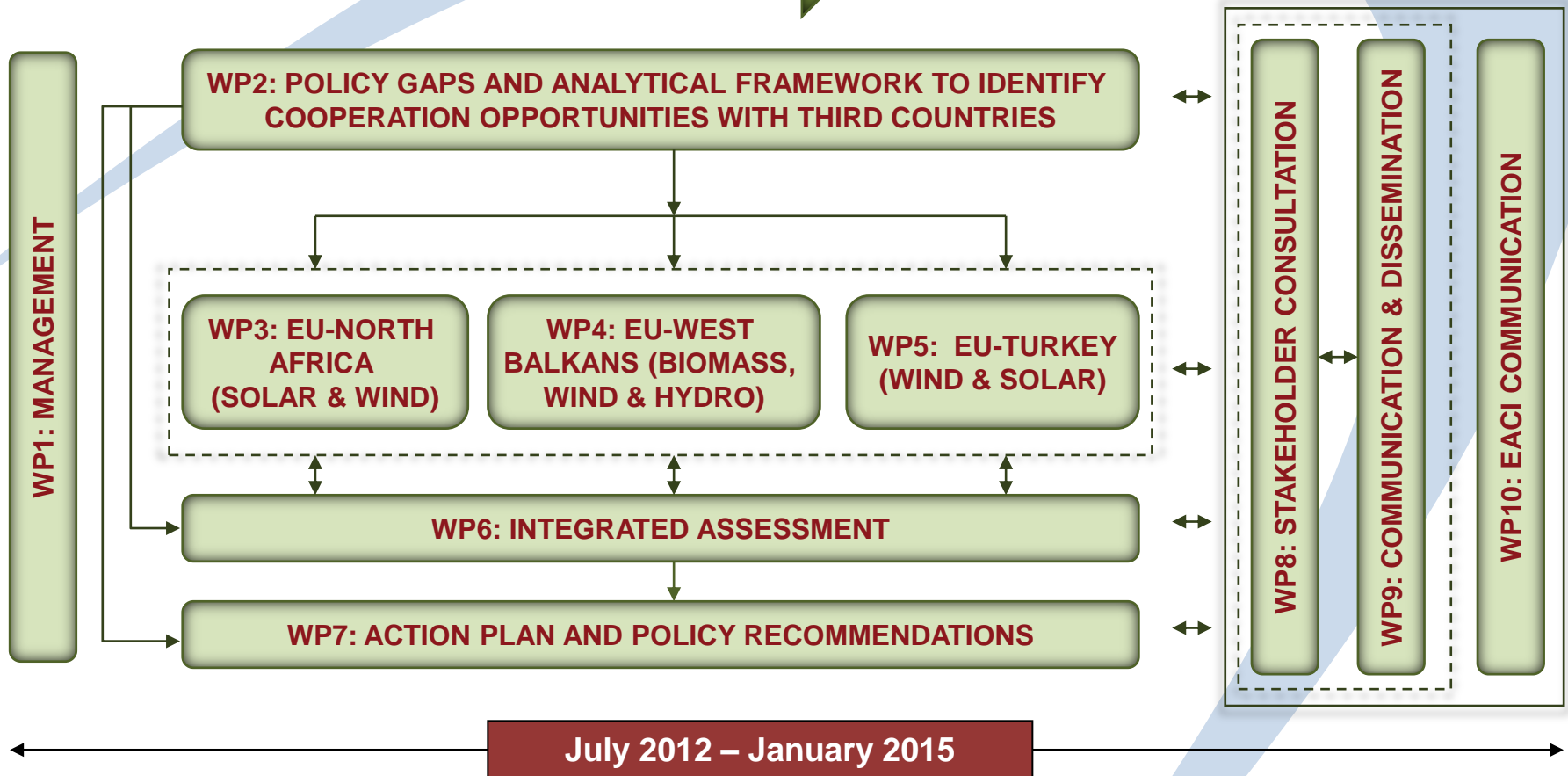




# METHODOLOGICAL FRAMEWORK (1/2)



## PROJECT FLOW SCHEME



# METHODOLOGICAL FRAMEWORK (2/2)



**Integrated assessment** will be undertaken from the “EU plus third countries” perspective, including:

- Detailed quantitative cost-benefit evaluation of feasible policy approaches and power system analysis.
- Other possible “co-effects”, such as impacts on EU climate targets, energy security and macro-economic aspects will be analysed.

**Case studies in N. Africa, W. Balkans and Turkey** will investigate in detail the technical, socio-economic and environmental aspects of RES cooperation.

**Expected Results**



# EXPECTED OUTCOMES



- ✓ **Evaluation** through case studies and integrated analysis of the **impacts associated to the implementation of the cooperation mechanisms.**
- ✓ **Action plan** to foster RES energy production, transfer and use in the EU and third countries through cooperation mechanisms.
- ✓ **Policy recommendations.**
- ✓ Set of **practical guidelines** in order to foster and promote the active involvement of **private sector** in the deployment of mutually beneficial RES-E projects using the cooperation mechanism.
- ✓ Establishment of a **solid and productive stakeholder network** between EU and 3<sup>rd</sup> countries as well as relevant existing initiatives to foster RES cooperation and knowledge transfer.
- ✓ Generation of **knowledge and dissemination material** to advocate in favour of EU cooperation mechanisms as well as RES deployment.



# STAKEHOLDER INVOLVEMENT



## Why Involve Stakeholders?

- ✓ BETTER wants to be an **action oriented** project → **stakeholder involvement is FUNDAMENTAL** to understand and assess the critical factors (variables at play) related to the implementation of cooperation mechanisms between Europe and third countries as well as to identify the necessary policy prerequisites.
- ✓ Need to take into account **several aspects** (technical, legal, regulatory, financial and socio-economic aspects, etc) **in different regions and contexts**.
- ✓ The consortium wants to further enlarge the network to more stakeholders to **make sure that all relevant opinions, concerns, needs and expectations** expressed by stakeholders' community **are correctly reflected** in the approach taken for assessment within BETTER.



# EXPECTED ADDED VALUE



- ✓ **BETTER focuses on Cooperation mechanisms of the RES directive** as an instrument to further foster RES deployment in third country.
- ✓ **Strong stakeholder involvement both in Europe and third countries.**
- ✓ BETTER addresses the cooperation mechanisms opportunities from **3 different regions** both through the integrated analysis as well as in the in depth case studies.
- ✓ The BETTER consortium is not driven by any political/ geographical/ private interest.
- ✓ BETTER addresses **all RES technologies.**
- ✓ BETTER is a **results/ action oriented project.**
- ✓ Results will be based on a dual approach (**top down & bottom up approach**).



# WEBSITE & CONTACT DETAILS



## Website's address

<http://better-project.net>

A screenshot of the BETTER project website homepage. At the top left is the BETTER logo. Below it is a navigation menu with links: HOME (Home Page), THE ACTION (About Better), NEWS &amp; EVENTS (Stay In Touch), VIRTUAL LIBRARY (Documents Library), RESULTS (Deliverables), LINKS (Links), and CONTACT (Contact Page). The main content area features a large photograph of a meeting room with several people seated around a table, working on laptops. A whiteboard in the background displays the text "KICK-OFF EXPECTED OUTCOME" followed by bullet points: "Clear understanding of the overall project goals, challenges, timing, responsibilities, risks, etc", "Be ready to meet EACI and DG-ENER expectations", and "Be proud to be part of the BETTER consortium". Below the photo is a "Welcome to BETTER Project" section with introductory text. At the bottom, there are four circular icons with labels: "NEWLETTER SIGN-UP" (envelope icon), "PARTNERS AREA" (three people icon), "SEARCH" (magnifying glass icon), and "CONTACT" (information icon).

## Contact Details

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