



# Showcasing Innovative Austrian Clean Energy Technologies

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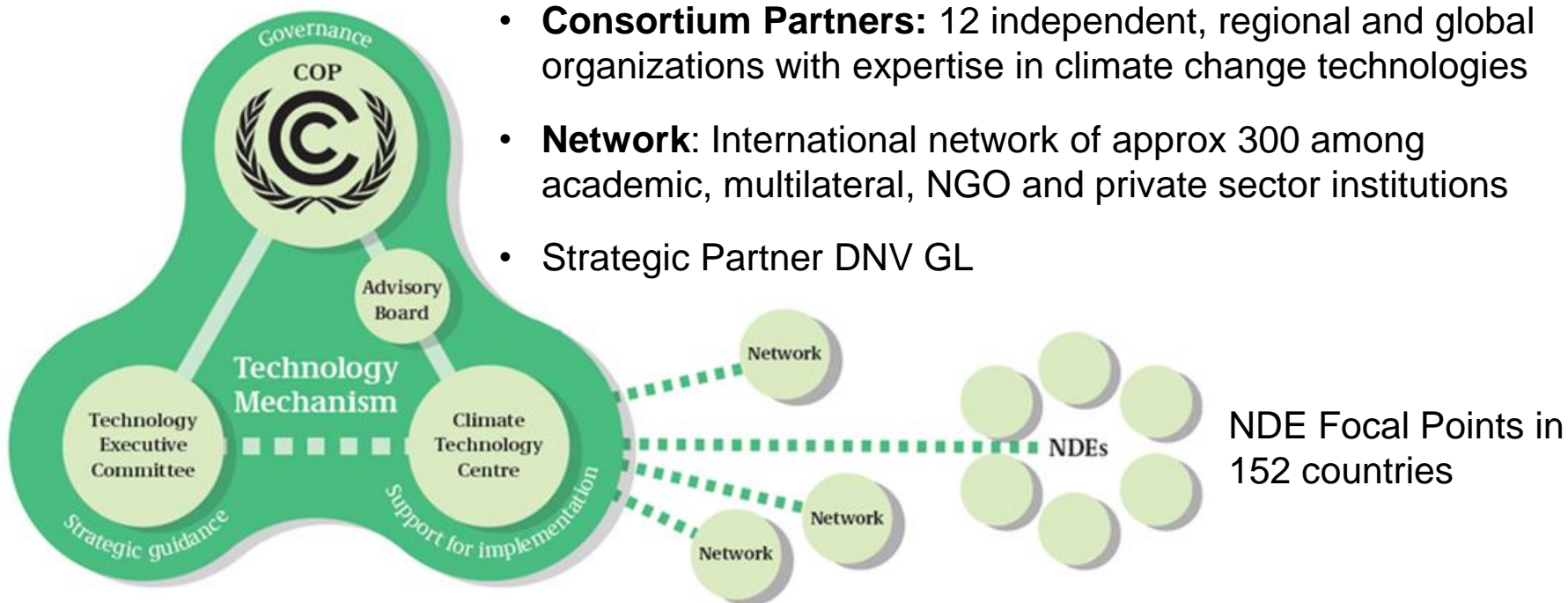
CTCN support to developing countries to introduce  
clean energy technologies

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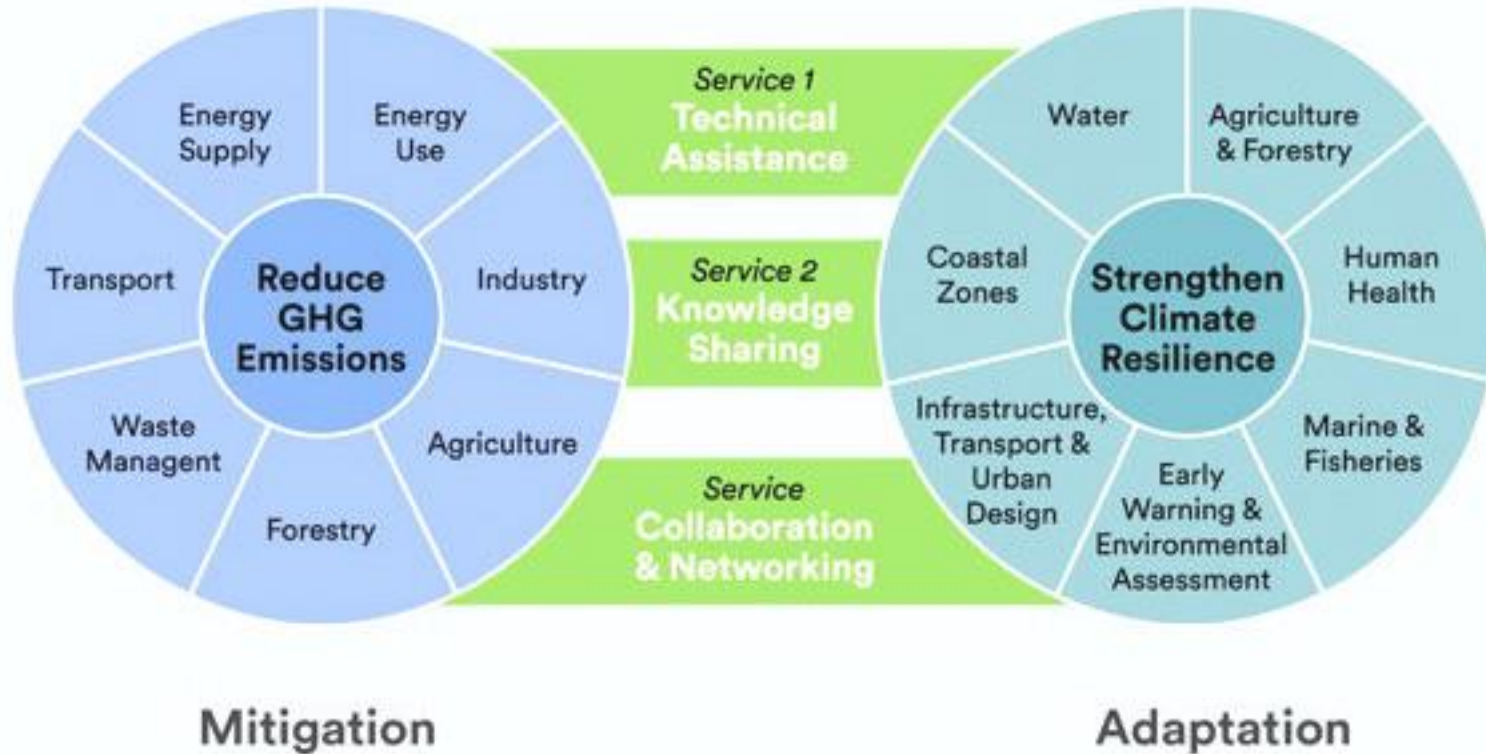
## Introduction to the Climate Technology Centre and Network (CTCN)

- Operational arm of the UNFCCC Technology Mechanism
- Co-hosted by UNIDO and UN Environment
- Working for National Designated Entities
- **Consortium Partners:** 12 independent, regional and global organizations with expertise in climate change technologies
- **Network:** International network of approx 300 among academic, multilateral, NGO and private sector institutions
- Strategic Partner DNV GL



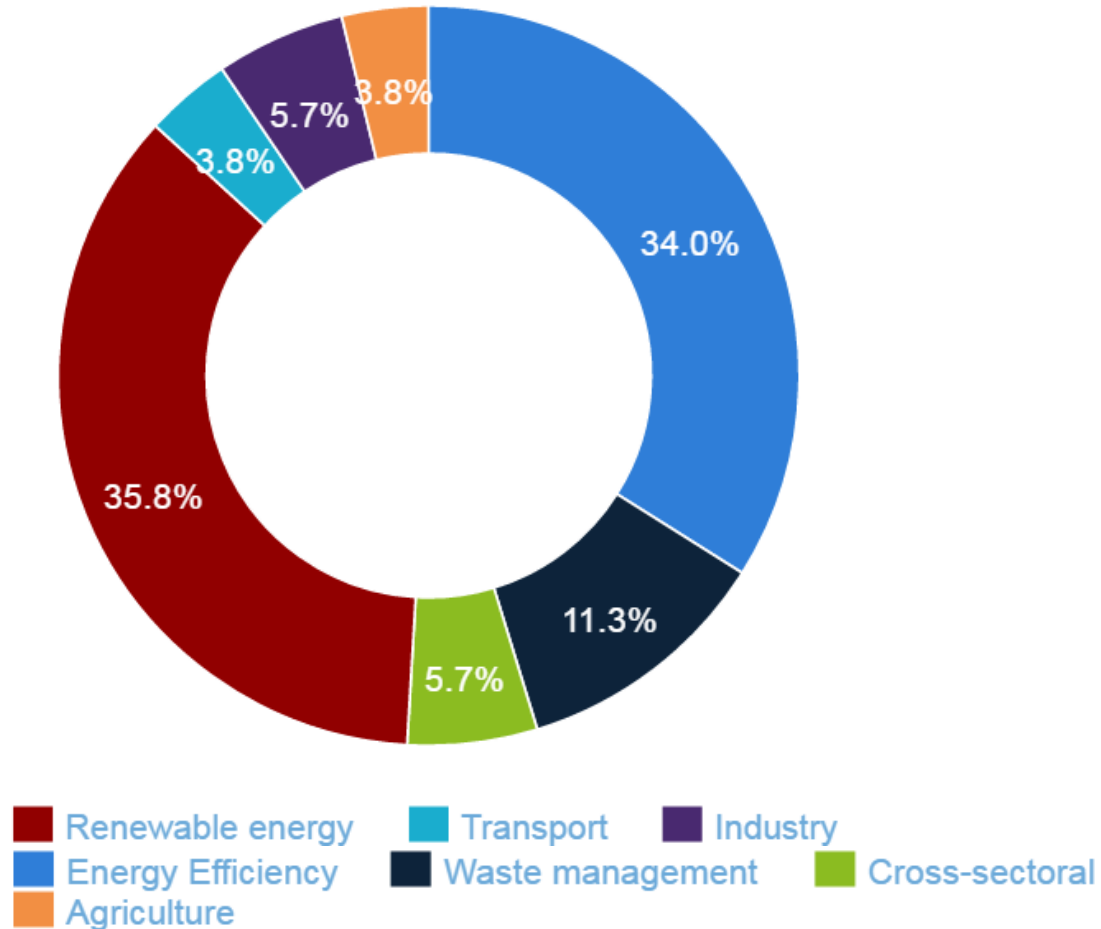


## CTCN main services





## Overview of Technical Assistance sectors: Mitigation





## CTCN main services

### **Technical Assistance**

180+ country-driven requests received from 81 countries;  
14 completed to date, 30 under implementation.  
Expect 250+ total by end 2017 (subject to funding  
considerations)

### **Capacity Building**

Regional Forums linking country focal points, private sector  
experts & GCF representatives  
LDCs Incubator Programme, expanding to SIDS

### **Knowledge Management + Networking**

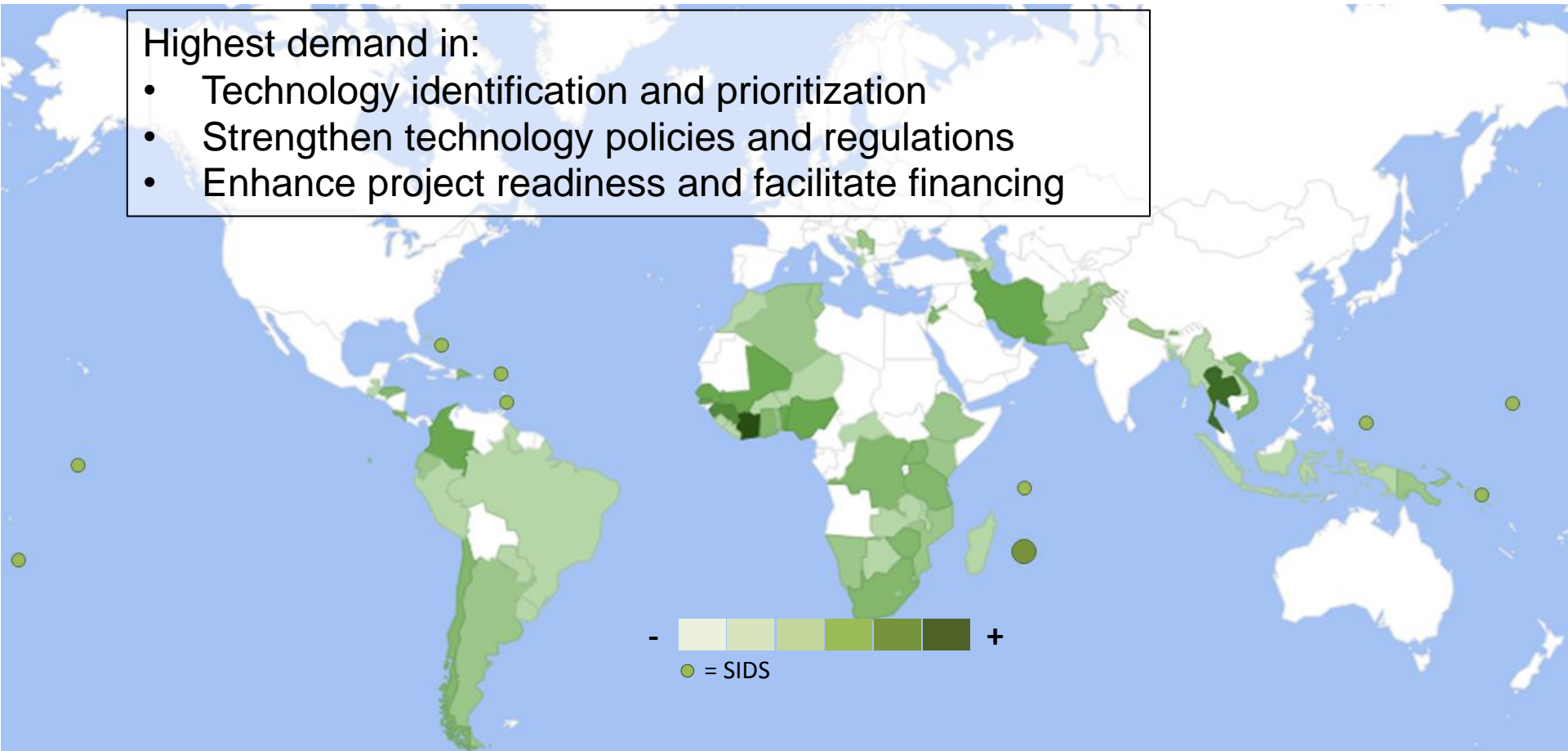
300 Network + Consortium implementing partners  
Webinars, information portal, sharing best practice  
Technology Library: Convention technology focus



## CTCN Technical Assistance: 188 requests for assistance from 81 countries

Highest demand in:

- Technology identification and prioritization
- Strengthen technology policies and regulations
- Enhance project readiness and facilitate financing







## Challenge

- Modern energy efficiency & industrial symbiosis options untapped in Senegal

## CTCN action

- Identify high-potential green technologies and process improvements in five key sectors
- Develop recommendations and disseminate best practice
- Develop pilot implementation plan

## Intended Impacts

- Design technology solutions with potential to deliver 10% reduction in energy consumption & GHG emissions

## Green Technology Deployment in Senegal





## Challenge

- Reduce waste and emissions and increase efficiency in the rice production process

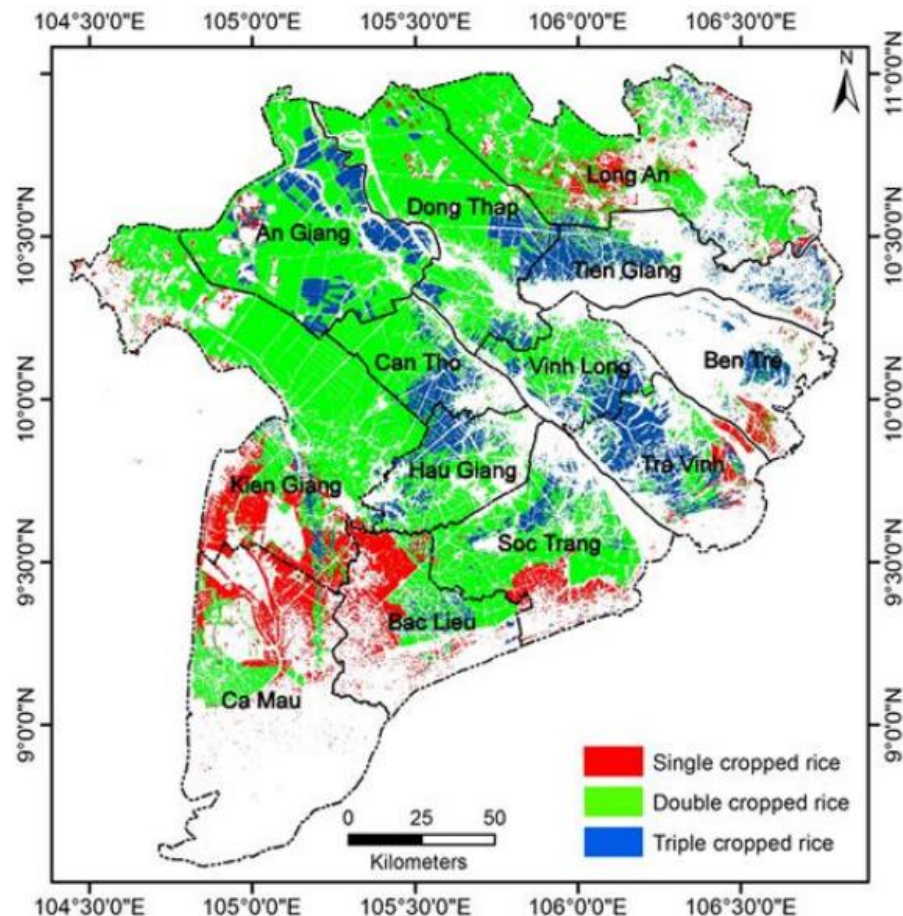
## CTCN action

- Develop decision-making tool based on technology assessment
- Assess financing options, support external financing proposals

## Intended Impacts

- Pilot GHG emission reduction & potential for sectoral replication

## Bio-waste minimization for low-carbon rice production in Vietnam







## Challenge

- Geothermal energy has high potential but facing major policy barriers

## CTCN action

- Review and discuss existing framework with key stakeholders and give recommendations
- Draft a policy and law

## Intended Impacts

- An enabling environment for geothermal energy and improved conditions for investors

## Formulating Geothermal Energy Policy and Regulatory Framework in Uganda



# Thank you for your attention



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