

# Final report

## 1.1 Project details

<b>Project title</b>	EUDP 14-II IEA Experts Group on R&D Priority-setting and Evaluation 2015-2017
<b>Project identification (program abbrev. and file)</b>	EUDP-2015-2017 64914-0501
<b>Name of the programme which has funded the project</b>	EUDP
<b>Project managing company/institution (name and address)</b>	DTU Management Engineering Produktionstorvet, byg 426, 2800 Kgs. Lyngby
<b>Project partners</b>	DTU
<b>CVR</b> (central business register)	DK 30 06 09 46
<b>Date for submission</b>	February 2018

## 1.2 Short description of project objective and results

The project has assured Danish participation and management of the IEA Expert Group on R&D Priority-setting and Evaluation (EGRD) and thereby contributed to create an international knowledge sharing platform for Danish actors regarding technology assessment, energy R&D priority setting and assessment of benefit from R&D. The EGRD holds two workshops per year. The work has been structured along two annual workshops followed by a Steering Group meeting. The Danish leadership of the Experts' Group has assured:

- Dialogue with Danish stakeholders, in particular the Danish Energy Authority/EUDP, Energinet and the energy sector on relevant topics to be included in the work programme and activities.
- Invitation to relevant Danish experts from authorities, research institutes and industry to give workshop presentations and participate in workshop discussions.
- Dissemination of the results and recommendations from the Group activities to relevant Danish stakeholders.

*Projektet har sikret dansk deltagelse og ledelse af IEA ekspert gruppe vedr. F&U prioritering og evaluering (EGRD) og derved bidraget til at skabe en international videns platform for danske aktører vedr. teknologivurdering, R&D prioritering og vurdering af forskningsresultater. Arbejdet er struktureret omkring to årlige to dages workshops, som er efterfulgt af ExCo møde. Den danske ledelse i EGRD har sikret:*

- *Dialog med danske interessenter, især Energistyrelsen/EUDP, energinet og energisektoren vedr. relevante emner der skal inkluderes i arbejdsprogrammet.*
- *Invitation til relevante danske eksperter fra myndigheder, forskningsinstitutioner og industri vedr indlæg og deltagelse i workshop.*
- *Formidling af resultater og anbefalinger fra gruppens arbejde til relevante danske interessenter*

## 1.3 Executive summary

A total of 6 workshops have been realised, fulfilling the CERT approved work programmes. Each EGRD event enables a broad perspective of timely, thematic issues. For each topic, members identify relevant national experts from government agencies, universities or re-

search institutions who could contribute to the debate. Intergovernmental organisations, non-governmental organisations and the private sector are invited to contribute where relevant. Workshop reports are available here: <http://www.ieadsm.org/egrd/>

Workshop on Will a smarter grid lead to smarter end users – or vice versa, 3 – 4 June 2015, Oslo. In cooperation with the Research Council of Norway

Workshop on Island Energy - Status and Perspectives, 5-6 October 2015, Tokyo. In cooperation with Institute of Applied Energy, METI and NEDO.

Workshop on Space Cooling, IEA, 17-18 May 2016, Paris.

Workshop on Life in the Fast Lane: Evolving Paradigms for Mobility and Transportation Systems of the Future, 26-27 October 2016, Washington. In cooperation with DOE.

Workshop on Blue sky research for energy technology, 14-15 June 2017, Birmingham. In cooperation with University of Birmingham.

Workshop on Towards a Consumer-Driven Energy System: Understanding Human Behaviour, 12-13 October 2017, Lyngby. In cooperation with DTU.

Under preparation Workshop on The Water-Energy Nexus. 28-29 May 2018. In cooperation with the JRC EU Commission.

#### **1.4 Project objectives**

The project develops international state of the art knowledge on energy technology policies, strategies and mechanisms and thereby contributes to the Danish knowledge base on energy technology policies and actions.

#### **1.5 Project results and dissemination of results**

Workshop presentations together with an executive summary are uploaded on the IEA workshop pages. The full summary workshop reports are published at the TCP DSM web-page: <http://www.ieadsm.org/egrd/>. The Danish participant has distributed these reports and workshop findings to relevant experts in the Danish energy sector.

#### **1.6 Utilization of project results**

During the preparation of workshops, the Danish participant is in dialogue with Danish stakeholders in the Danish energy sector to assure 1) Danish contributions and experiences and 2) Danish speakers and participants.

Indirectly, workshop results can be used in multiple settings, in particular in Danish energy research, development and demonstration in a global perspective. Special focus is on new energy technologies and the framework conditions under which they are developed so that they can contribute to a secure, sustainable and affordable energy system in Denmark and elsewhere.

#### **1.7 Project conclusion and perspective**

A total of six workshops have been realised, a new work programme has been made for 2018-2020 and the work continues with two annual workshops. The Danish participant has been nominated as Interim chair and has recently received a new EUDP grant for 2018-2020. This assures that Danish participation in this esteemed international network continues to the benefit of the Danish energy sector, not least for those involved in energy R&D, but also to the benefit of the international community who appreciates the Danish best practises and successes in developing a secure and sustainable energy system with a high share of intermittent energy resources.

#### **Relevant links**

Link to latest workshop at DTU: <https://www.iea.org/workshops/egrd-towards-a-consumer-driven-energy-system.html>