

CTCN: Introduction and updates

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CTCN Forum for NDEs
of Central Asia and Eastern
Europe

15-16 2016
Almaty, Kazakhstan



2016 activities guided by Advisory Board- approved workplan; 3 core service offerings

- Technical Assistance
 - 106 country-driven response plans with 60 countries
 - 12% monthly growth since summer 2015
 - Expect 150 by end 2016, ±300 total by end 2017 (subject to funding considerations)

- Knowledge Sharing + Capacity Building
 - Regional Forums linking country focal points, private sector experts & GCF representatives
 - LDC Incubator Programme, expanding to SIDS

- Knowledge Management + Networking
 - +170 Network + Consortium implementing partners
 - Webinars, information portal, sharing best practice
 - Technology Library: focus on Convention technology resources

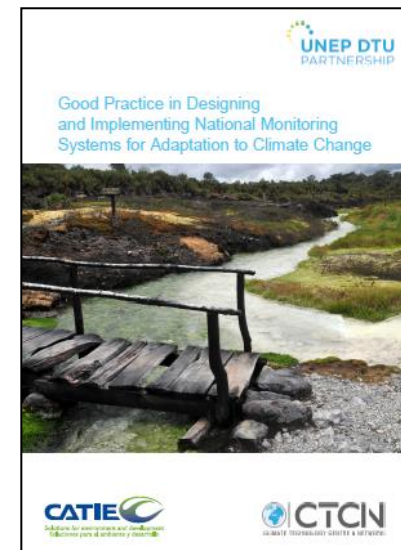
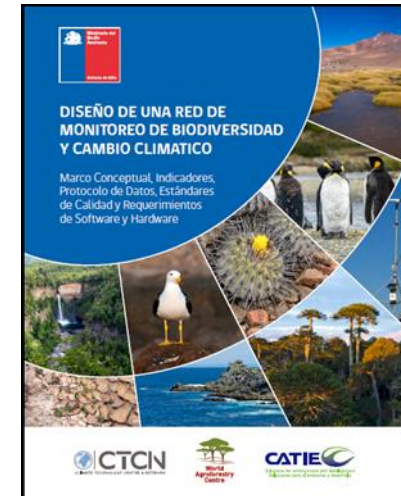
Technical Assistance: Implementation of first three requests complete

Projects:

- Cote d'Ivoire: Climate change considerations in environmental decision-making
- Chile: Adaptation monitoring
- Colombia: M&E policy for energy efficiency + renewable energy

Results include:

- Improved policy frameworks
- Advanced investment decision-making
- Knowledge products for sharing with other countries



Climate Technology Centre and Network (CTCN)

- Operative arm of the UNFCCC Technology Mechanism
- Working for National Designated Entities
- In partnership with:
 - UNEP, UNIDO
 - 11 independent, regional and global consortium partner organizations with expertise in climate change technologies
 - International network of 170+ academic, multilateral, NGO and private sector institutions
 - Strategic Partner DNV GL



Consortium partners



The Netherlands

Denmark

Germany



United States

Costa Rica

Argentina

Senegal

South Africa

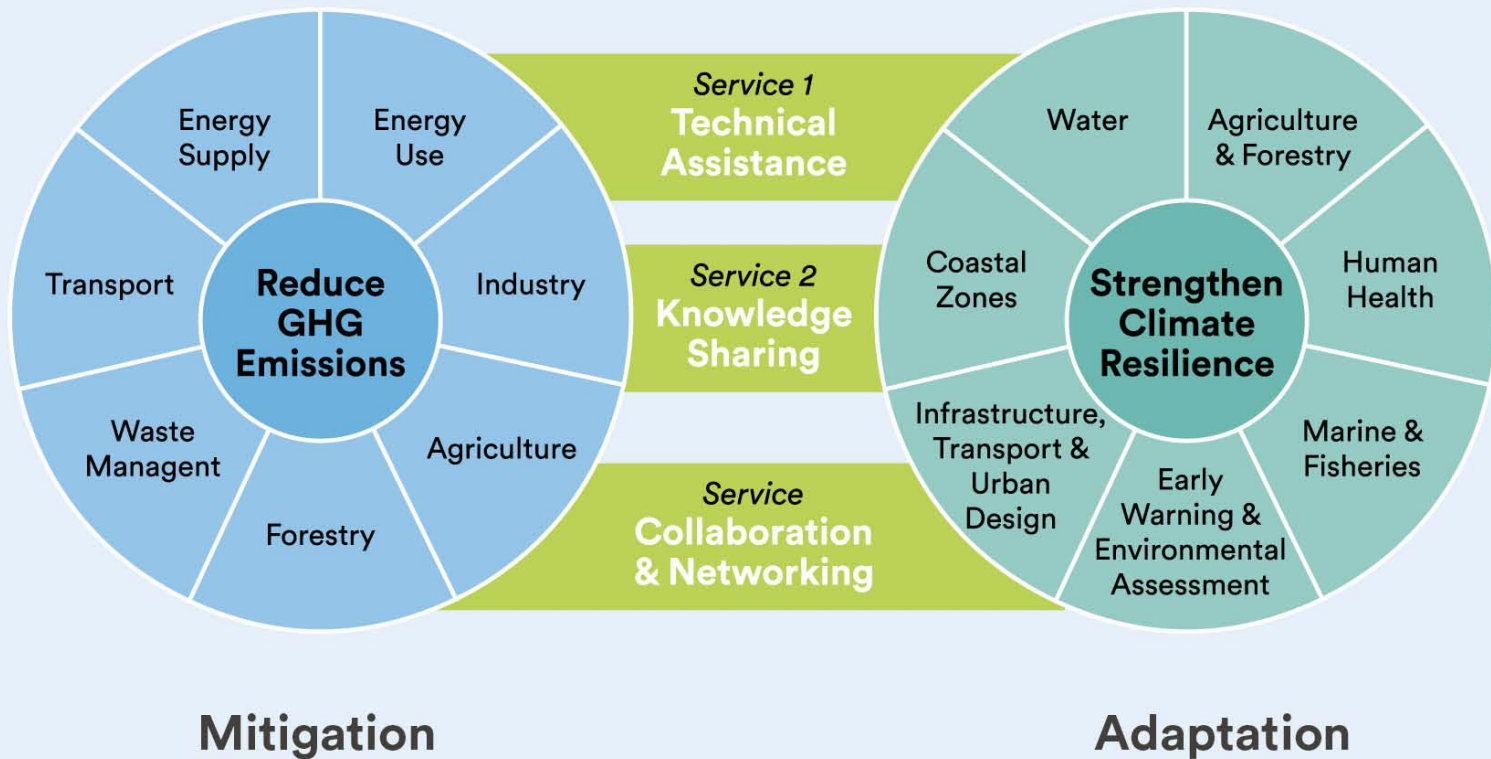
Kenya

India

Thailand



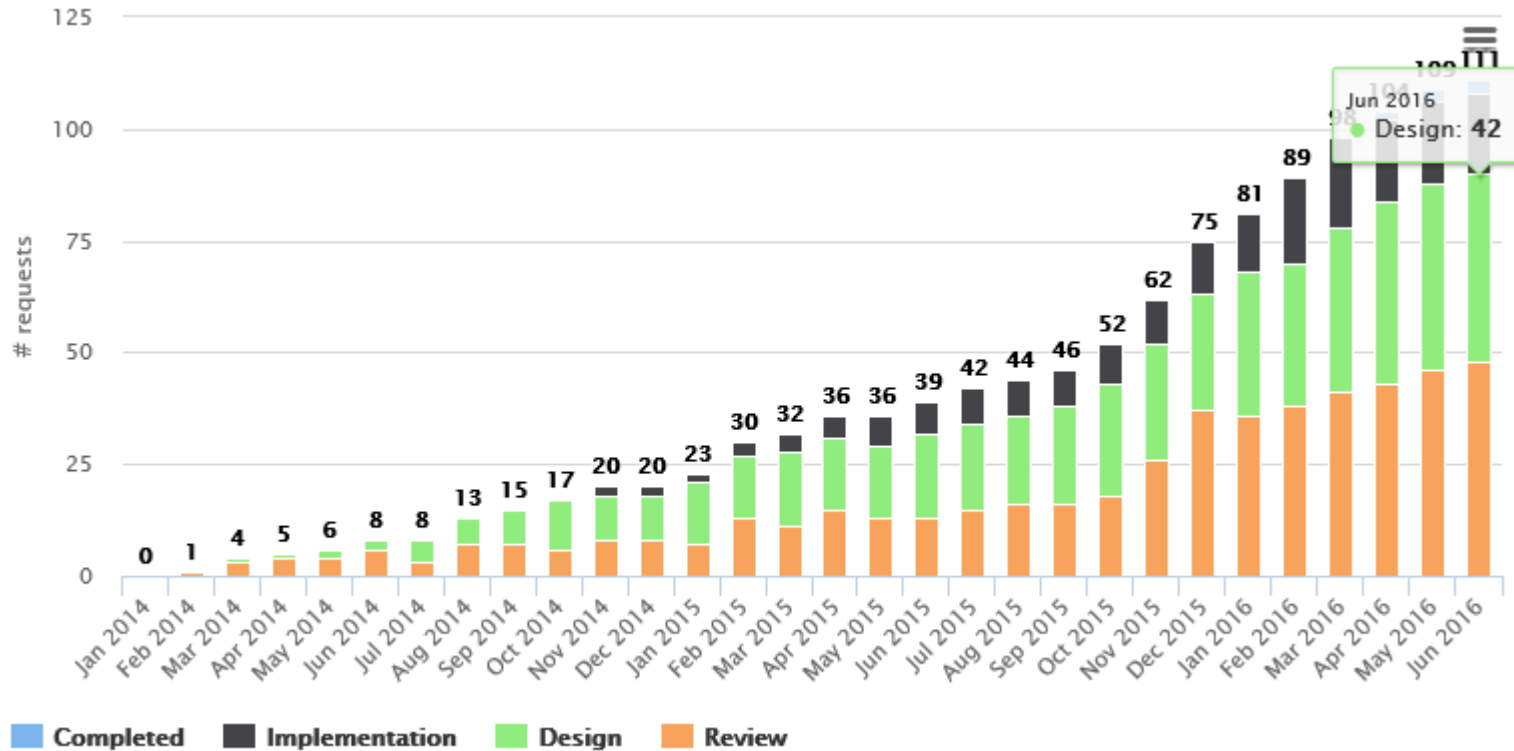
CTCN service areas and core sectors



- Country-driven process matching needs with Network technology expertise
 - Funded primarily by contributions from developed country parties
- Four step process:
1. Local proponent works with NDE to submit TA request.
 2. NDE conveys request to CTCN.
 3. Team of CTCN experts collaborate with NDE to develop a tailored solution.
 4. Response plan is implemented.



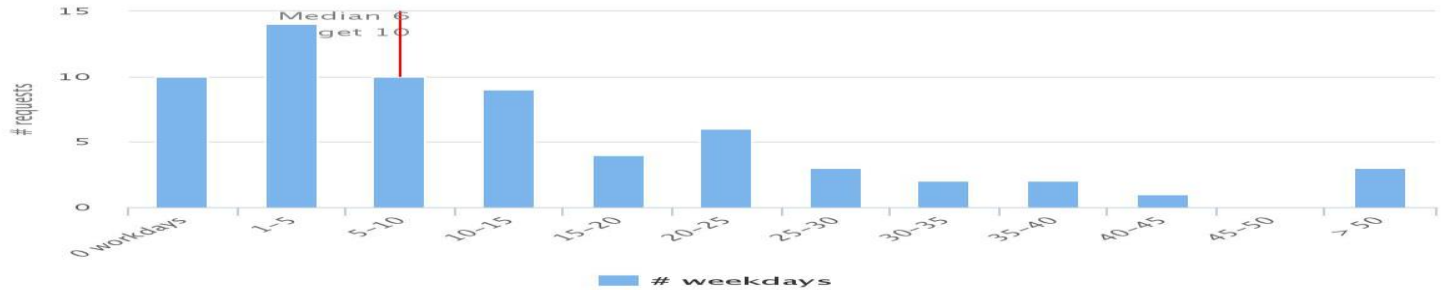
Status of CTCN requests and responses



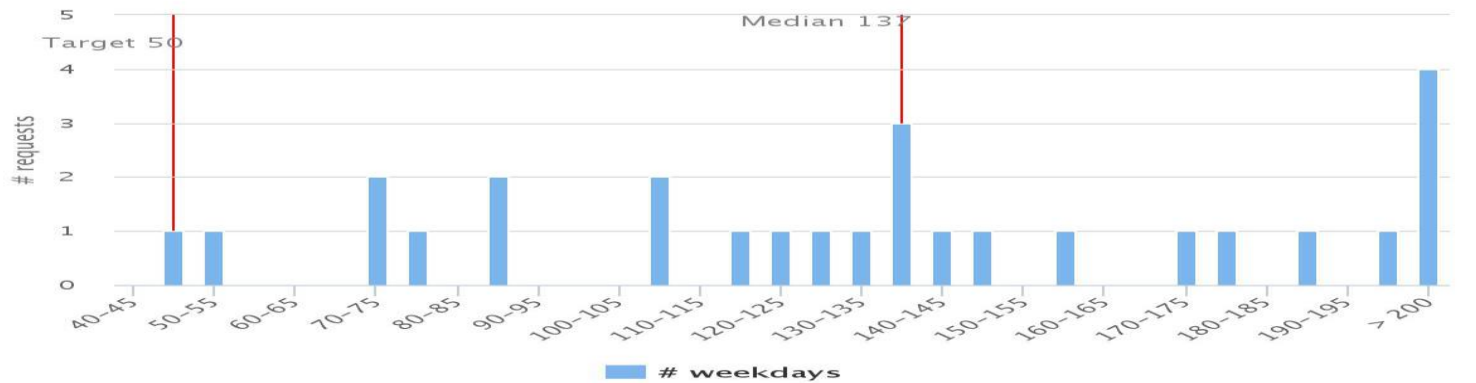
Highcharts.com

Timeliness

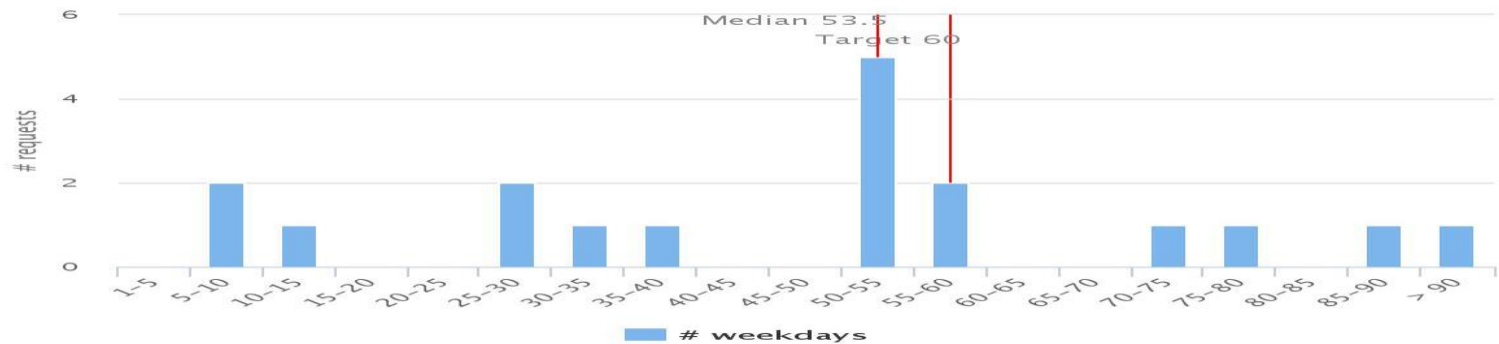
Time until appraisal decision



Time until finalized response plan

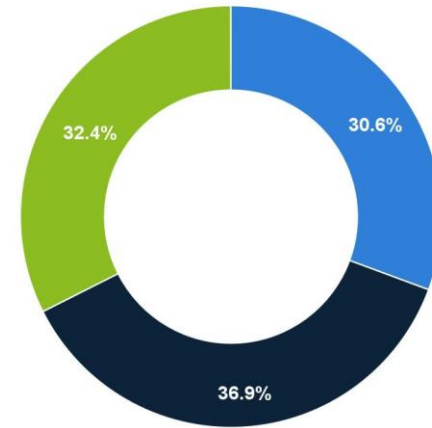
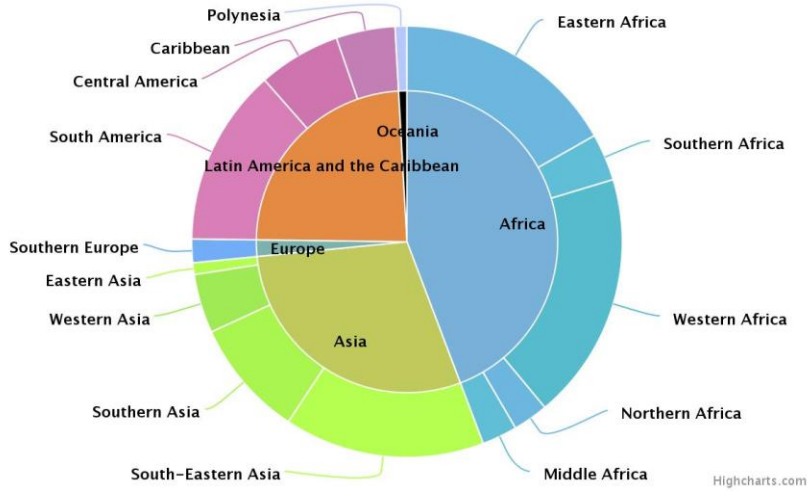


Time until implementer is contracted

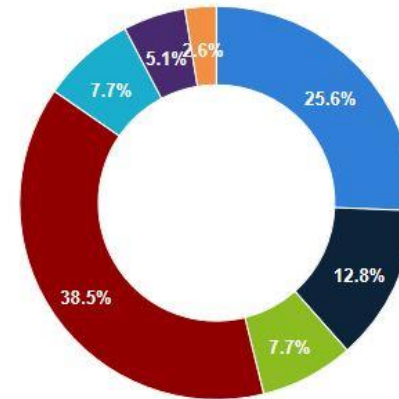
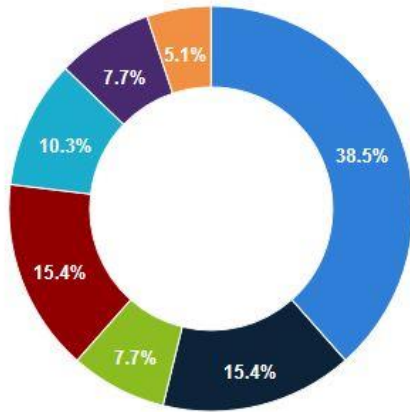


Technical Assistance - Distribution

Requests by region



Adaption Mitigation Adaption and mitigation



Agriculture and forestry Cross-sectoral Infrastructure, Transport and Urban design Energy use Waste management Cross-sectoral Energy supply Transport Industry
 Early Warning and Environmental Assessment Coastal zones Human Health Forestry

Technical Assistance – Algeria

- Support to the design and construction of a ground-based photovoltaic plant of 1MW rated capacity (implementation under preparation)

Barrier to technology transfer: Government plans to create photovoltaic plant, but there is need for technical guidance on engineering and procurement aspects

Expected support: design plant concept including grid connection and requirements, identify main procurement, institutional and regulatory issues

- Support establishment of a laboratory for accreditation and quality control of photovoltaic modules (under screening)

Barrier to technology transfer: Government wants to create a laboratory to control and test photovoltaic modules, but lack of capacities to test quality of the modules



Expected support: advice to select most appropriate equipment, support and training to support international accreditation

- Capacity Building support to Prepare Project Proposal to access Funding (assistance under design)

Barrier to technology transfer: Wide number of project ideas and concepts but no capacities to translate them into fully fledged proposals that can trigger funding

Expected support: Training of 25 engineers from relevant ministries to develop funding proposals, expert advice to develop of 3 proposals in each of the priority sectors: energy, water and agriculture

- Support the Accreditation of JSMO Energy Efficiency Lighting Laboratory in Jordan

Barrier to technology transfer: the national lighting laboratory needs international accreditation to ensure results are reliable and trusted

Expected support: Assist with proficiency test, training on test methods, lighting standards and regulations, and expert advice on all important elements to get accreditation

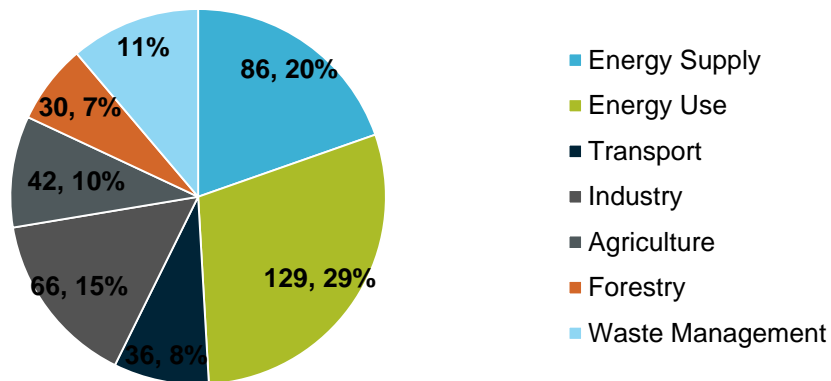
170+ Network Members (and growing)



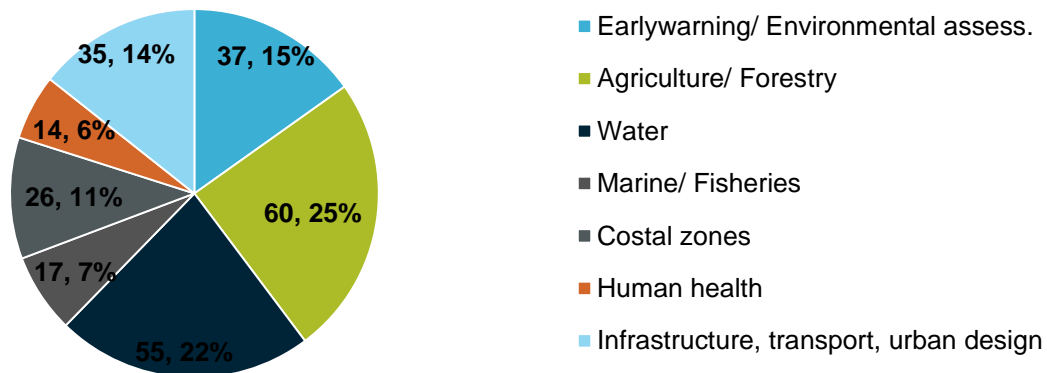
170+ Network Members



Mitigation sector expertise



Adaptation theme expertise



Network member benefits

Partnership: Expand collaboration through partnerships and learn about emerging areas of practice.

Commercial opportunities: Access bidding for delivery of CTCN technical assistance services.

Experience sharing: Monitor and share current climate technology trends.

Visibility: Broaden your reach by engaging in new technology projects and presenting workshops on your fields of expertise.

Outreach: Replicate experience in multiple countries.



- CTCN portal: resource for tech case studies and publications
- Newly designed website
- Visits to ctc-n.org:
 - ↑ from 5 visits/day (Jan 2015) to 1.200 visits/day (May 2016)
 - 210,000 users
- Partnered with Consortium and Network members to host 21 webinars attended by >1500 stakeholders
- Tech Library of proven and emerging low carbon and climate-resilient technologies, showcased by target sector



Active engagement with CKB, REEEP & CDKN

- CTCN enhances human and institutional capacity via regional workshops:
 - 250+ individuals from 120+ countries trained on accessing CTCN services;
 - Interactive sessions with NDEs, GCF, Development Bank, and private sector representatives.
- Country-based, tailored to national circumstances
- Plans for 2016 include thematic workshops and launch of stakeholder/private sector platform



Regional training workshop in Tonga, Feb 2016

Targeted Capacity Building for LDCs

- The Incubator Programme provides tailored support to Least Developed Countries to:
 - Access CTCN technical assistance services
 - Coordinate national activities related to climate technologies
 - Identify funding mechanisms for climate technologies
 - Demonstrate concrete achievements for climate technologies

13 participating countries:

- Bangladesh
- Benin
- Central African Republic
- Equatorial Guinea
- Gambia
- Guinea
- Malawi
- Nepal
- Rwanda
- Senegal
- Tanzania
- Uganda
- Mali

- CTCN is actively engaging with development finance institutions (eg. GCF, GEF, MDB)
- And with the private sector as well (PFAN,...)
- De-risking climate technology options for implementation (WIPO,...)
- And enabling clean technology solutions.



Photo: Leo Sebastian (IRRI-CAFS)

Thank you



CLIMATE TECHNOLOGY CENTRE & NETWORK



Norwegian Ministry
of Foreign Affairs



European
Commission

UDENRIGSMINISTERIET

DANIDA

Canada



METI
Ministry of Economy, Trade and Industry



環境省

Ministry of the Environment



MINISTRY FOR FOREIGN
AFFAIRS OF FINLAND



Comhshaol, Pobal agus Rialtas Áitiúil
Environment, Community and Local Government

Governments of Switzerland
and Germany

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