

# Tech Transfer & Climate Change

## A Development-Cooperation-Perspective

„International Technology Cooperation to achieve Climate Objectives“  
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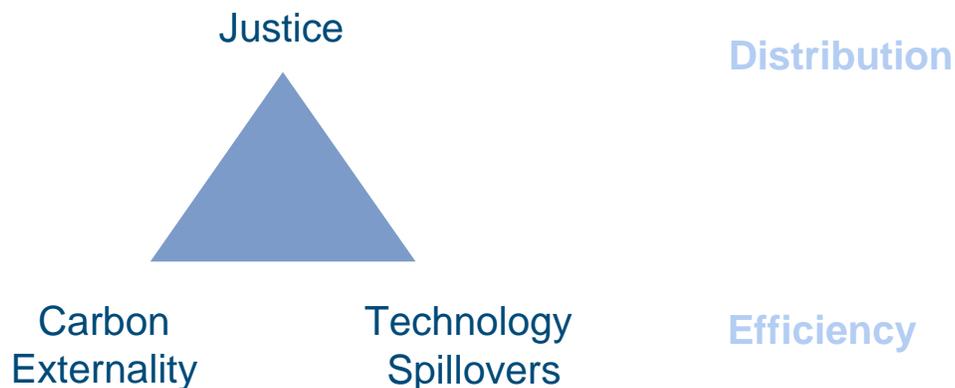
Die Zukunftsförderer



## 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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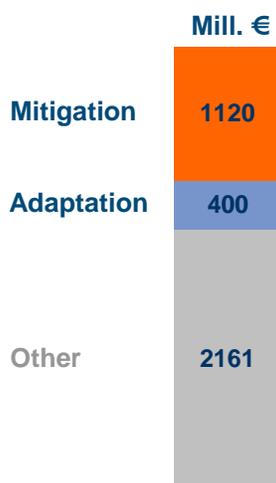
## How Tech Transfer needs to be supported



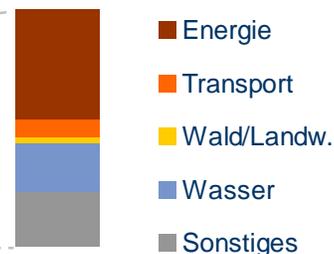
Private-Sector-Engagement

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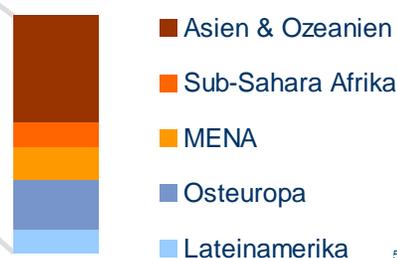
## Committments KfW DB 2008



## ...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

## Examples – FC Projects

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

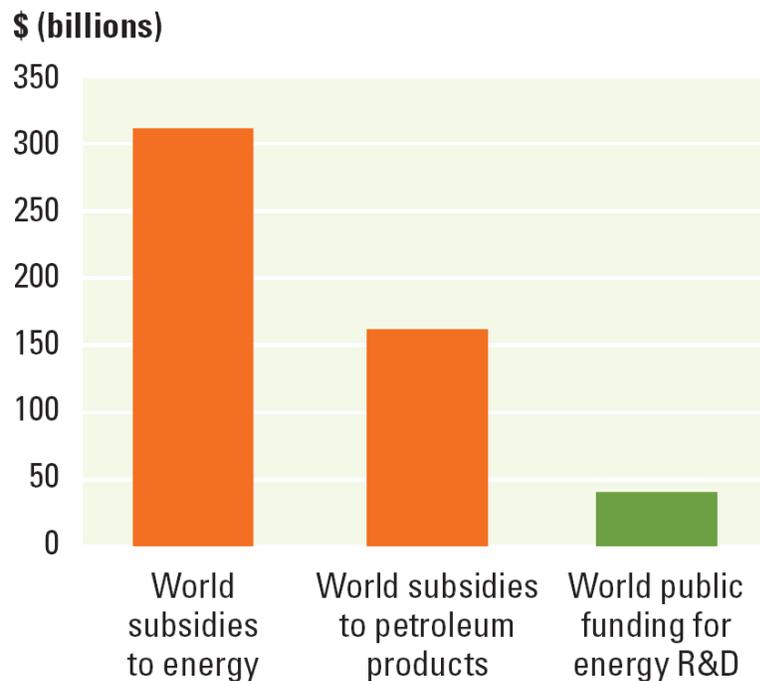
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## Needed: Bilateral & Multilateral Institutions

- **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 <sup>9</sup>

## 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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