

Building International Cooperation for Low-carbon technology transfer

COP21 Japan Pavilion
Paris - Le Bourget

3 December 2015

13:30-15:00

cop21-japanpavilion.jp

The UNU and its Institutes



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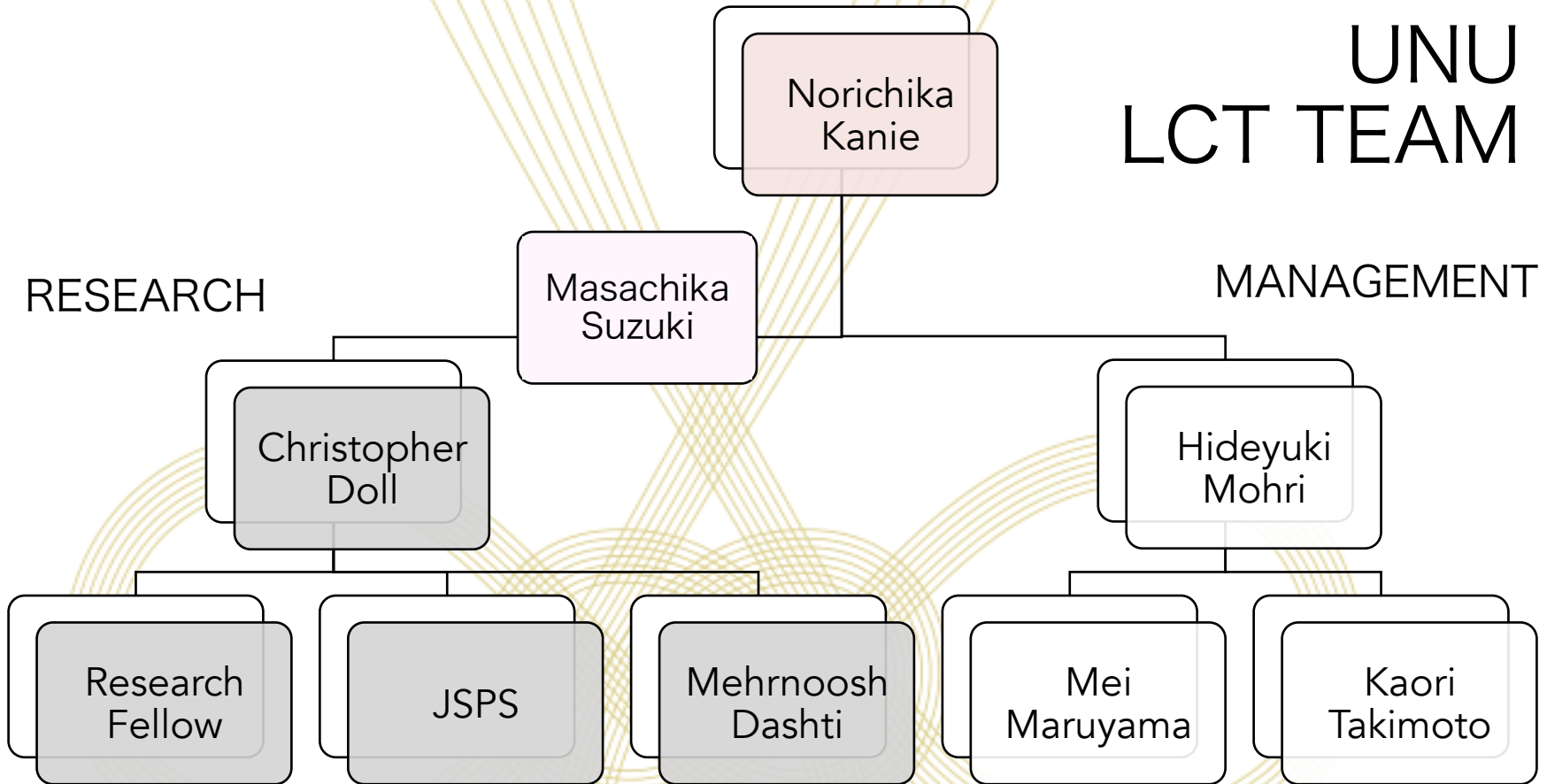
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UNU-IAS Project on Low Carbon Technology Transfer

- Supported by Ministry of Environment Japan
- Part of wider project that is evaluating the effectiveness of low carbon technology in developing countries and is lead by the Institute for Global Environmental Strategies (IGES) with the Asian Institute of Technology (AIT)
- UNU-IAS' s role in this project is to examine the role of international cooperation in the area of low carbon technology transfer.
 - Analyse international strategies of other developed nations

UNU LCT TEAM



LCT PROJECT ACTIVITIES

2015

2016

August September October November December January February March

2nd Advisory Board
Tokyo, 26 Oct

3rd Advisory Board
Tokyo, 22 Jan (tbc)

4th Advisory Board
Tokyo, March

Literature Survey

Meetings and workshop
in Germany
11-15 Nov



COP21 Side-event
in Paris
30-4 Dec

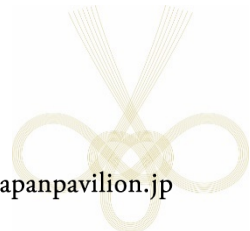
US visit
Mid-Jan

Submission of
the final report
30 Feb

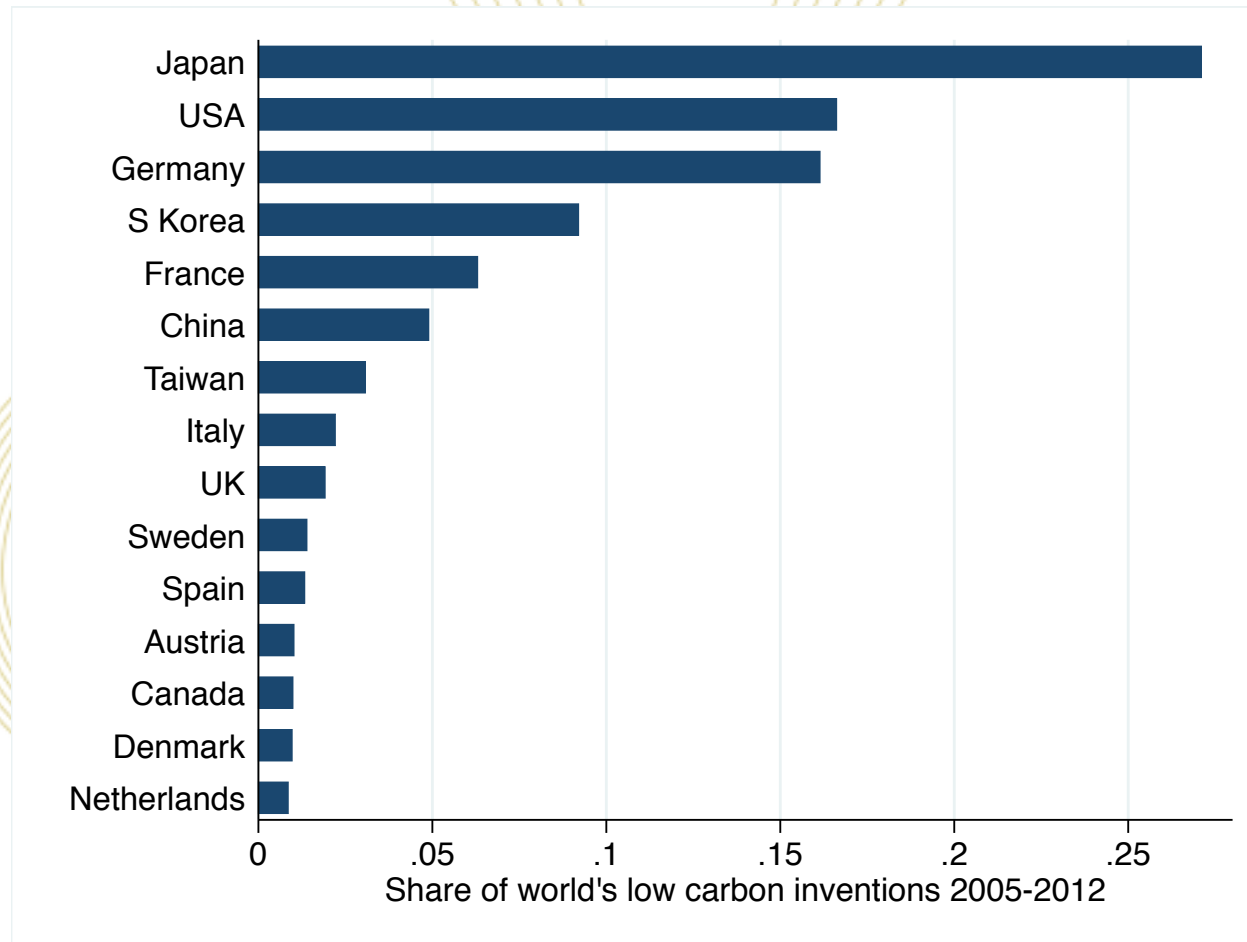
Meetings and workshop
in UK
16 - 18 Nov

Workshop in France
22 February

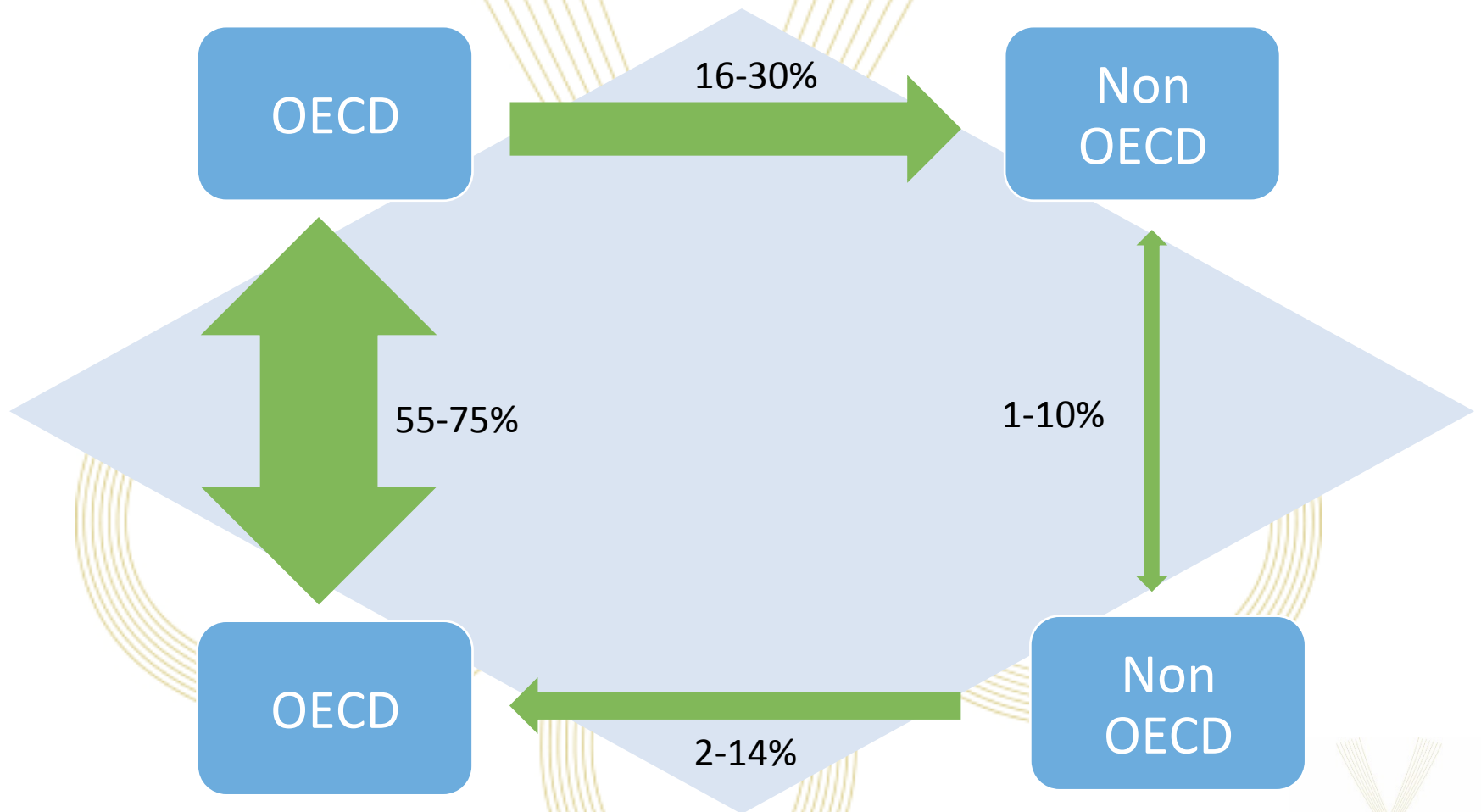
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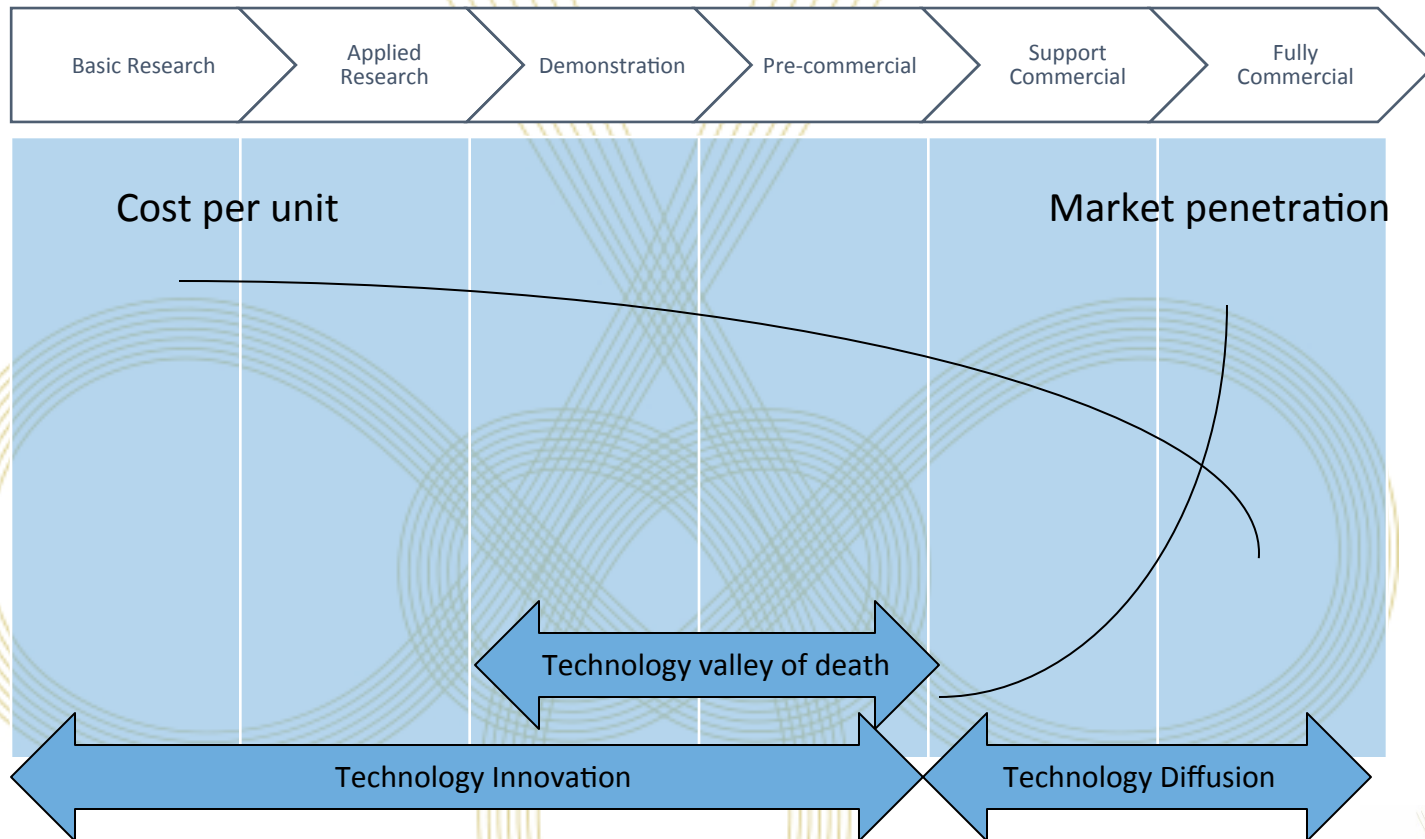
Clean innovation is highly concentrated in developed countries



The geography of climate technology diffusion

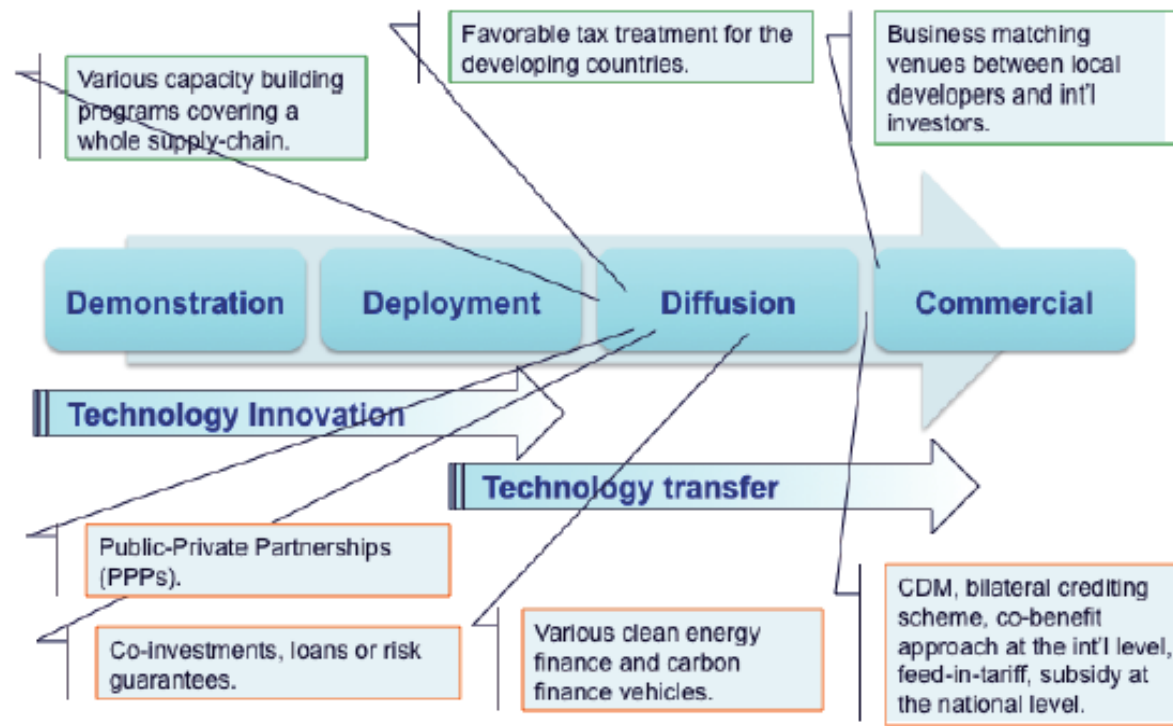


Technology Development Stages

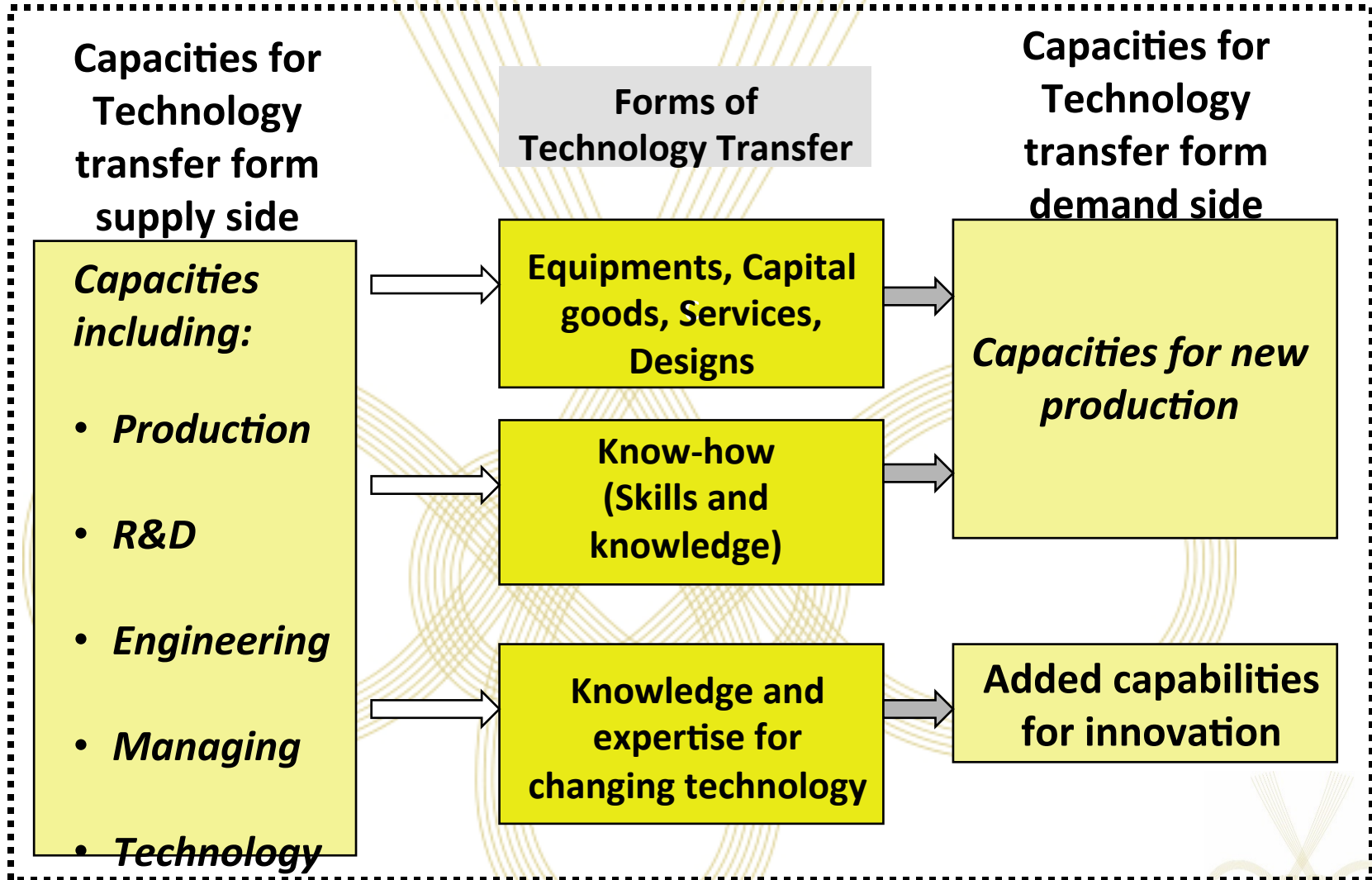


(Source: Balachandra et al. 2010. Commercialization of Sustainable Energy Technologies, Renewable Energy, Vol. 35, 1842-1851.)

Matching policies for different stages of technology



Forms of technology transfer



Technology Transfer for Sustainable Development

- Transfer of equipment, skills, capacity and innovation capacity for low carbon technologies will mean different things in different locations and applications
 - Technologies for fundamental human development
 - Leading technologies for efficiency
 - Low carbon technologies for clean energy
- Thinking in terms of the whole socio-technical system will be useful to identify where action is required

Today's programme

- Takeshi Hattori
 - Head of Environment & Climate Change, International Energy Agency
- Kotaro Kawamata
 - Embassy of Japan, Berlin
- Markus Hagemann
 - Founding Partner, New Climate Institute
- Heleen de Coninck
 - Radboud University / Climate Strategies