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# Overview on DIACORE



Renewables in the EU: Costs and benefits of deploying RES  
4th DIACORE-CEPS Policy Workshop, June 25th 2015, Brussels

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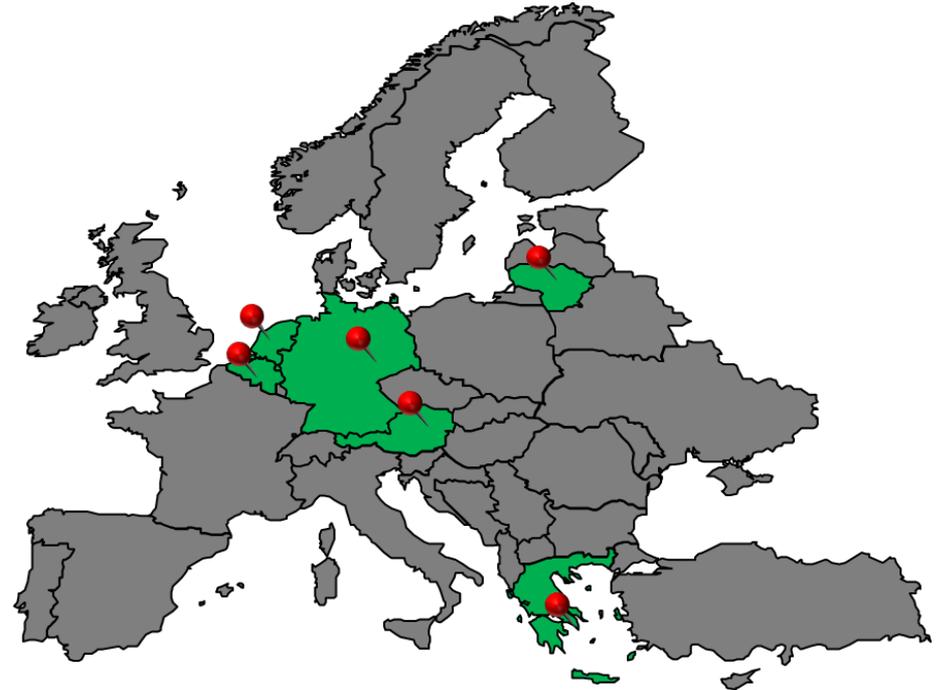
# Background

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- Policy needs
  - Monitoring activities of MS success in meeting 2020 RES targets and modelling of main policy alternatives crucial for future policy development.
  - Need for wider convergence in RES support across the EU
  - Unbiased and scientifically robust analysis needed in a sometimes controversial discussion on the optimal support strategy
  - Importance of continuous stakeholder dialogue and involvement of national and European key decision makers
- Target group
  - National and European policy makers, renewable branch organisations, RES generators, energy consumers and suppliers
- Key data
  - Supported by Intelligent Energy for Europe Programme, managed by the Executive Agency for Small and Medium-sized Enterprises (EASME)
  - Project duration: 36 months (Started: 01/04/2013)

# Partners

<b>Fraunhofer ISI</b> (Germany)	Fraunhofer Institute for Systems- and Innovations Research
<b>EEG</b> (Austria)	Vienna University of Technology, Energy Economics Group
<b>Ecofys</b> (Netherlands)	Ecofys Netherlands bv
<b>CEPS</b> (Belgium)	Centre for European Policy Studies
<b>DIW</b> (Germany)	German Institute for Economic Research
<b>Eclareon</b> (Germany)	Eclareon GmbH
<b>UU</b> (Netherlands)	University of Utrecht
<b>NTUA</b> (Greece)	National Technical University of Athens
<b>AXPO</b> (Austria)	AXPO Austria
<b>LEI</b> (Lithuania)	Lithuanian Energy Institute



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# Expected outputs

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- Creating an **interactive and web-based database** on key input parameters for policy implementation and assessed performance of existing and planned policies, monitoring **policy performance**
- Assessing **costs and benefits of RES** today and in the future (2020, 2030), including impacts from a system perspective (generation costs, externalities), distributional effects (policy costs incl. market values and merit order effects) to foster public acceptance
- Identifying relevance and severity of **policy related risks** threatening investments in the RES-sector
- Providing targeted solutions for **cooperation** and **coordination**, including a **transparency platform** on approaches and input parameters for determining remuneration of RES technologies and approaches for coordinating national policies
- Establishing an **interactive policy dialogue** with stakeholders at EU and national level providing up-to-date information platform and scientific knowledge base on RES support policy performance
- Deriving a fine-tailored **DIA-CORE policy package**

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# Methodological framework

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- Statistical analysis of historical data / development of quantitative indicators on the performance of RES support schemes (e.g. on effectiveness and efficiency)
- Profitability analysis of investments in RES projects
- Stakeholder consultation and surveys – internet based and by personal contacts
- Analytical analysis of market and policy interactions
- Technology-specific case studies for biomass and solar PV
- Quantitative analysis of the costs and benefits of present and future policy options based on the techno-economic model Green-X

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# Achieved results and current status

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- Update and improvement of historic indicators regarding the policy performance of EU Member States
- Survey on barriers and drivers framing the diffusion of renewables completed with feedback of ca. 180 respondents
- 1<sup>st</sup> policy workshop on “Renewables in the EU: Policy performance, drivers and barriers” in June 2014, 2<sup>nd</sup> workshop on “Costs and benefits of deploying RES” in October 2014, 3<sup>rd</sup> workshop on “Financing RES” in May 2015
  - Report and policy brief on these topics available on the website
  - Several webinars were held on these topics
- Stakeholder consultation and survey completed and partially ongoing to better understand financing requirement of investors, the relation to policy risk and capital costs

## More information:

<http://www.diacore.eu/>

### WELCOME TO OUR WEBSITE

We welcome you to the Project "Policy Dialogue on the assessment and convergence of RES policy in EU Member States", started in April 2013 and carried out under the Intelligent Energy – Europe programme.



**DIA-CORE** intends to ensure a continuous assessment of the existing policy mechanisms and to establish a fruitful stakeholder dialogue on future policy needs for renewable electricity (RES-E), heating & cooling (RES-H), and transport (RES-T). Thus, **DIA-CORE** shall facilitate convergence in RES support across the EU and enhance investments, cooperation and coordination.

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