

## International Energy and Climate Policy at ECN

The Policy Studies unit of the Energy research Centre of the Netherlands (ECN) provides knowledge and strategies that matter for a sustainable energy future. Its Global Sustainability group is dedicated to improving international energy and climate policy, studies new opportunities for post-2012 climate agreements, and analyses the consequences of international climate policy and related instruments. The group has eleven researchers with multidisciplinary backgrounds from various countries, and has worked for a.o. UNFCCC, UNEP, UNIDO, IRENA, UNDP, CDKN, the Global CCS Institute and various governments. This flyer presents some of the group's recent projects and tools.

### Mitigation Momentum

The Mitigation Momentum project aims to support the development of Nationally Appropriate Mitigation Actions (NAMAs) by contributing to the development of concrete NAMA proposals, and to foster cooperation and knowledge exchange within the NAMA community. Mitigation Momentum is a collaboration between ECN Policy Studies and Ecofys Germany. The project is part of the International Climate Initiative supported by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety.

Website: [www.mitigationmomentum.org](http://www.mitigationmomentum.org)  
Contact: Xander van Tilburg ([vantilburg@ecn.nl](mailto:vantilburg@ecn.nl))



### Kenya's Climate Change Action Plan

In April 2010 the Government of Kenya published its National Climate Change Response Strategy. Work is now ongoing on an Action Plan that identifies the intermediate actions that are needed in order to make coordinated and practical progress. ECN and IISD, along with local experts, are currently working with government ministries and the Climate Change Secretariat to undertake a sectoral analysis of different mitigation options. This work is undertaken in close cooperation with local stakeholder groups and includes a broader analysis of the associated development benefits and barriers to implementation. The Action Plan is being developed with support from CDKN, DFID and other donors.

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### Low climate impact scenarios and their implications for strategy (LIMITS)

Implementing an effective response to climate change will require a fundamental restructuring of energy and land management, including related policies. LIMITS (EU-FP7) addresses critical questions in this field, on economic, technical and political feasibility, innovation and investments, and policies recognising regional diversities. The LIMITS consortium comprises the key EU experts in this topic. ECN participates with its TIAM-ECN model.

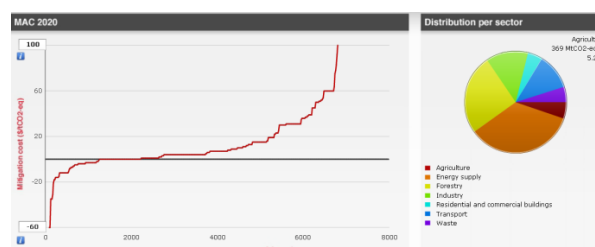


Website: <http://www.feem-project.net/limits/index.html>  
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### Developing country marginal abatement cost (MAC)

Over the years, ECN has developed a bottom-up cost curve for mitigation options in developing countries in 2020. Originally developed for the Clean Development Mechanism, it has sufficient technological detail to be used for country-specific studies on sectoral targets, NAMAs and low-carbon development planning. The data in the curve are publicly available.

Website: [www.ecn.nl/units/ps/models-and-tools/namac](http://www.ecn.nl/units/ps/models-and-tools/namac)  
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## CASINDO: Capacity for energy planning in Indonesia

CASINDO is a capacity development programme that aims to build and strengthen institutional and human capacity for energy policy formulation and development of renewable energy and energy efficiency projects both at the national and regional level. The programme has been developed in close collaboration with the Indonesian partners and SenterNovem. The project ends in May 2012.

Website: [www.casindo.info](http://www.casindo.info)

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## Transport NAMAs in Colombia, Indonesia and South Africa

Discussions on existing and future climate instruments are ongoing in the international climate and development communities. Nationally Appropriate Mitigation Actions (NAMAs) for the transport sector could lead to triple wins around development, economic efficiency and greenhouse gas emissions. The Transfer project, funded by ICI, works on transport NAMAs in Colombia, Indonesia and South Africa. ECN is working with GIZ and the Ministry of Transport in Indonesia on their transport and low-carbon development strategies.

Website: [www.transferproject.org](http://www.transferproject.org)

Contact: Stefan Bakker ([bakker@ecn.nl](mailto:bakker@ecn.nl))

## Climate, technology and development

With the Technology Mechanism in operation since 2011, the UNFCCC has a mechanism to enhance technology development and transfer. But how can developing countries benefit? What should be principles of technology collaboration and what does scientific literature say about it? This project, funded by the CDKN Innovation Fund and with University of Sussex, IIT Delhi, UNICEN in Argentina and Tufts University, aims to improve international technology policies.



Website: <http://cdkn.org/project/fostering-low-carbon-technology-innovation-and-transfer-an-in-depth-study/>

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## IRENA renewable energy technology cooperation

For the International Renewable Energy Agency, ECN is conducting a mapping of renewable energy technology initiatives with a view of identifying the good practices that IRENA could help in implementing globally. The study involved several in-depth case studies in addition to the results of a survey among members, and it looks at the role of technology centres as well as collaborations.

Website: [www.irena.org](http://www.irena.org)

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## National climate policy in Ghana

ECN, in close collaboration with the University of Ghana and other local partners, assisted the Ghanaian Ministry for the Environment, Science and Technology in producing a discussion document that formed the first step in developing a National Climate Change Policy Framework for Ghana. ECN also supported the mapping and analysis of climate and development initiatives in Ghana, as well as producing a series of policy briefs. Funding was provided by CDKN.

Website: <http://cdkn.org/project/assisting-ghana-to-deliver-climate-compatible-development/>

Contact: Xander van Tilburg ([vantilburg@ecn.nl](mailto:vantilburg@ecn.nl))

## UNIDO: Global technology roadmap for CCS in Industry

Approximately 40% of global CO<sub>2</sub> emissions are attributed to industrial processes, and such emissions are expected to increase substantially over the next 50 years. The application of CCS in industry has significant potential; however, most research and development has been targeted towards the power sector. For UNIDO, ECN has led the development of a global technology roadmap, investigating the technical potential, economics and possible barriers for CCS deployment in industry. Several workshops in developing countries were held in the context of this roadmap.

Website: [www.unido.org/ccs](http://www.unido.org/ccs)

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*May 2012*

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