

# Innovation and Technology Transfer: Framework for a Global Climate Deal

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#### Introduction



- E3G is a non-profit organisation committed to accelerating the transition to sustainable development
- Innovation and technology report produced jointly with Chatham House

 E3G members have a deep background of working on technology and innovation issues (e.g. Prime Minister's Strategy Unit Energy White Paper, 2002; joint work with Chatham House on EU-China)

### Proposals for action: a new institutional framework for low carbon innovation



- A focus on increasing the absolute levels of innovation and diffusion for adaptation and mitigation
  - Outcome based strategic approaches based on mitigation pathways and risk management
- The needs for action both within the UNFCCC and outside it
- The importance of developing overall innovation systems for low carbon development
  - Use of sectoral approaches to engage all stages of the innovation chain
- The importance of supporting developing countries and international institutions in driving appropriate innovation for developing countries
- The need to rebalance the incentives for innovation and diffusion, including around IPR issues within the UNFCCC

## Breakdown of proposed action inside and outside UNFCCC



#### **Outside UNFCCC Inside UNFCCC National spending Technology development Country Technology** objective: Executive RD&D programmes **MRV** Criteria **Needs Assessments Agency and Technology** Mainstreaming adaptation (TNAs) **Action Plans** in bi-lateral aid **Continued development Global Innovation and** of national/regional **Diffusion Fund** Integration of existing **Market creation** carbon markets multilateral and regional mechanisms RD&D Window funds e.a. CIF Implementation of Carbon Market Diffusion Window developing country sectoral agreements and Developing country enhanced actions other enhanced actions Mandate for public sector **National implementation** 'Protect and share' IPR **Detailed design and** purchasing and of IPR and licensing and licensing agreement implementation of international standards measures purchasing commitments and standards



### Thank you!

This presentation draws from a recent E3G-Chatham House joint publication:

Tomlinson, S., Zorlu, P. and Langley, C. (2008) *Innovation and Technology Transfer: Framework for a Global Climate Deal*. E3G/Chatham House, London.

It is available for download at <a href="https://www.e3g.org">www.e3g.org</a>