

Tech Transfer & Climate Change

A Development-Cooperation-Perspective

„International Technology Cooperation to achieve Climate Objectives“
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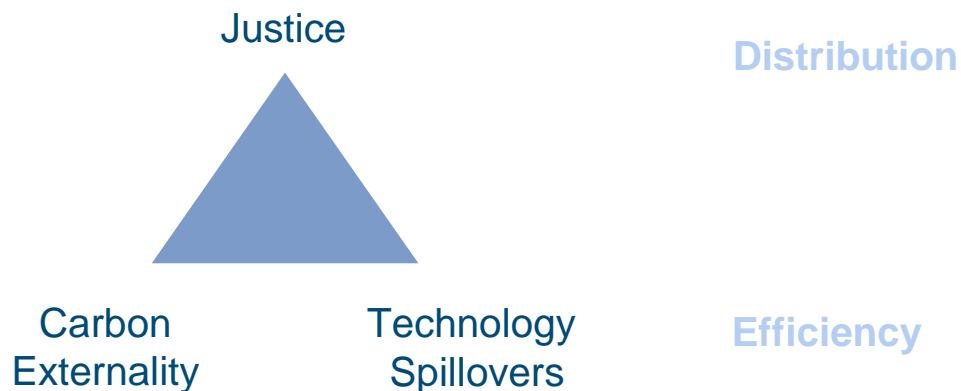
Die Zukunftsförderer



Technology transfer & climate change – A theory perspective



Three issues motivate policy-intervention



Policy intervention typically affects all three issues !

Which technologies may be considered ?

DC - Context

- Robust
- Related Infrastructure
- Isolated use
- Capital Intensity
- Barriers
(Tech – Market – Information)
- ...

Modern Technologies

- Avoid “mistakes” of OECD countries
- Do not misunderstand “proven” technologies

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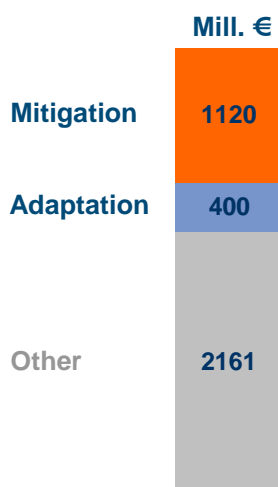
How Tech Transfer needs to be supported



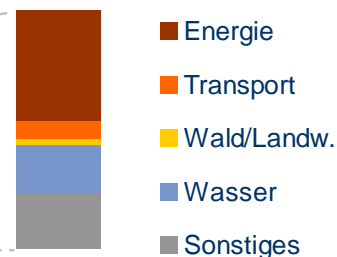
Private-Sector-Engagement

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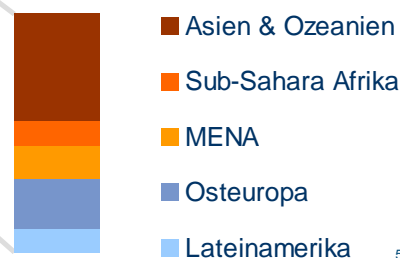
Committments KfW DB 2008



...Sectors



...Countries



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What do others do ?

▪ Klimarelevante Zusagen (2008)



▪ Komparative Vorteile KfW EB

- Vermittlung deutschen Know-hows / deutscher Technologie
- Erfahrung aus Inlandsförderung
- Flexibilität
- Breites Instrumentenspektrum

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Examples – FC Projects

Energy efficiency	Energetische Wohnraumsanierung in Osteuropa	
Renewable energy	Geothermie in Kenia	
Biodiversity and...	„Grüne Sparbücher“ in Vietnam	
... Forestry	Wald-Management in Peru	
Adaptation	Wassermanagement in Jordanien	

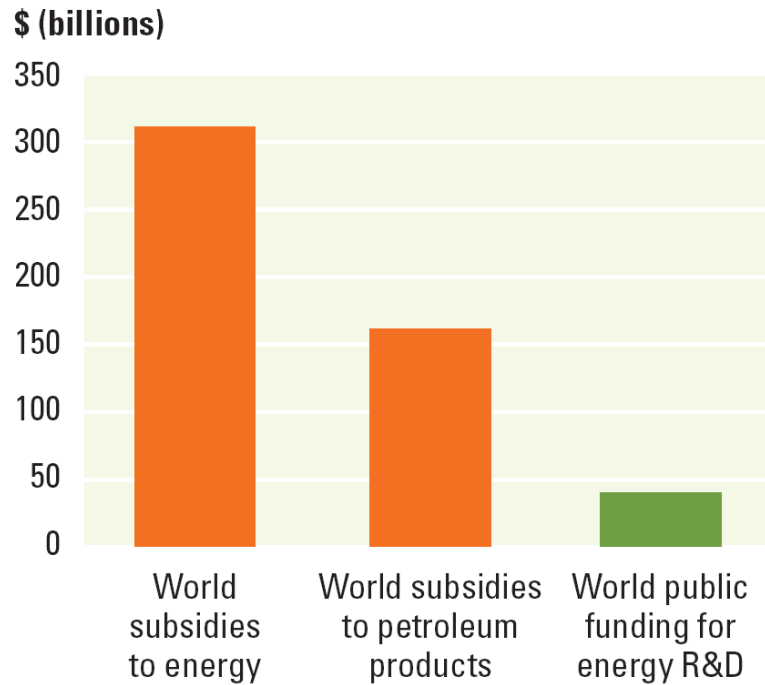
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Needed: Bilateral & Multilateral Institutions

- **In general: All multilateral, bilateral, national and private-sectors entities**
- **Note: Co-operation implies exchange of ideas**
- **Ideas ultimately come from a country**
 - ❖ Flexibility
 - ❖ Country-specific know-how / technology
 - ❖ Experience from domestic activities

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Do not subsidize against the market !



Source: WDR 2010 ⁹

Tech Transfer Menu – Main Ingredients

- **Co-operate along the innovation cascade (& functional cascade within partner country)**
- **Co-operation: From country to country (Role of bilateral & multilateral actors)**
- **“Crowd-in” private sector**
- **Reduce subsidies to „dirty“ technologies**

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