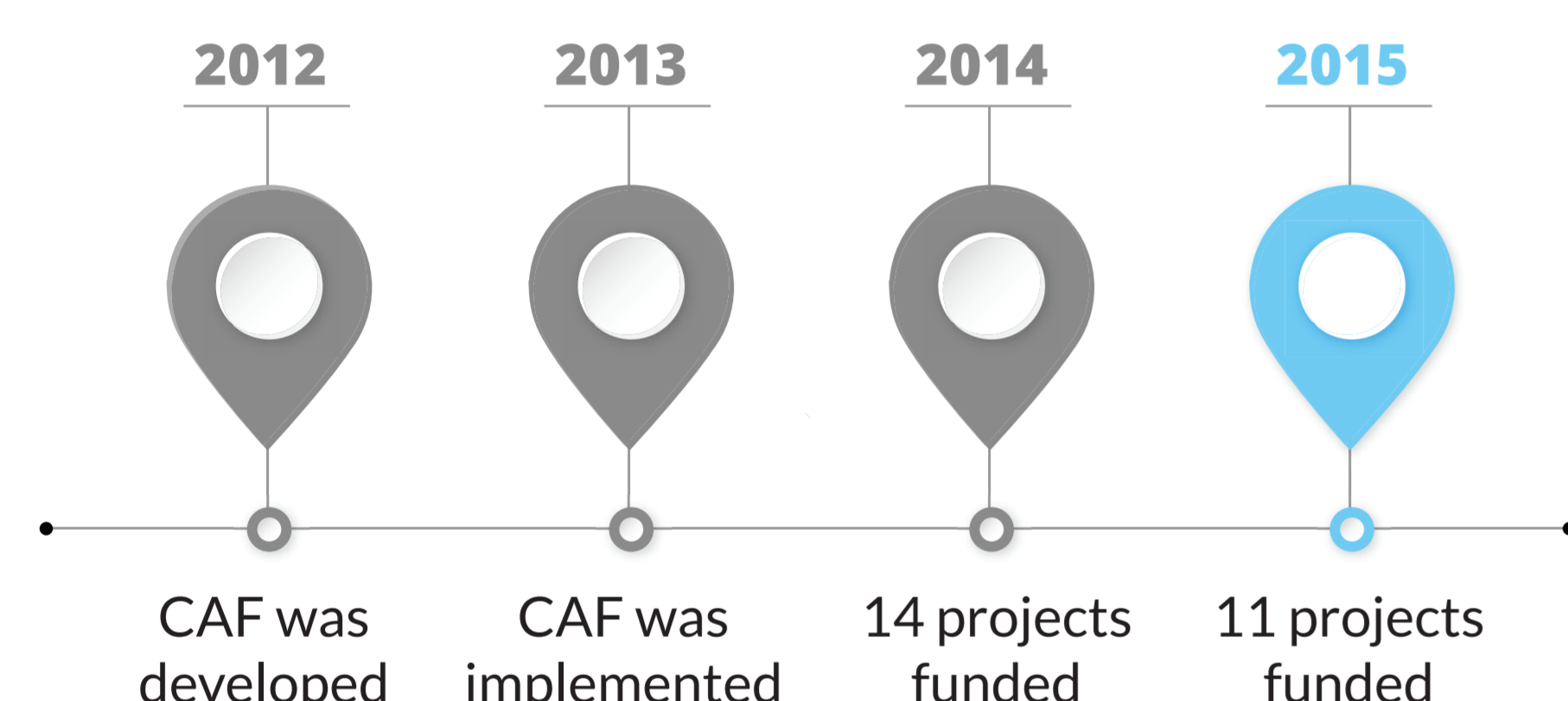


CLIMATE ADAPTATION FRAMEWORK ACTIVITIES 2015

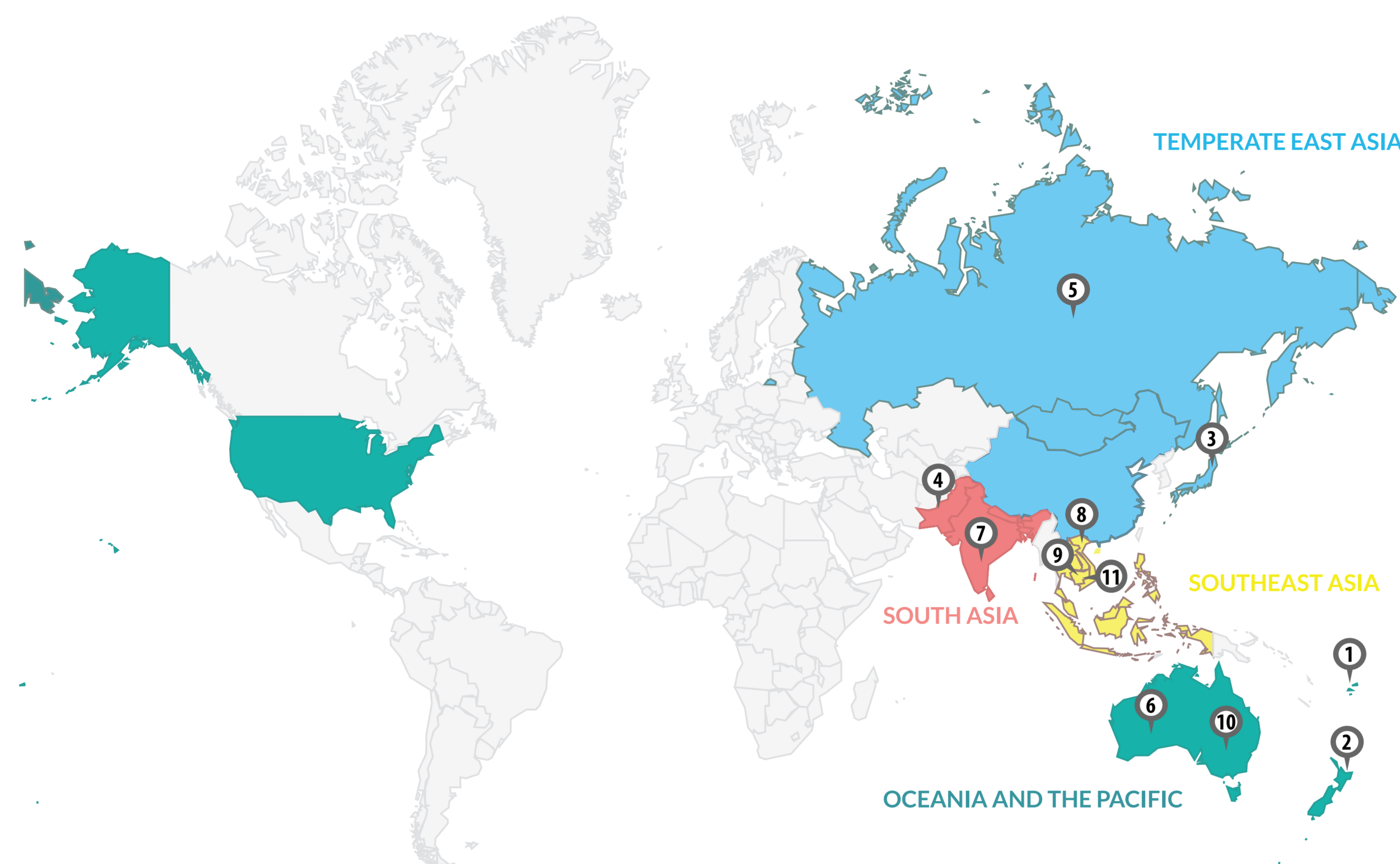
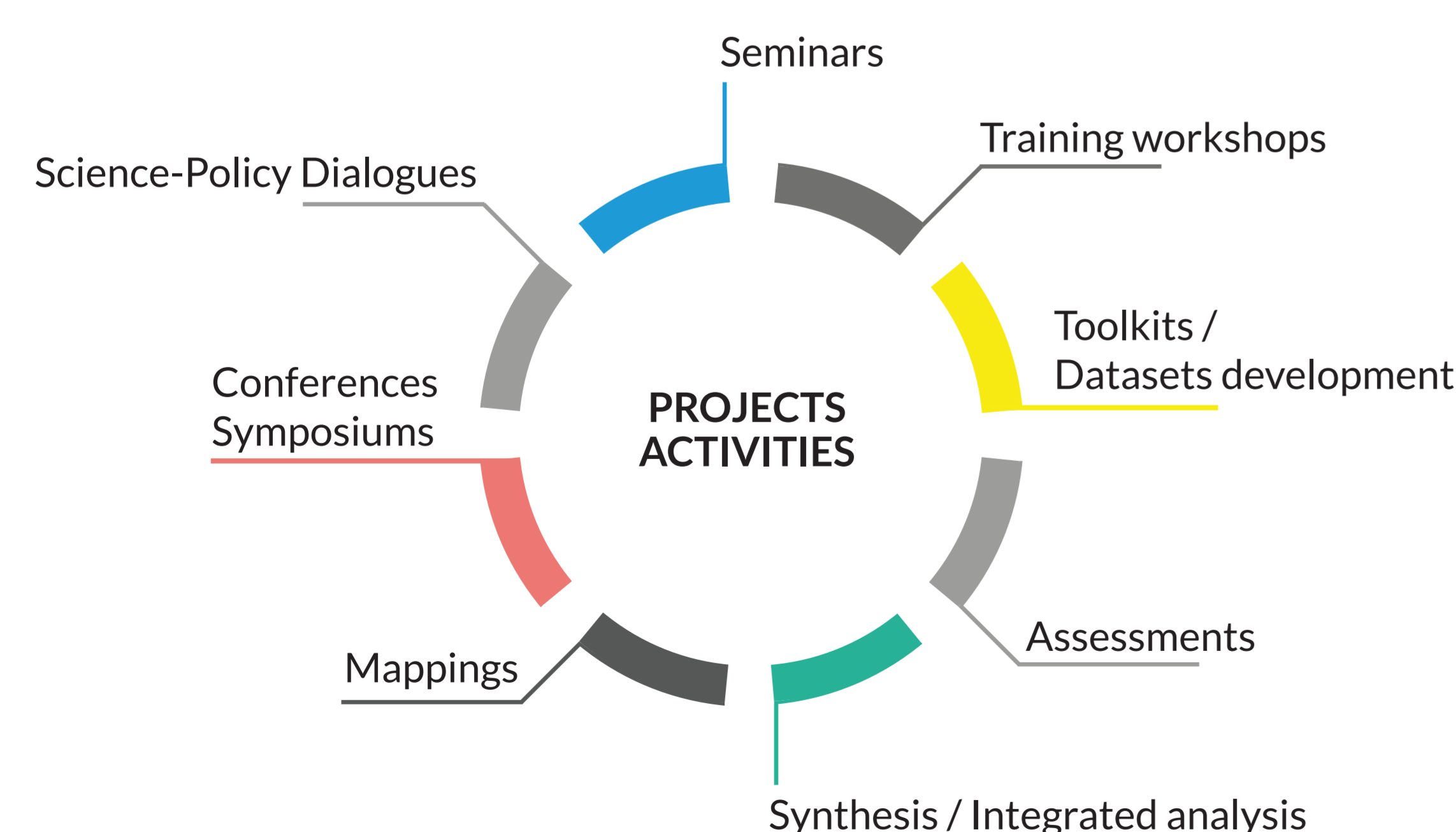
Abstract

Climate change adaptation is receiving increased attention, particularly among developing countries party to the United Nations Framework Convention on Climate Change (UNFCCC) as highlighted in the recent series of COP meetings from Cancun (2010) to Durban (2011) to Warsaw (2013), that led to the development and formation of the UNFCCC Adaptation Committee and the Warsaw International Mechanism for Loss and Damage (L&D). In March 2014, the Intergovernmental Panel on Climate Change (IPCC) published its Working Group II report of its 5th Assessment on Climate Change 2014: Impacts, Adaptation and Vulnerability (IPCC-AR5-WGII). The WGII report indicates that "In recent decades, changes in climate have caused impacts on natural and human systems on all continents and across the oceans", and states that future risks on climate change in Asia will include adverse impacts such as: increased riverine, coastal, and urban flooding leading to widespread damage to infrastructure, livelihoods, and settlements; increased risk of heat-related mortality and increased risk of drought-related water and food shortages causing malnutrition. In order to adapt to climate change, the IPCC/AR5/WGII stresses that "Decision support is most effective when it is sensitive to context and the diversity of decision types, decision processes, and constituencies. Organizations bridging science and decision-making, including climate services, play an important role in the communication, transfer and development of climate-related knowledge."

Taking into account the enhanced policy needs for adapting to climate change, it is essential that APN continues to contribute to scientific activities related to climate adaptation in the region that could produce policy-relevant information. In 2015, 11 new projects were funded addressing this aim.

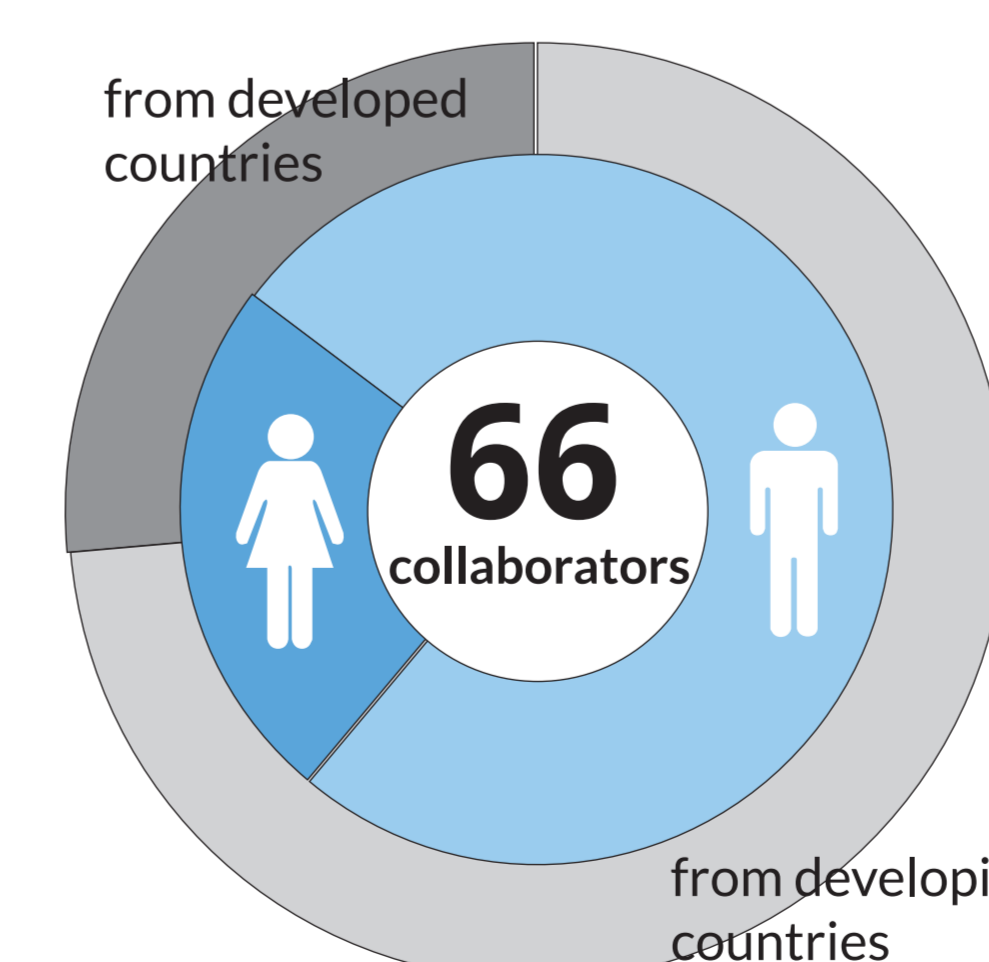
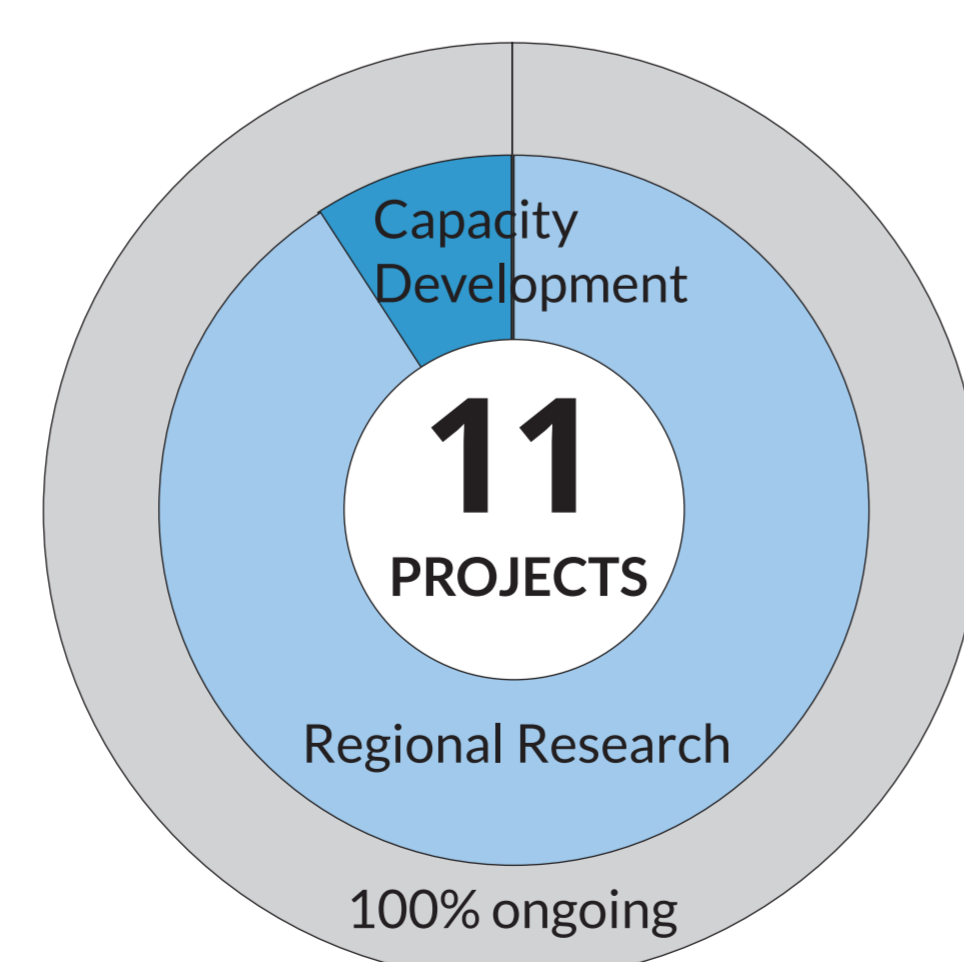
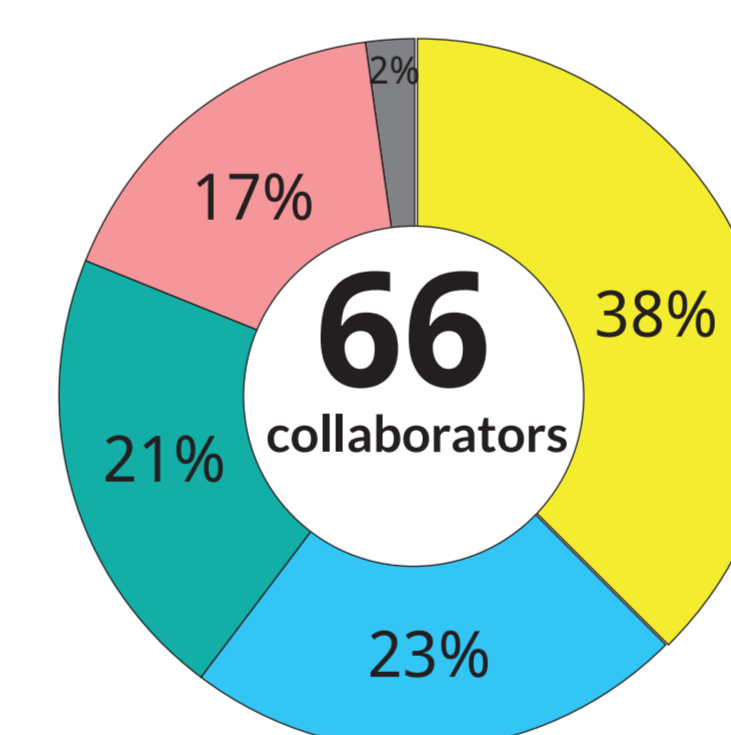
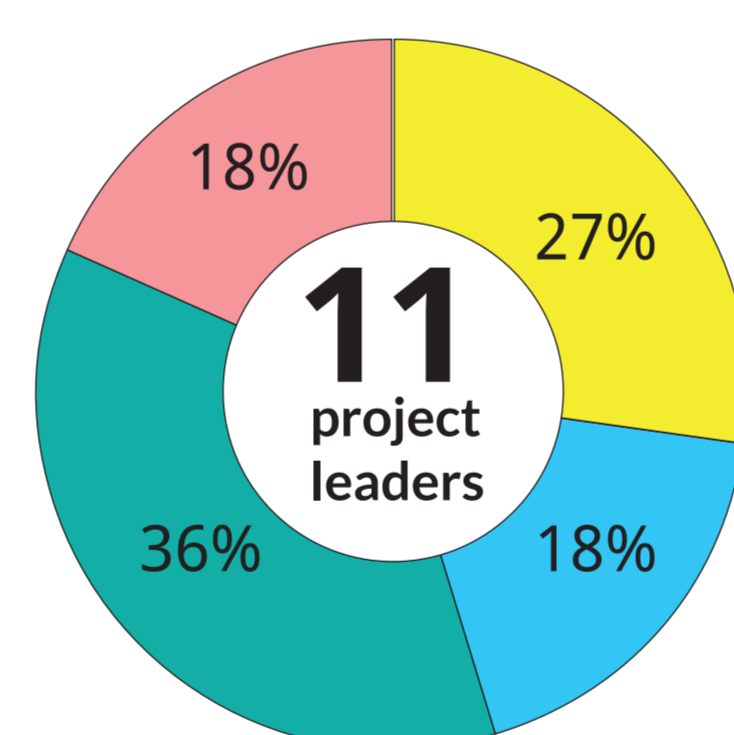
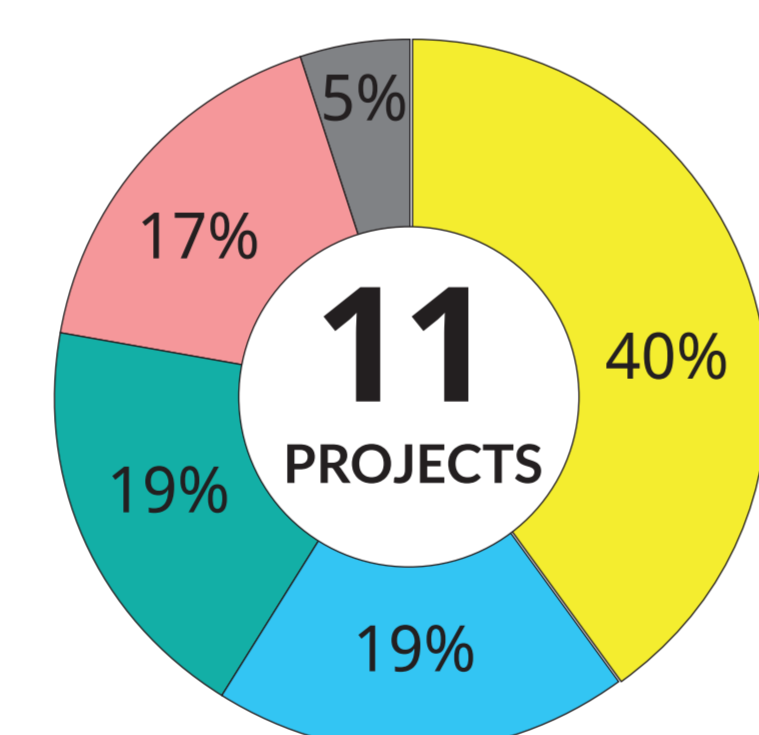


Project Activities



\$843,000 GRANTED TO 11 PROJECTS

> 1800 ENGAGED



Projects under CAF 2015

- 1 Assessment and mapping of the vulnerability of iTaukei (indigenous) communities in Fiji
- 2 Climate change adaptation in post-disaster recovery processes: Flood-affected communities in Cambodia and Fiji
- 3 Developing high spatiotemporal resolution datasets of terrestrial and marine low trophic level organisms in the Asia-Pacific region: Toward an integrated framework for assessing vulnerability, adaptation, and mitigation of the Asia-Pacific Ecosystems to global climate changes
- 4 Climate smart agriculture through sustainable water use management: Exploring new approaches and devising strategies for climate change adaptation in South Asia
- 5 Developing life-supporting marine ecosystems along the East Asia's coasts: A synthesis of physical and biological data regarding coral reef ecosystems for the science-based management and socio-ecological policy making in terms of global sustainability
- 6 Monitoring grassland degradation in North/Central Asia: Deciphering the impacts of climate change and government policies at different spatial-temporal scales using remote sensing and expert knowledge
- 7 Building climate resilience in farming systems in sloping lands of South Asia
- 8 Utilizing geospatial technology to assess health vulnerability to climate change for rural population in Vietnam and the Philippines
- 9 Understanding Urban Heat Island effect and its implications to climate change adaptation strategies in major southeast asia cities
- 10 Optimizing climate change adaptation through enhanced community resilience
- 11 Integrated analysis of climate, land use and water for resilient urban megacities: A case study of Thailand, Lao PDR and Vietnam

Outputs by 2016

115+



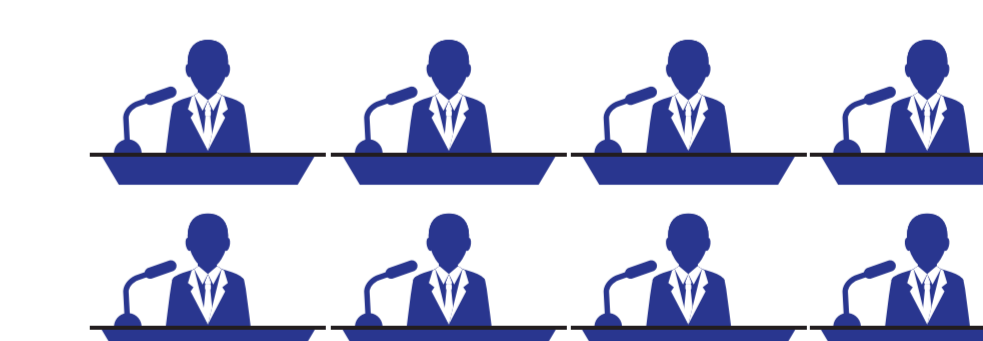
PEOPLE TRAINED

10+



PEER-REVIEWED RESEARCH PAPERS PRODUCED

8+



CONFERENCE PAPERS / PRESENTATIONS

1+



"Integrating Adaptation Strategies into Post-Disaster Recovery Processes: Lessons from the Asia-Pacific Region"

1+



TOOLKIT DEVELOPED AND LAUNCHED



APN receives financial contribution from the Ministry of the Environment, Japan; the Hyogo Prefectural Government, Japan; the Ministry for the Environment, New Zealand; and the Ministry of Environment, Republic of Korea. APN also relies heavily on the generosity and commitment of all its Member Countries for financial and in-kind support. The donors provide direct funding for APN, which is complemented by in-kind support from APN members, such as hosting workshops and seminars and the sharing of scientific and management expertise.

FIND US ON:

