

IGES experience in capacity development and knowledge sharing activities in climate change and sustainable development in Asia and the Pacific

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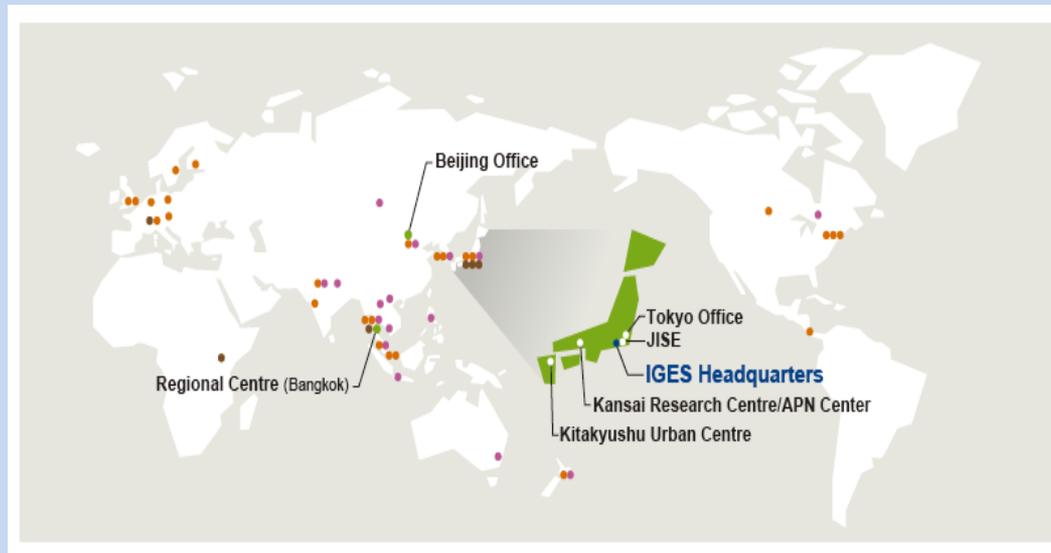


Outline

- Our Basic Approach
- Case Studies:
Elearning, APAN, LOCARnet, and APFED
- Lessons Learned

Introducing IGES

- We are an international research institute conducting practical and innovative research for....



-realising sustainable development in the Asia-Pacific region.

IGES Capacity & Knowledge Building Approach

Main Objectives: To strengthen knowledge resources, communication, and capacity development for enhancing:

- 1) The understanding and application of relevant knowledge in sustainability decision making,
- 2) The use of substantive, practice-based solutions and tools through their development and facilitation,
- 3) The increase in effective implementation of sustainable development,
- 4) The provision of targeted leadership,
- 5) The creation of enabling environments for new knowledge creation, and
- 6) The achievement of impact generation through IGES's research, policy recommendations, and outputs.

Areas of Focus for Capacity Building

Levers of Change: Capacity Development Core Issues & Responses

INSTITUTIONAL ARRANGEMENTS	LEADERSHIP	KNOWLEDGE	ACCOUNTABILITY
<ul style="list-style-type: none"> • Streamlined processes • Clear definition of roles and responsibilities • Merit-based appraisal mechanism • Coordination mechanism 	<ul style="list-style-type: none"> • Clearly formulated vision • Communication standards • Management tools • Outreach mechanism 	<ul style="list-style-type: none"> • Research supply and demand linkage mechanism • Brain gain and retention strategies • Knowledge sharing tools and mechanism 	<ul style="list-style-type: none"> • Audit systems and practice standards • Participatory planning mechanism • Stakeholder feedback mechanism

Source: UNDP. (2010) *Supporting Capacity Development: The UNDP Approach*. New York: UNDP.

Modes of Capacity and Knowledge Building

- 1. Multidisciplinary Approach:** conducive to generating and transferring knowledge
- 2. Diversity of Knowledge Products:** to communicate with an array of stakeholders
- 3. Interactive Information Technologies:** integral to effective knowledge management
- 4. Multi-Institute Networks & Communities of Practice:** critical to creating and delivering new knowledge
- 5. Creating Vision and Strategic Leadership:** for realising the possibilities of transformative change

Case Study 1:

E Learning Program

- Increasingly we are relying on information technology to bring knowledge to the field



Science and Policy of Climate Change
Blended Learning Program



Measuring, Reporting & Verification (MRV) in the Transport Sector

Product Notes / Overview:

Training Course and Materials prepared by: IGES and Clean Air Asia

MRV Tool developed by: Clean Air Asia

Videos produced by: World Bank – Tokyo Development Learning Center

Videos were recorded during a live training held on 26-27 November 2013 at the Tokyo Development Learning Center with city government officials from Bandung - Indonesia, Ho Chi Minh - Vietnam, Pasig and Makati - Philippines.

If you would like further information on this product or if you are interested in using these materials for your own training, please contact us at:

Institute for Global Environmental Strategies (IGES)

Integrated Policies for Sustainable Societies – Cities Section

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Course Structure:

E-Learning
Course Intro

Sustainable Low
Carbon Transport

MRV Methods for
Transport Projects

Introducing the
TEEMP Tool

TEEMP Tool
Demonstration

E-Learning Goals:

Upon completion of the e-learning series on MRV in the Transport Sector, participants will have a clearer understanding of how environmentally sustainable transport (EST) projects and strategies fit into the context of international climate negotiations and financing mechanisms. Practical skills will be gained on methods used to quantify emissions from the transport sector and the use of a tool to assess the GHG emissions reduction potential of an existing or planned BRT project.

Website: http://www.iges.or.jp/en/integrated-policy/cities/mrv_elearning.html

Institute for Global Environmental Strategies (IGES) 公益財団法人地球環境戦略研究機関

Case Study 2:

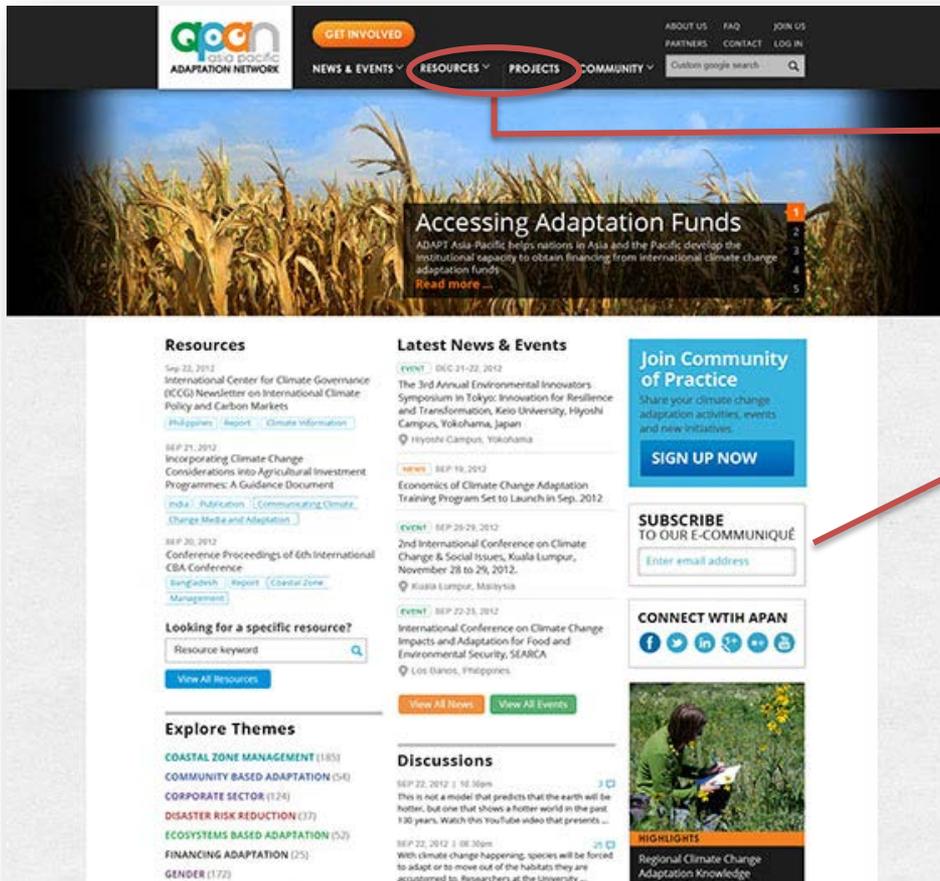
APAN Knowledge Management

1. Knowledge Management
2. Knowledge Synthesis
3. Asia-Pacific Climate Change Adaptation Forum
4. Sub-Regional and Thematic Conferences
5. Targeted and Focused Trainings



APAN Knowledge Management

APAN Web Portal: www.asiapacificadapt.net



Extensive curated resources, databases on CCA good practices, projects and technologies

SUBSCRIBE TO OUR E-COMMUNIQUE

Enter email address

Subscribe to receive APAN's monthly newsletter:

- ✓ Latest climate change adaptation news
- ✓ Resources on APAN activities
- ✓ Announcements shared by over 5,000 community members

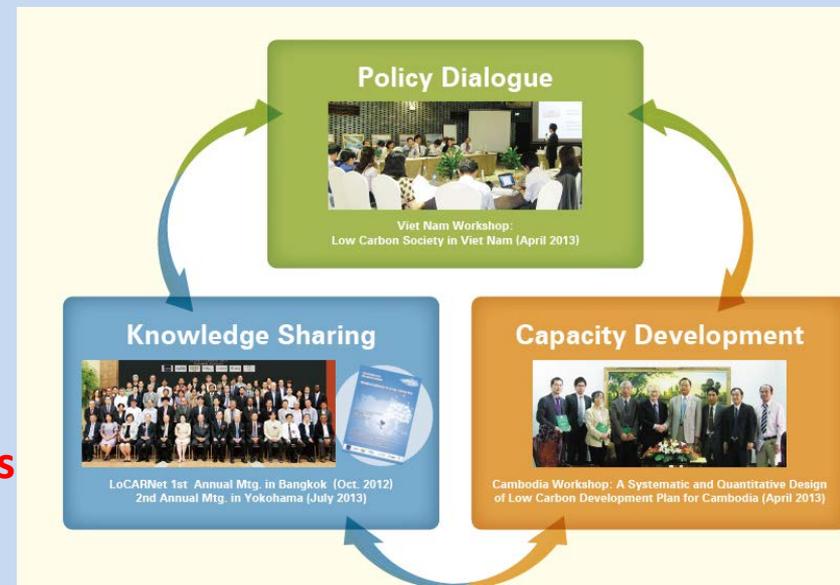
Case Study 3:

Low Carbon Asia Research Network (LoCARNet)

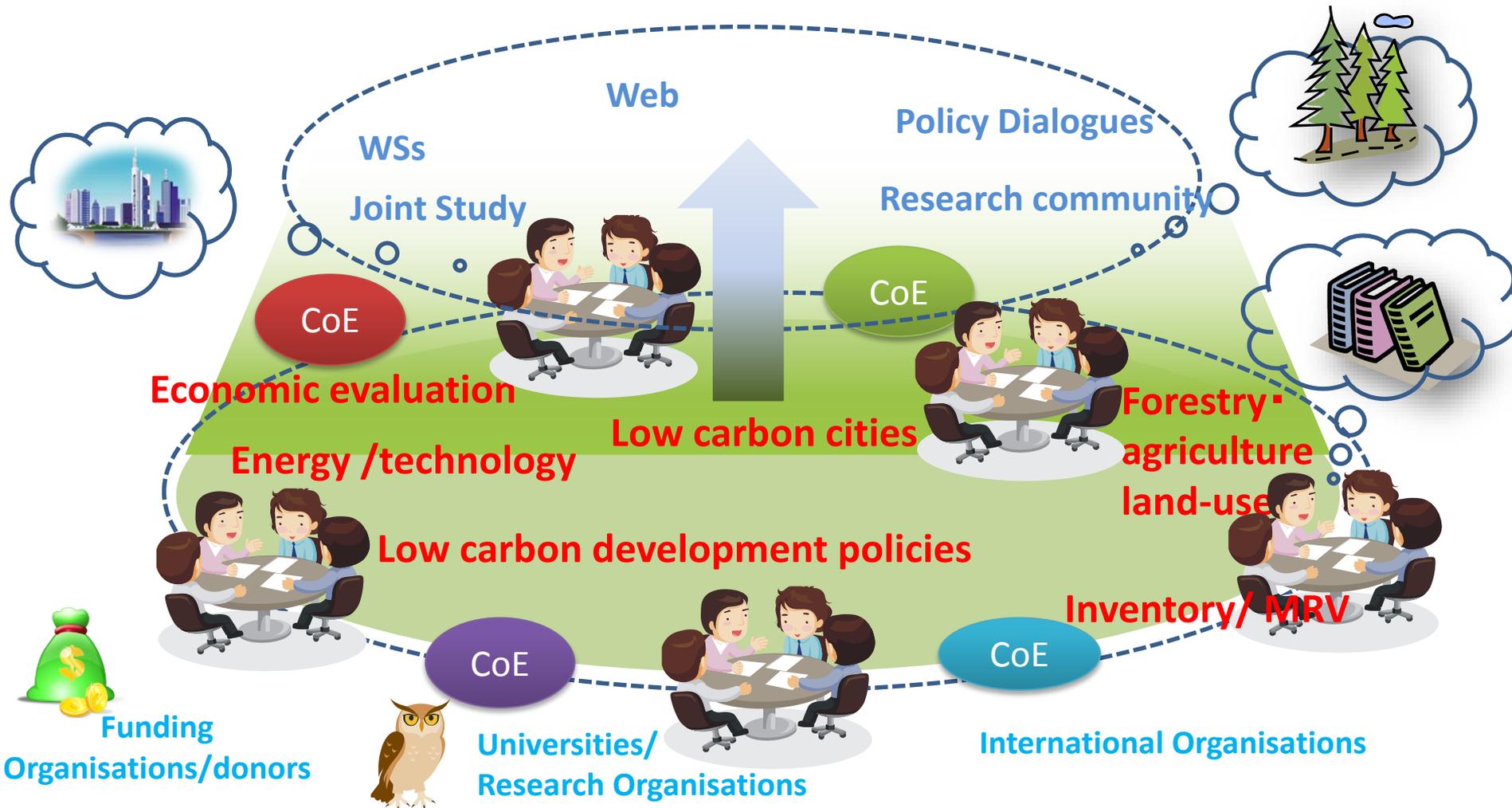
Background: In October 2011, at the “**ASEAN+3 EMM**” in Cambodia, the Japanese government and IGES proposed the launch of LoCARNet. LoCARNet was officially launched at the “**East Asia Low Carbon Growth Partnership Dialogue**” in April 2012 in Tokyo, and has reported its progress to the ASEAN+3 EMM every year.



Activities: To date, LoCARNet has facilitated policy-dialogues between researchers and policymakers. LoCARNet has engaged in the drafting of plans and strategies for Low Carbon Development (LCD), the creation of research communities, and the support for capacity development in Asia. In a few years, LoCARNet is expected to be a think-tank on LCD plans and strategies for ASEAN through the creation of an “**Alliance of Centers of Excellences (COEs)**” based on South-South knowledge-sharing.



Centers of Excellence (CoE)



Case Study 4:

Asia Pacific Forum for Environment and Development Showcase Programme



What is APFED?

Promoting innovative sustainable development pilots at the local level

- A regional group of eminent experts operating 2001 – 2009 with the support by Ministry of the Environment, Japan.
- Aiming to address critical issues facing Asia and the Pacific and to propose new models for equitable and sustainable development of the region.



APFED Showcase Programme

- One of APFED's main activities that supports projects that promote innovative policies, measures, and actions for sustainable development in the Asia-Pacific. Started in 2005.

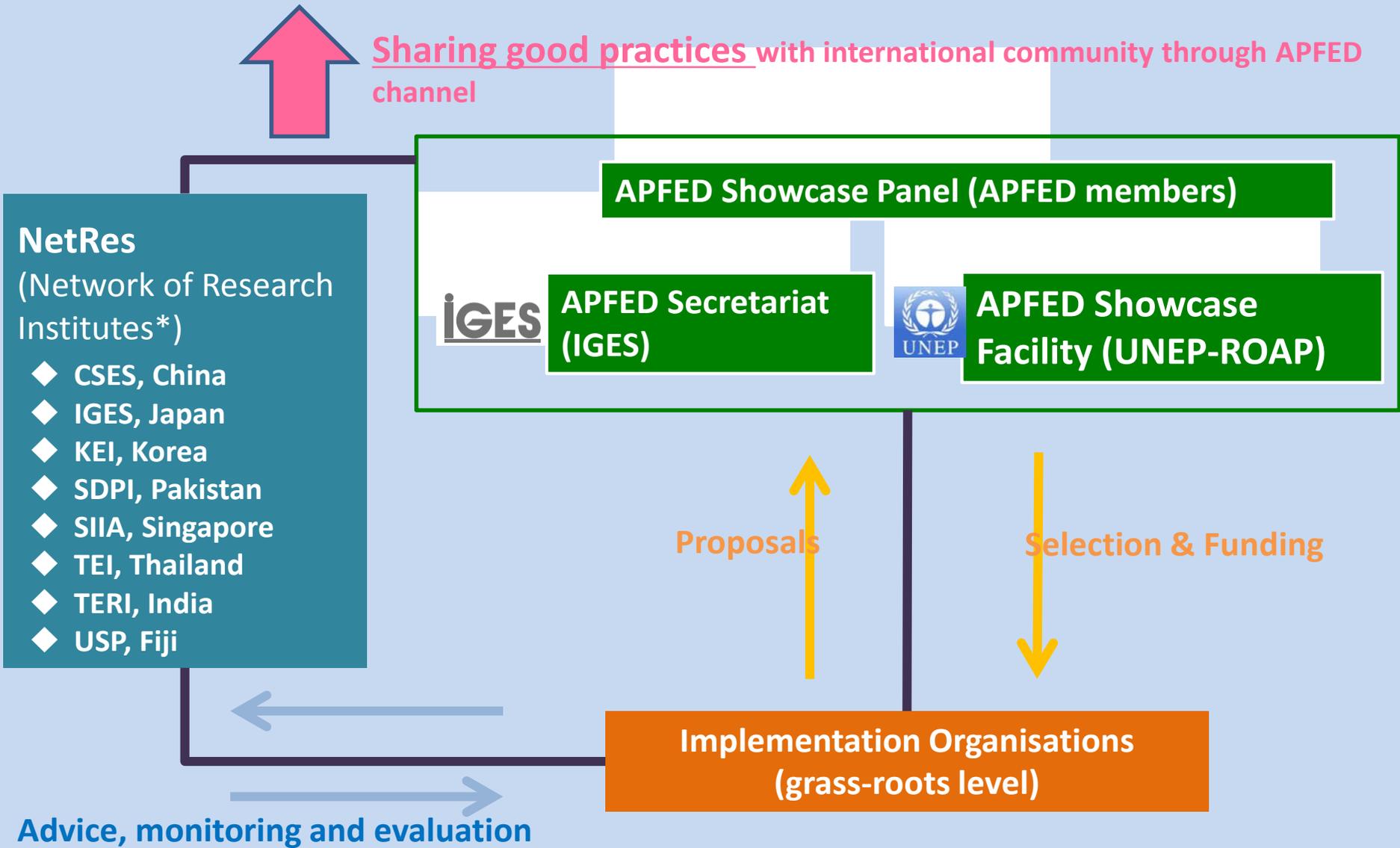


(Photo: by M. Nyamtseren, Geo-ecology Institute from APFED Final Report)

Management of the Showcase Programme



Bottom-up and multi-stakeholder approach to create and disseminate knowledge.



Community based Multi-stakeholder collaboration and role of external facilitators



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2 week-old Sundarbans Crabs

Climate Change Adaptation in Sundarbans via Bamboo Cage Crab Fattening and Mangrove Restoration, Nepal



Farmer Convinced with the Relay Cropping of Potato and Maize

Field Testing of Innovative Farming Practices Related to Climate Change in Vulnerable Areas, Bangladesh



Promoting the 3R for Sustainable Solid Waste Management in Nepal



Youth excavating soil to lay pipes for irrigating farmland

Rehabilitating Desert Zone Ecosystems and Promoting Sustainable Alternative Livelihoods in Gobi Protected Areas, Mongolia.



Farmers in Ratchaburi examining the newly harvested crops of System of Rice Intensification (SRI)

Preparedness for Climate Change and Increased Water-use Efficiency for Rice Cultivation via SRI [System of Rice Intensification], Thailand

Number of Projects by Country



Country	Number of Projects
Bangladesh	6
Philippines	5
Indonesia	5
Cambodia	4
China	4
Nepal	4
India	4
Thailand	4
Pakistan	4
Mongolia	4
Sri Lanka	3
Vietnam	2
South Korea	1
Singapore	1
Others	6
Total	57

Providing Solutions

The showcase programme provided solutions through pilot projects which aimed at inclusive innovations and green economy initiatives at the grassroots level, as well as, advocated stakeholder empowerment and access to information. “

(From a report of UNEP-SDPI Special Session: Enhancing Sustainable Development in South Asia through Innovations and Partnerships - APFED Showcase Programme)

Sharing knowledge

10 stories of the APFED showcase projects developed by journalists in respective country, which will a publication of UNEP along with other environmental stories in the region.

(Source: <http://www.apfedshowcase.net/>)

Lessons Learned

1. We live in a knowledge economy: knowledge is hence a valuable asset
2. At IGES our capacity building program targets four leverage points: leadership skills, institutional arrangements, knowledge bases, and accountability mechanisms
3. A multidisciplinary, multimedia approach such as elearning is essential to reaching these leverage points
4. Capturing tacit knowledge and experiences through networks such as APAN is pivotal to issues where there is already significant learning (i.e. climate adaptation)
5. Creating centers of excellence (under consideration in LOCARnet) will be crucial for policymaking on emerging issues such as low carbon development