

# Design and impact of a harmonised policy for renewable electricity in Europe



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## Core objective of the project

- ◀ Look more closely beyond 2020 by *designing & evaluating feasible pathways of a harmonised European policy framework* to support RES in general & RES-E in particular
- ◀ Contribute to the forming of a *European vision of a joint future RES policy framework* in the mid- to long-term

## Aim of today

*This conference* is dedicated to present and discuss interim results with a broad set of stakeholders. Among others this will provide also useful input to subsequent work.

In focus of forthcoming presentations:

- ◀ Europe's RES strategy beyond 2020
  - ◀ Possible/feasible **RES policy pathways for the period beyond 2020**
- ◀ **Design elements** for support instruments and **policy evaluation criteria**
  - ◀ **Interactions** between **RES policies** and **electricity markets**
- ◀ **Interim results** from the assessment of harmonisation pathways from a **juridical, strategic and techno-economic** viewpoint

Project coordination:  
Energy Economics Group (EEG)  
Vienna University of Technology

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## Underlying problems / opportunities

Aim of *this project* is to *look more closely* beyond 2020 **well in time!**

**beyond2020 tackles problems ...** With Directive 2009/28/EC the European Parliament and Council have laid the grounds for the policy framework for renewable energies until 2020 ...

◀... but the *debate on (early) harmonisation of RES support has not ended* which *creates uncertainty* among market actors.

◀Proposal for RES-E harmonisation have *focused mainly on quota systems / certificate trading*.

◀*Previous evaluations of harmonisation have often been too idealistic / theoretical* – specifically juridical feasibility and political practicability or risks arising from policy or market failures have been, if at all, only considered insufficiently.

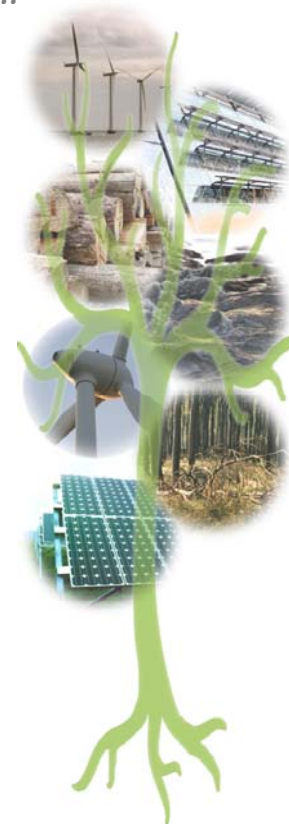
**beyond2020 offers opportunities ...**

◀Assessment of *a broad set of policy options* for a harmonisation of RES(-E) support

◀*Evaluation* of policy proposals *from various viewpoints* - i.e. costs & benefits, strategic impacts, political practicability, juridical implementation, market integration aspects.

◀*Focus* on *beyond 2020*, but also *transition phase before 2020* tackled.

◀Contribution to the debate *whether a harmonisation of RES support appears beneficial at all*



## Main steps

◀ *Elaboration of feasible policy approaches for a harmonisation of RES support, involving various policy paths*

◀ *Impact assessment to analyse and contrast different instruments as well as corresponding design elements, involving ...*

◀ a *quantitative model-based analysis* of future RES deployment and corresponding cost, expenditures & benefits based on the Green-X model

◀ a detailed *qualitative analysis*, focussing on *strategic impacts*, *political practicability* and *guidelines for juridical implementation*.

◀ Derivation of *prerequisites* for and *trade-offs* with the future European *electricity market*.

◀ The project will be embedded in an intense and interactive dissemination framework.

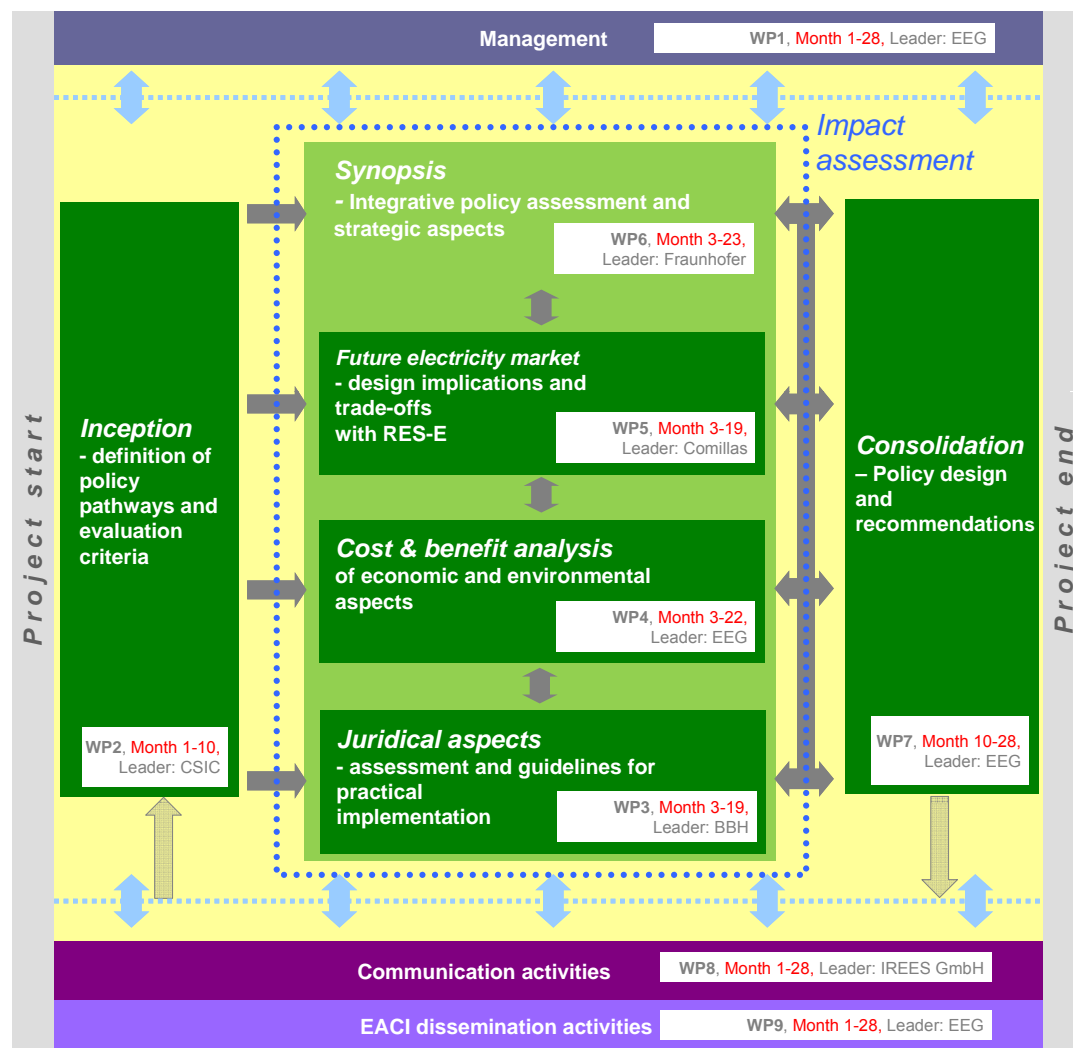


Figure: Flow chart of beyond2020

## Expected results

beyond2020 aims to provide **the scientific knowledge base for the design, evaluation and implementation** of policy proposals for a **harmonisation of RES support** in Europe.

*A broad set of results will be derived within beyond2020, available in form of comprehensive project reports, accomplished by brief summaries of key findings and presentations at workshops as well as via scientific papers ...*

Key outcomes of beyond2020 are:

- ◀ Review report on *interactions* between assessed *RES-E support* instruments and *electricity markets*
- ◀ Identification of *potential areas of conflict of a harmonised RES support scheme with European Union Law* as well as derivation of legal requirements and recommendations
- ◀ A *Multi Criteria Decision Analysis (MCDA)* tool used to evaluate the policy proposals
- ◀ **The final outcome** will be a ***fine-tailored policy package***, offering:
  - ◀ A *concise representation of key outcomes* and a detailed comparison of *pros and cons of each policy pathway* (incl. quantitative and qualitative results)
  - ◀ Detailed *roadmaps for practical implementation* of each assessed policy pathway
  - ◀ Outline of a *legal draft for the implementation of key provisions* of two recommended policy pathways



## Partners

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	Becker Büttner Held (BBH), Belgium
	Czech Technical University in Prague (CVUT in Prague), Czech Republic
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	Comillas Universidad Pontificia Madrid (Comillas), Spain
	Institute for Resource Efficiency and Energy Strategies (IREES), Germany
	Energie Baden-Württemberg AG (EnBW), Germany

## Agenda (mid-term conference, morning session)

9:55-10:10	Welcome by the EACI William Gillett, EACI
10:10-10:35	Europe's RES Strategy beyond 2020 Tom Howes, European Commission, DG ENER
10:35-11:00	Policy criteria and possible policy pathways for harmonization Pablo del Rio, CSIC
11:00-11:15	Discussion
11:15-11:35	Coffee Break
11:35-12:00	Potential areas of difficulty under EU Law Jana Nysten & Angus Johnston, BBH / UOXF
12:00-12:20	Assessment of harmonization concepts and their practicability - first results, Corinna Klessmann, ECOFYS
12:20-12:35	European RES policy beyond 2020 from an energy company/utility perspective, Bugra Borasoy, EnBW
12:35-12:50	Discussion



## Agenda (mid-term conference, afternoon session)

14:05-14:25	Cost-benefit analysis, initial results of the quantitative assessment of RES policy pathways beyond 2020, Gustav Resch, EEG
14:25-14:50	Interactions between RES-Policies and Electricity Markets Pedro Linares, Comillas & Marian Klobasa, Fraunhofer ISI
14:50-15:20	Integrated policy assessment and strategic aspects, initial results Simone Steinhilber, Mario Ragwitz, Fraunhofer ISI
15:20-15:40	Discussion
15:40-16:00	Coffee break
16:00-17:00	Roundtable: RES policy beyond 2020 – aims, needs, next steps? Moderator: Mario Ragwitz Panel members: Tom Howes (EC/DG ENER), Verena Holzer (E.ON), Josche Muth (EREC), Francesco Dalla Longa (ECN), Susanne Langsdorf (Ecologic/Heinrich Böll-Stiftung)
17:00-17:15	Final Discussion and wrap-up Gustav Resch, EEG

