

## **Policies to stimulate climate friendly innovation in the materials sector**

### **Climate Friendly Materials Platform**

Berlin, October 20<sup>th</sup> 2017

**This is an invitation only, event held under the Chatham House Rule.**

**Location workshop:** DIW Berlin, Mohrenstr. 58, 10117 Berlin  
**Location dinner:** Restaurant Maximilians, Friedrichstr. 185-190, 10117 Berlin  
October 19<sup>th</sup>, 8.00 pm

#### **Contact Details:**

Registration/Organization: Olga Zhylenko ([OZhylenko@diw.de](mailto:OZhylenko@diw.de))  
Content: Karsten Neuhoff ([KNeuhoff@diw.de](mailto:KNeuhoff@diw.de))

**09:00 – 09:15 Registration and welcome coffee**

**09:15 – 09:30 Introduction**

Karsten Neuhoff (DIW Berlin) and Diana Quezada (Climate Strategies)

**09:30 – 11:15 Session I: How can public policy makers decide on what technologies/projects to support?**

**Chair:** Henry Derwent (Climate Strategies)

We want to explore, how programs/projects can be designed to achieve the desired learning benefit – both for technology providers and for users. This involves answering the question on how to make decisions on awarding support - both in terms of criteria and of governance of the decision process - to reflect for example the potential for global diffusion of low-carbon technologies or the transformation potential as anticipated for example in sector road maps? Relevant sub-questions include the followings: What are relevant issues at different stages of innovation process/technology readiness levels (e.g., information asymmetries, risk of collusion, risk of pork barrel etc.)? How does the structure of the award mechanism (e.g., single-stage vs multi-stage; between-technology vs. within-technology competition) impact on incentives? How should funding at different levels (e.g., European vs national) be coordinated?

**09:30 Policy experience with criteria and governance options for innovation support**

*Presentation:* Roman Doubrava (European Commission, DG Clima)

**09:50 Criteria for innovation support**

*Opening comments:* Gregory Nemet (University of Madison-Wisconsin) and Araceli Fernandez Pales (International Energy Agency)

**10:45 Governance options for innovation support**

*Opening comment:* Olga Chiappinelli (DIW Berlin)

**11:15 – 11:30 Coffee break**

**11:30 – 14:45 Session II: How to design public financial support to stimulate private innovation investments that contribute to transformation?**

*Chair:* Karsten Neuhoff (DIW Berlin)

We envisage discussing a set of the questions on this topic, including the following: Can funding schemes topping-up private investments rely on private commitment and thus reduce public information requirements (to enhance reliability for commercial projects)? Could they then also contribute to diffusion of learning experience beyond the specific commercial interest? How financing instruments can be results-oriented to ensure innovation being on track with long-term sustainability strategies? What financial instruments are most appropriate for what type of projects? How far should funding go (first, second, third of a kind...)? Where should it begin and end (TRL-wise)? How do support programs work together and overlap (e.g. < TRL6 is in Horizon2020)?

**11:30 Opportunities and limits of private innovation finance**

*Opening comment:* Carl De Maré (ArcelorMittal)

**12:30 – 13:15 Lunch break**

**13:15 Relative shares of public and private financing**

*Opening comments:* Jörn Richstein (DIW Berlin) and Ilian Iliev (Cambridge IP)

**14:15 Instruments of public innovation finance for pilots/demonstration projects**

*Opening comment:* Puja Singhal (DIW Berlin)

**14:45 – 15:00 Coffee break**

**15:00 – 15:45 Session III – How can monitoring and ex-post evaluation of funds help to incentivize innovation?**

**Chair:** Heleen de Coninck (Radboud University)

This last session aims at reviewing and discussing experiences with monitoring and ex-post evaluation of innovation funds. Monitoring of ongoing funded projects and ex-post assessment of performance are needed first, to give policy-makers and public and private funders the confidence that resources are spent as planned and in the most efficient way; second, to provide proper incentives for efficiency and performance in the project execution.

**Opening comment:** Gareth Roberts (EU Court of Auditors)

**15:45 Summary and outlook**

**16:00 End of workshop**

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### Confirmed participants

First name	Last name	Institution
Christopher	Beauman	European Bank for Reconstruction and Development
Erika	Bellmann	WWF
Olga	Chiappinelli	DIW Berlin
Simone	Cooper-Searle	Chatham House
Heleen	de Coninck	Radboud University
Carl	de Maré	ArcelorMittal
Henry	Derwent	Climate Strategies
Araceli	Fernandez Pales	International Energy Agency
Tobias	Fleiter	Fraunhofer ISI
Timo	Gerres	Comillas University
Arjan	Geveke	UK Government
Alexander	Heck	Salzgitter
Holger	Hoffschulz	Covestro AG
Ilian	Iliev	Cambridge IP
Ingmar	Jürgens	DIW Berlin
Robert	Kok	Radboud University
Nora	Lambrecht	Heidelberg Cement
Tom	Lorber	CIFF
Russel	Mills	CIFF
Stefan	Muench	European Commission
Gregory	Nemet	University Wisconsin-Madison
Karsten	Neuhoff	DIW Berlin
Carlotta	Piantieri	DIW Berlin
Diana	Quezada	Climate Strategies
Jörn	Richstein	DIW Berlin
Gareth	Roberts	European Court of Auditors
Puja	Singhal	DIW Berlin
Aleksander	Sniegocki	WISE Europa
Rob	van der Meer	Heidelberg Cement
Lars	Zetterberg	IVL Swedish Environmental Research Institute