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Mr. Krzysztof Michalak, Senior Programme Manager, Environmental Directorate, OECD





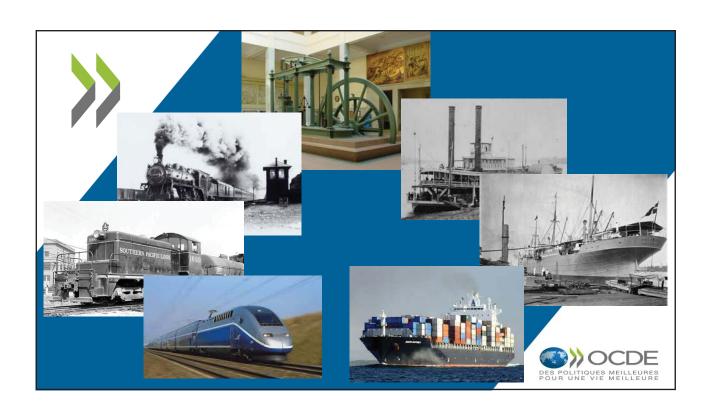
OECD Today

- 34 Member countries span the globe, from North and South America to Europe and Asia-Pacific.
- The world's most advanced countries but also emerging countries like Mexico, Chile and Turkey.





- Restore confidence in markets and the institutions that make them function.
- Re-establish healthy public finances as a basis for future sustainable economic growth.
- Foster and support new sources of growth through innovation, environmentally friendly 'green growth' strategies and the development of emerging economies.
- Ensure that people of all ages can develop the skills to work productively and satisfyingly in the jobs of tomorrow.









Mission Innovation at COP21



"MI will help accelerate the global clean energy revolution..."



Vectors for differentiation of public innovation support

Sectoral	Private enterprisesPrivate or private-public research institutesPublic universities
Technological (broad)	 Dirty technologies (e.g. coal, oil) Clean technologies (e.g. renewable energy, energy efficiency in buildings, etc.)
Technological (narrow)	 Photovoltaics Hydro Biofuels Nanotechs IT Etc.
Firm structure	 Multinationals Large national companies SMEs Start Ups

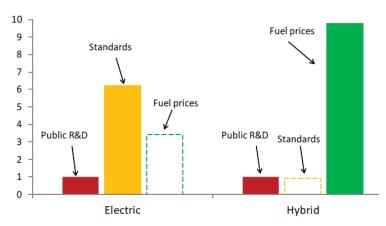


The OECD Innovation Strategy outlines three key strategies to transition to a systems-based approach

- framework policies must be adapted to support the entry and growth of young, innovative firms;
- reverse the decline in public funding of basic research and remove barriers to private R&D investment in green technology;
- governments to create "lead markets" for greener transport, sustainable buildings, energy...



Relative Effect of Technology Standards, Fuel Prices and Public R&D on Innovation in Electric and Hybrid Vehicles



Source: OECD (2011) Invention and Transfer of Environmental Technologies. Note: For ease of interpretation. Elasticities have been normalised such that effect of R&D=1. Unfilled bars indicate no statistical significance.



Key Messages

- Put a price on GHG emissions, for example through taxes or tradable permits, in order to provide incentives
 across all stages of the innovation cycle.
- Provide predictable and long-term policy signals in order to give potential innovators and adopters of climate-friendly technologies the confidence to undertake the necessary investments.
- Use flexible policy measures to give potential innovators incentives to identify the best way to meet climate
 objectives, and to avoid locking-in technologies that may become inefficient in future.
- Provide an appropriate mix and sequencing of complementary policy measures in order to overcome barriers to development and diffusion of breakthrough technologies.
- Balance the benefits of technology-neutral policies with the need to direct technological change toward climate-saving trajectories, by diversifying the portfolio of technologies for which support is provided and identifying general purpose technologies with environmental benefits.
- Since the sources of innovation are widely-dispersed, support research and development in a broad
 portfolio of complementary fields, and not just energy, "climate-friendly" or 'environmental' R&D.
- Ensure that international policy efforts maximise the potential for sharing of knowledge and technologies of mutual benefit, for example through international research-sharing agreements.
- Support international technology-oriented agreements as an important complement to other internation efforts (e.g. emissions-based agreements).

