
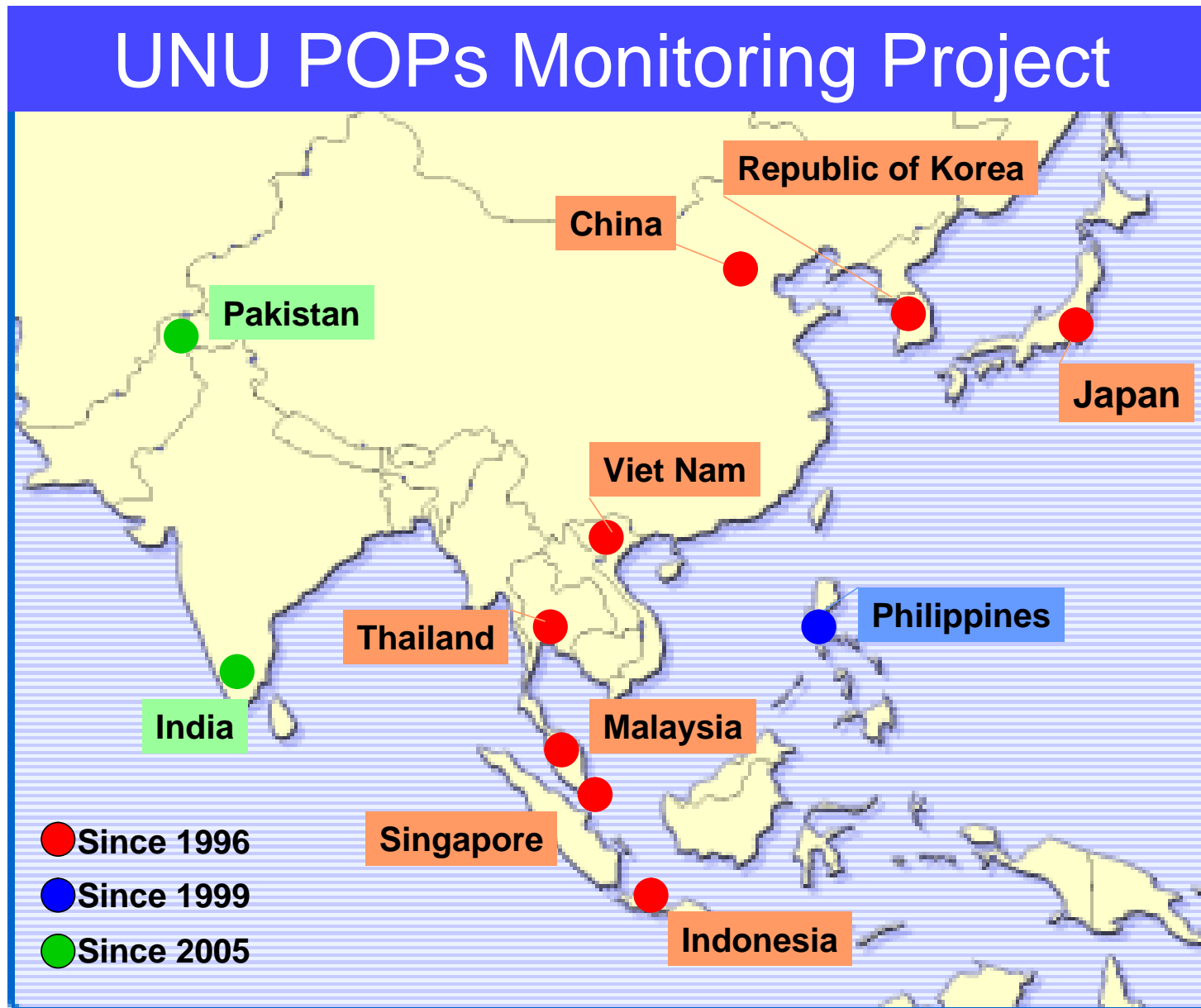


# **Environmental Monitoring and Governance in the Asian Coastal Hydrosphere project 1996-**



United Nations University  
Environment and Sustainable Development  
Programme

# UNU POPs Analytical Capacity Development Project



# **UNU POPs Analytical Capacity Development Project - Partners**

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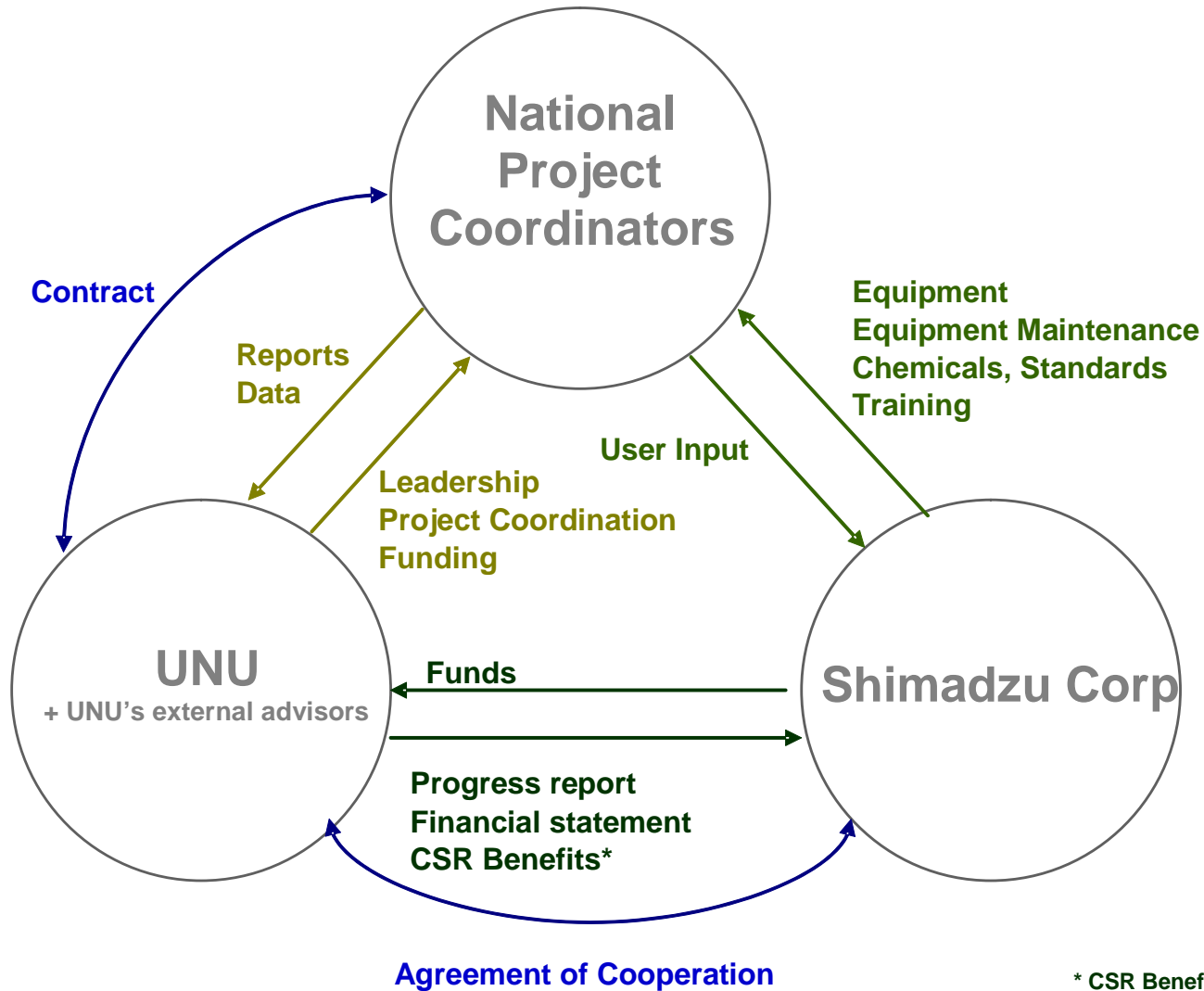
- ❑ **UNU-EHS & UNU-AIT**
- ❑ **China – China-Japan Friendship Center for Environmental Protection**
- ❑ **India – Bharathidasan University**
- ❑ **Indonesia – Environmental Management Center - SARPEDAL**
- ❑ **Japan – National Institute for Environmental Studies (NIES)**
- ❑ **Korea – Korean Ocean Research and Development Institute (KORDI)**
- ❑ **Malaysia – University of Malaya**
- ❑ **Pakistan – Pakistan Council of Research in Water Resources (PCRWR)**
- ❑ **Philippines – National Science Research Institute, University of the Philippines**
- ❑ **Singapore – Department of Chemistry, National University of Singapore**
- ❑ **Thailand – Environmental Research and Training Center (ERTC)**
- ❑ **Viet Nam – Viet Nam National University (VNU)**

# UNU POPs Analytical Capacity Development Project – Project Phases

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- ❑ First phase: 1996-1999 Monitoring Pesticides in soil and foods and air pollutants such as Volatile Organic Compounds,
- ❑ Second Phase: 1999-2002 Monitoring Endocrine Disrupting Chemicals
- ❑ Third Phase: 2002-2005 Monitoring of Persistent Organic Pollutants (POPs) in the Asian Region
- ❑ Fourth Phase: 2006-2008 Monitoring of POPs in the Asian Region

# UNU POPs Analytical Capacity Development Project - Schemes



**\* CSR Benefits**

- Development of trust and goodwill
- Enhancing brand image
- Improving risk management
- Attracting and retaining employees

# UNU POPs Analytical Capacity Development Project - Achievements

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- ❑ Two partners (Philippines and Viet Nam) have been appointed as national experts to Stockholm-Convention related meetings
- ❑ The Thai partner is expected to become the first national dioxin laboratory
- ❑ UNU Project has been recognized as existing monitoring activities in the Stockholm Convention's inventory documents
- ❑ Training has been provided by Shimadzu annually
- ❑ Annual symposiums in partners' countries and conference in Tokyo every three years have had 100-300 participants per event

# UNU POPs Analytical Capacity Development Project - Achievements

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- ❑ One of a very few (almost only one) projects supporting developing countries' analytical capacity development on POPs
- ❑ Many other projects including the ones run by the Japanese government and other UN agencies either analyze samples in developed countries or regional centers which does not help developing countries build their own capacities.
- ❑ The first version of the Data Quality Assurance Document has been now in use.

# UNU POPs Analytical Capacity Development Project - Limitations

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- Data quality of some partner countries has not reached the international standard yet.  
-> Further efforts are planned.
- Corporate interests are always in an existing market or potential country and not in the Least Developed Countries.  
-> take care of those countries in a different project component



# UNU POPs Analytical Capacity Development Project - Events

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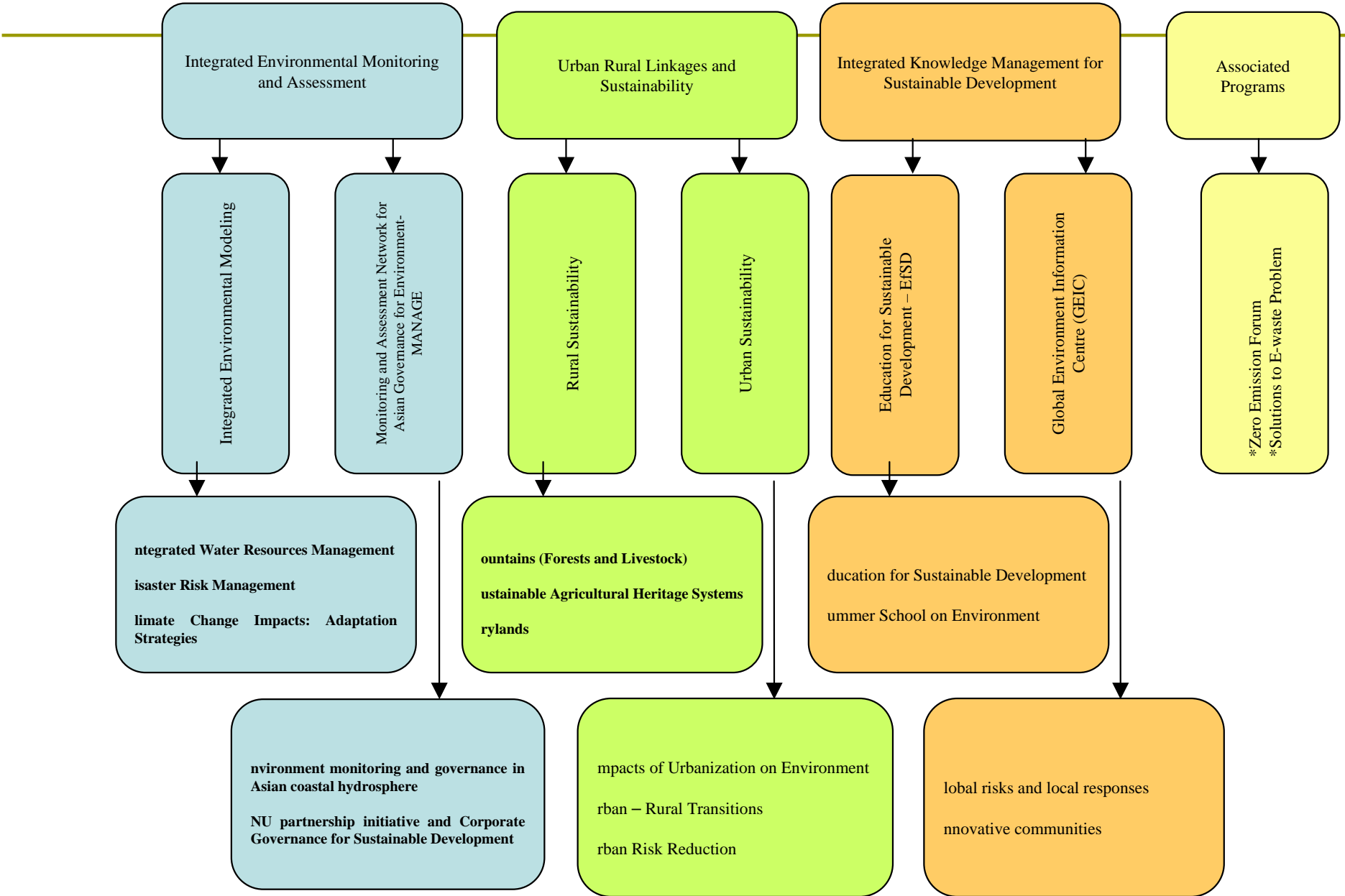
- POPs: Global Transport, Best Environmental Practice, and Risk Perception  
Jakarta, Indonesia (2007)
- POPS in Asia: its status and future  
Manila, Philippines (2006)
- Ecosystem Impacts of POPs  
Bangkok, Thailand (2005)
- Future Challenges in POPs Management  
Tokyo, Japan (September 2005)
- Impacts of POPs from Urban Areas  
Beijing, P.R. China (2004)
- Tracing pollutants from agrochemical use  
Hanoi, Viet Nam (2002)
- Conserving Our Coastal Environment  
Tokyo, Japan (July 2002)
- Industries and EDC Pollution  
Seoul, Republic of Korea (2001)
- EDCs in East Asian Coastal Hydrosphere  
Kuala Lumpur, Malaysia (2000)
- Environmental Issues Related to EDC Pollution  
Tokyo, Japan (1999)

# UNU POPs Analytical Capacity Development Project - Trainees

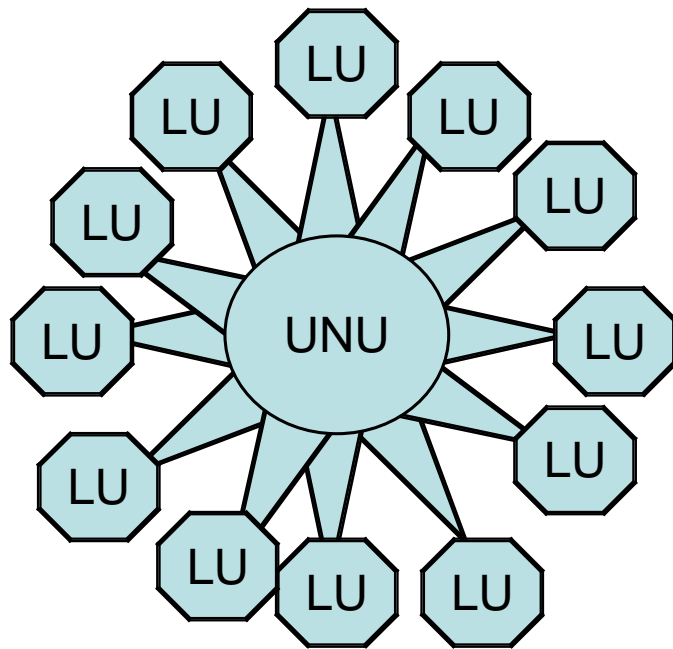
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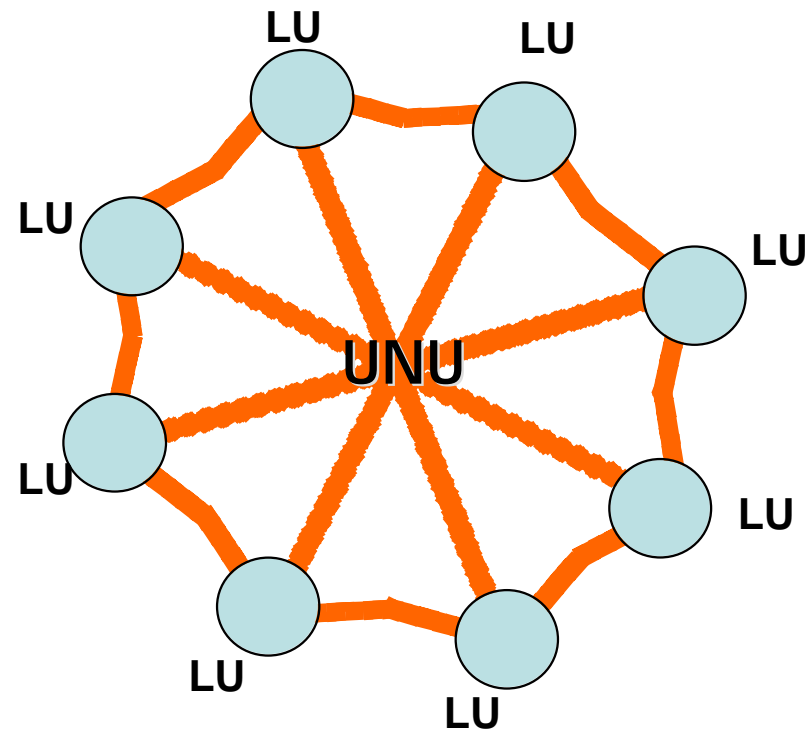
# Environment Change Risk Management



# ESD Post Graduate Degree Programs 2009-2012 (Transition type moving towards full programs)

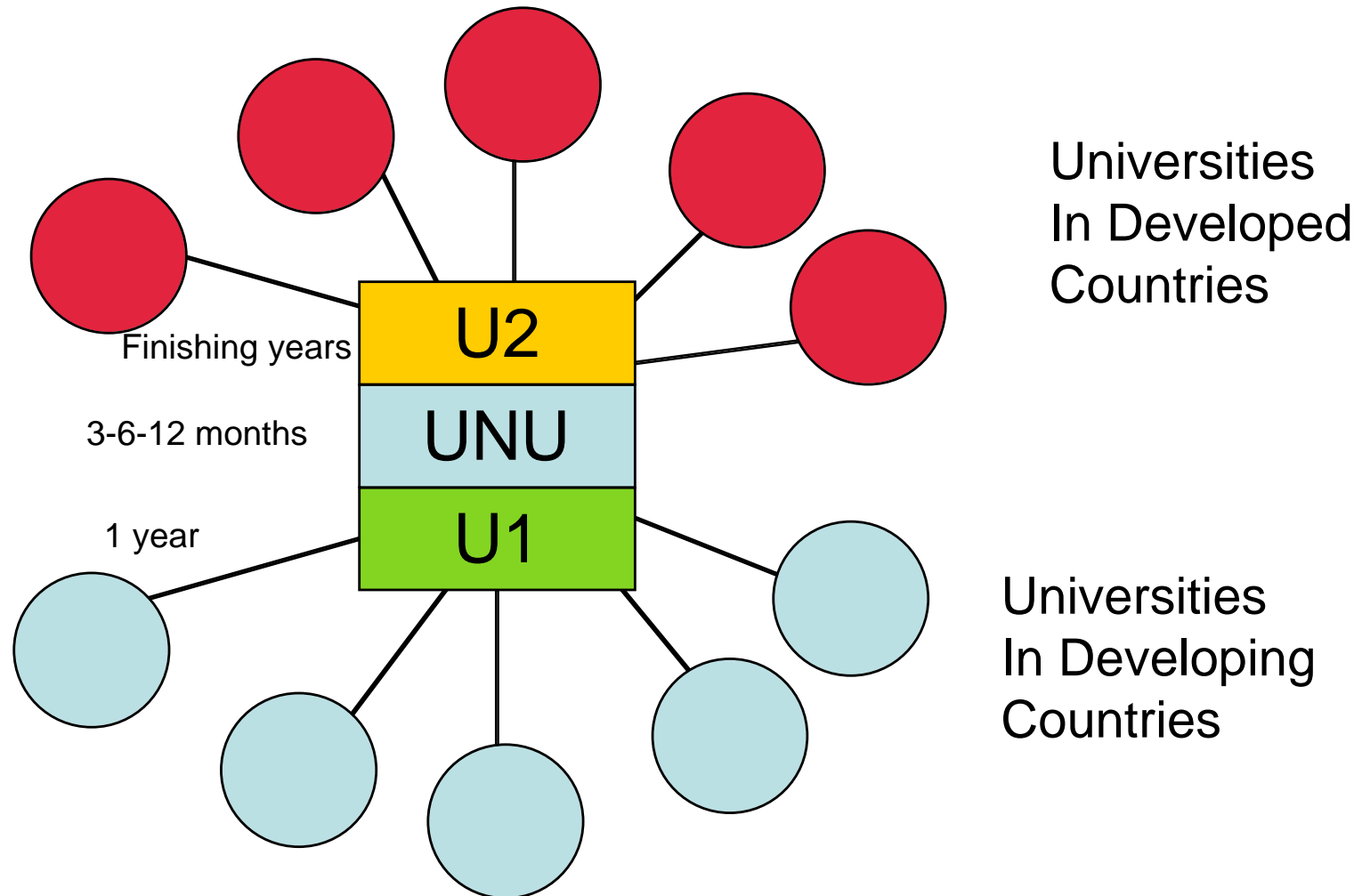


I. Direct supervision  
of post-graduate  
studies at local  
universities



II. Joint post-graduate  
studies  
among partner  
universities.

# ESD Post Graduate Degree Programs 2009-2012 (Transition type moving towards full programs)



III. Sandwich post-graduate studies in local universities and the UNU

# Post Graduate Research Themes

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- ❑ **Adaptation to climate change**
- ❑ **Water Management**
- ❑ **Disaster Risk Reduction**
- ❑ **Chemical Risk and Life Cycle Assessment for Environmental Policy**
- ❑ **Local Adaptations to Environmental Variability**

# Opportunities at UNU

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- UNU-JSPS Post Doc: Closing date 27 April
- International Course
- Other fellowships/project participation
  
- <http://www.unu.edu>

# Thank you



Fukuya Iino

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