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# Low-Carbon Technology Transfer: Lessons Learned from UNU-IAS project

Dr. Lisanne Groen

UNU-IAS postdoctoral fellow (& Keio University)

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# UNU-IAS LCT project

- FY 2015-17 - Low-Carbon Technology Transfer (LCT):
  - FR, GER, UK, US, Japanese LCT approaches
  - Bilateral, multilateral and city-to-city level
- FY 2017: German and Japanese solar energy LCT projects in India



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# Methodology

- **Workshops** with relevant stakeholders (from donor and recipient side)
- **Desk research**
- **Fieldwork:** interviews and site visits (India, Indonesia, Thailand, Vietnam)

# Lessons Learned



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- *Successful LCT projects* = technology demonstration + policy advisory + capacity building
- *Learn from* past projects + connect existing donor projects
- *Bring together* environmental interests, development interests and business interests in sustainable development approach (+ public and private actors) – e.g. in smart cities
- *New product development* by donor together with recipient
- *Local R&D and manufacturing* - degree of industry localization?
- *Renewable energy (RE)*: increase RE generation + modernize electricity transmission & distribution systems + allow for efficient RE use in end-use sectors (via electricity/heat/fuels networks)