

**COOPERATION FOR RESEARCH, DEVELOPMENT AND
INNOVATION**

UNESCO COOPERATION PROGRAMS WITH FRANCE



United Nations
Educational, Scientific and
Cultural Organization

*Fostering Collaboration between UNESCO in the Field & Network
towards the 20130 2030 Agenda*



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

MINISTÈRE
DES AFFAIRES ÉTRANGÈRES
ET DU DÉVELOPPEMENT
INTERNATIONAL

UNESCO- MOFAID COOPERATION AND RESEARCH PROGRAMS

OVERALL PURPOSES OF UNESCO-FRENCH MOFAID PARTNERSHIP

I- PCB: Develop Science-to-Policy linkages, with a focus on ASEAN

- ASEAN STI Division and specialized bodies*
- MOSTIs in the Region*

II- DEVELOPMENT: Finance Regional Scientific Networks and Research Projects to foster:

- Regional cooperation & transfer of expertise*
- Youth training, by financing junior researchers*
- Scientific innovation in the most challenging fields of research (Health, DRR, Urban and Rural Development, Climate Change etc.)*



United Nations
Educational, Scientific and
Cultural Organization



MINISTÈRE
DES AFFAIRES ÉTRANGÈRES
ET DU DÉVELOPPEMENT
INTERNATIONAL

ICT – ASIA AND BIO -ASIA

1- A Scientific Network

Bringing together France and Asia Research Institutions and Scientists in the fields of Information and Communication Technologies (ICT) and Biology studies.

Meeting every year – Workshop co-organized by UNESCO, French MOFAID with a leading scientific national institution

2014: ICT-Bio Asia Regional Workshop in Jakarta hosted by LIPI

*2015: - ICT-Asia Workshop hosted by SEARCA (Southeast Asia Research Center on Agriculture), Los Banos, Philippines
- BIO-Asia Workshop hosted by A*STAR in Singapore*

2016: BIO-ICT Asia Regional Workshop, hosted by UM and Academy of Sciences -Malaysia

FROM NETWORKING TO COOPERATION

2- A Grant Program

With a yearly Call for Projects

200 000 EUR per year, awards 6 to 10 projects

Research teams involving at least 1 researcher from France, 1 researcher from an ASEAN country and 1 researcher from another Asian country (ASEAN or other) .

Since 2004, ICT-Asia funded 56 projects and 355 scientists
Since 2008, Bio-Asia funded 33 projets and 205 scientists

PRIORITY TOPICS OF THE CALL

ICT-ASIA

- ICT Research and Applications in the fields of**
- **Climate Change (adaptation and mitigation)**
 - **Biodiversity and Ecosystems Services**
 - **Food Security , Disaster Risk Reduction;**
 - **Health;**
 - **Cybersecurity**

BIO-ASIA

- **Biodiversity**
- **Biotechnologies**
- **Health**
- **Green Chemistry**
- **Biotransformation**
- **Biomass - Renewable Energies**



United Nations
Educational, Scientific and
Cultural Organization



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

MINISTÈRE
DES AFFAIRES ÉTRANGÈRES
ET DU DÉVELOPPEMENT
INTERNATIONAL

MAIN ASIAN PARTNERS

Academy of Sciences MALAYSIA (MOSTI)

- Co-organized 2016 Workshop (more than 200 participants)
- Could integrate our programs governing bodies, i.e. become a decision maker and a donor.

Southeast Asia Research Center on Agriculture - Philippines

- Co-organized ICT-Asia 2015 Workshop (100 participants)
- Signed the Letter of Intention to become an official partner, i.e. decision-maker & donor.

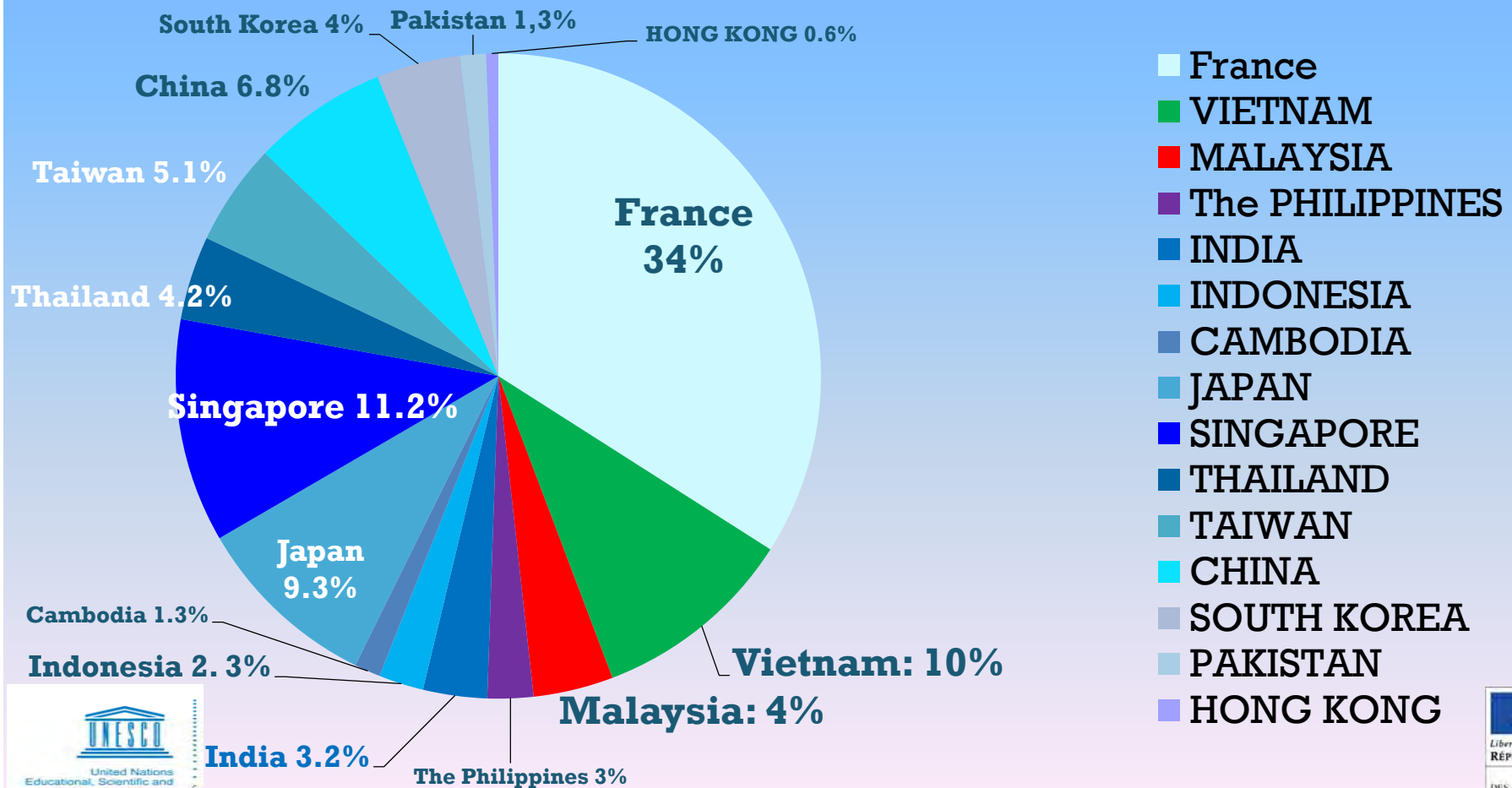
A*STAR – Singapore

- Co-organized 2015 Bio-Asia Workshop (100 participants)
- Could integrate the program governing bodies, i.e. become a decision maker and a donor.



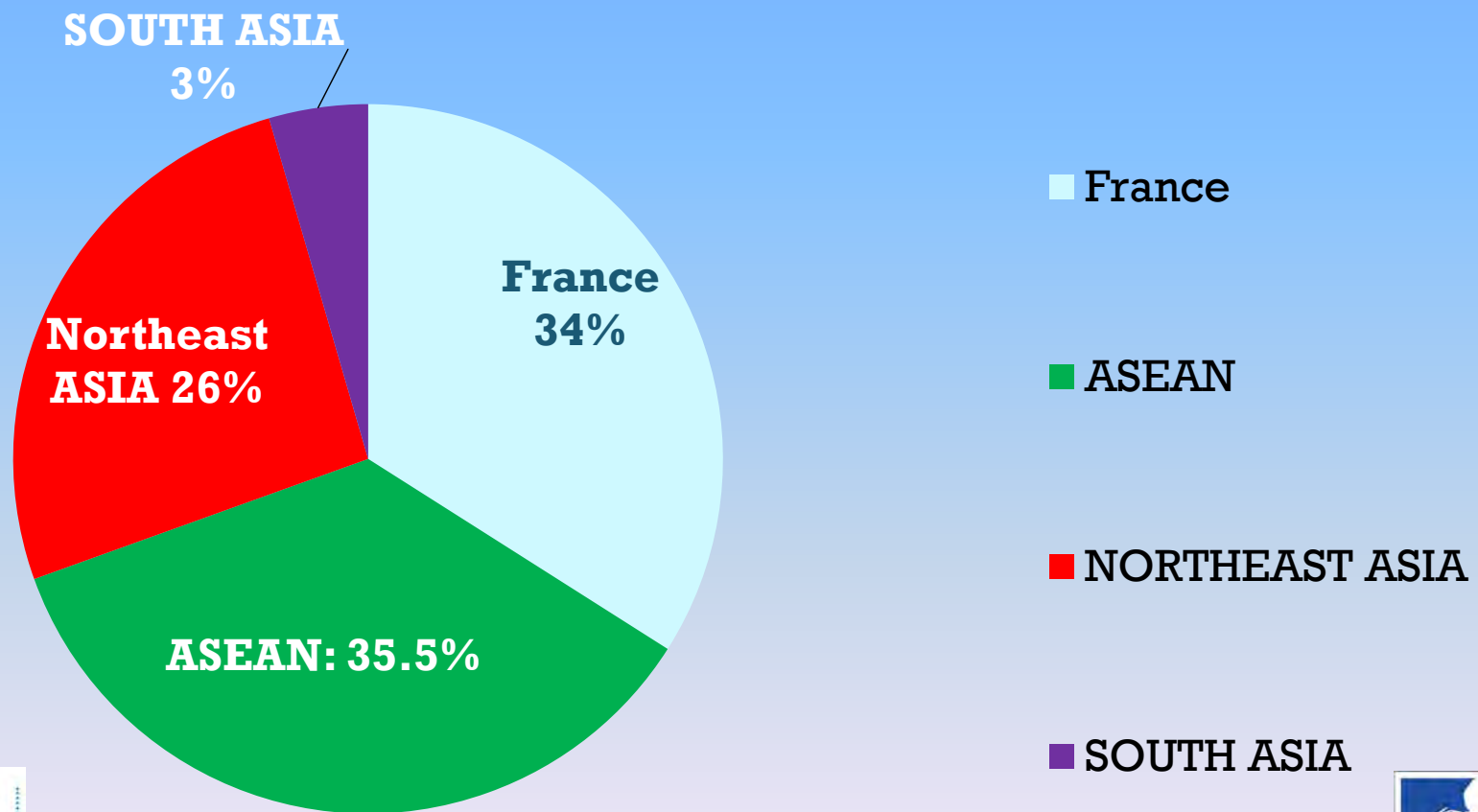
ICT-ASIA NETWORK AT A GLANCE 2015

SCIENTISTS AWARDED WITH AN ICT GRANT SINCE 2004 – BY COUNTRY



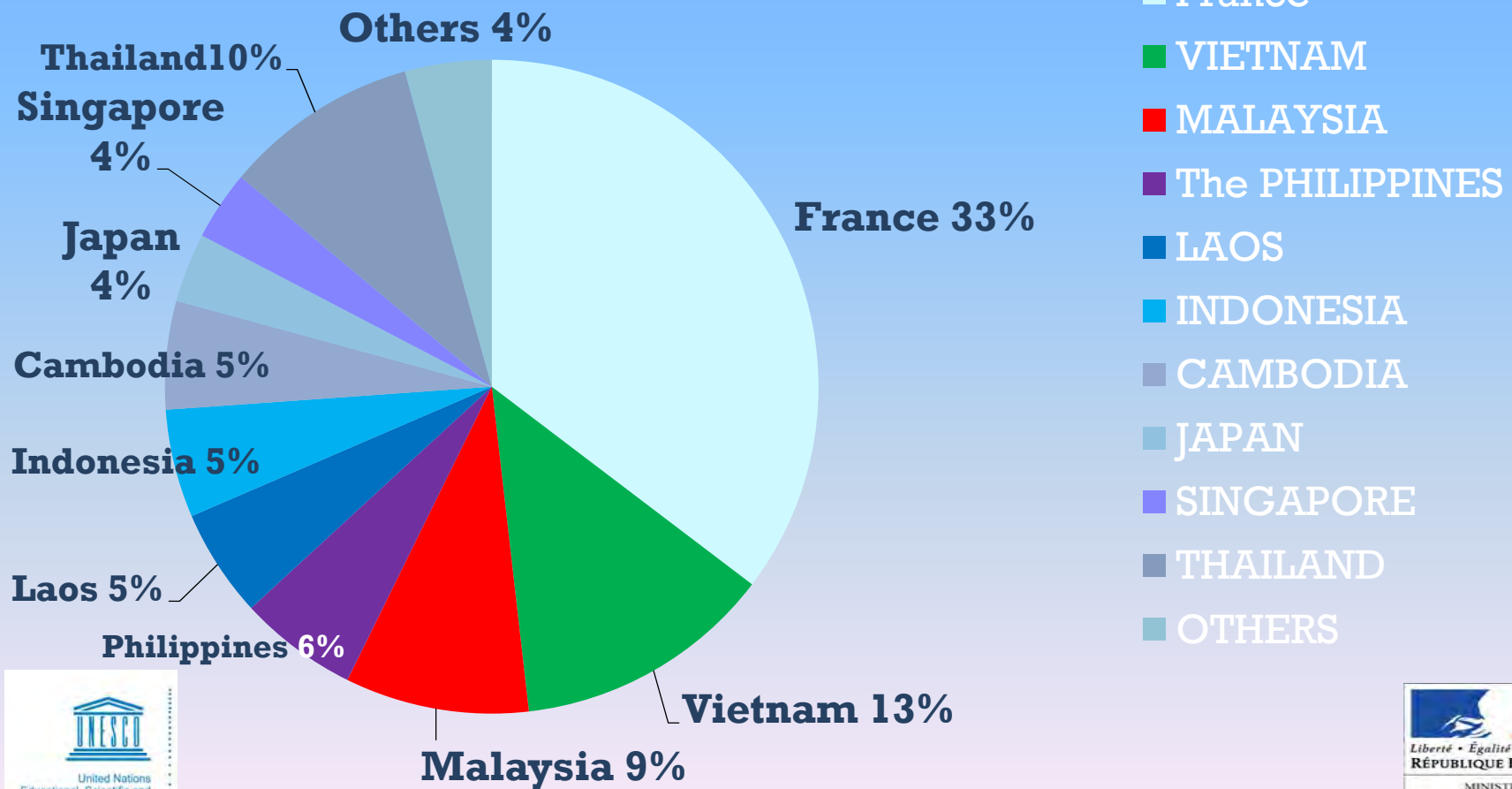
ICT-ASIA NETWORK AT A GLANCE 2015

SCIENTISTS AWARDED WITH AN ICT GRANT SINCE 2004 – BY REGION



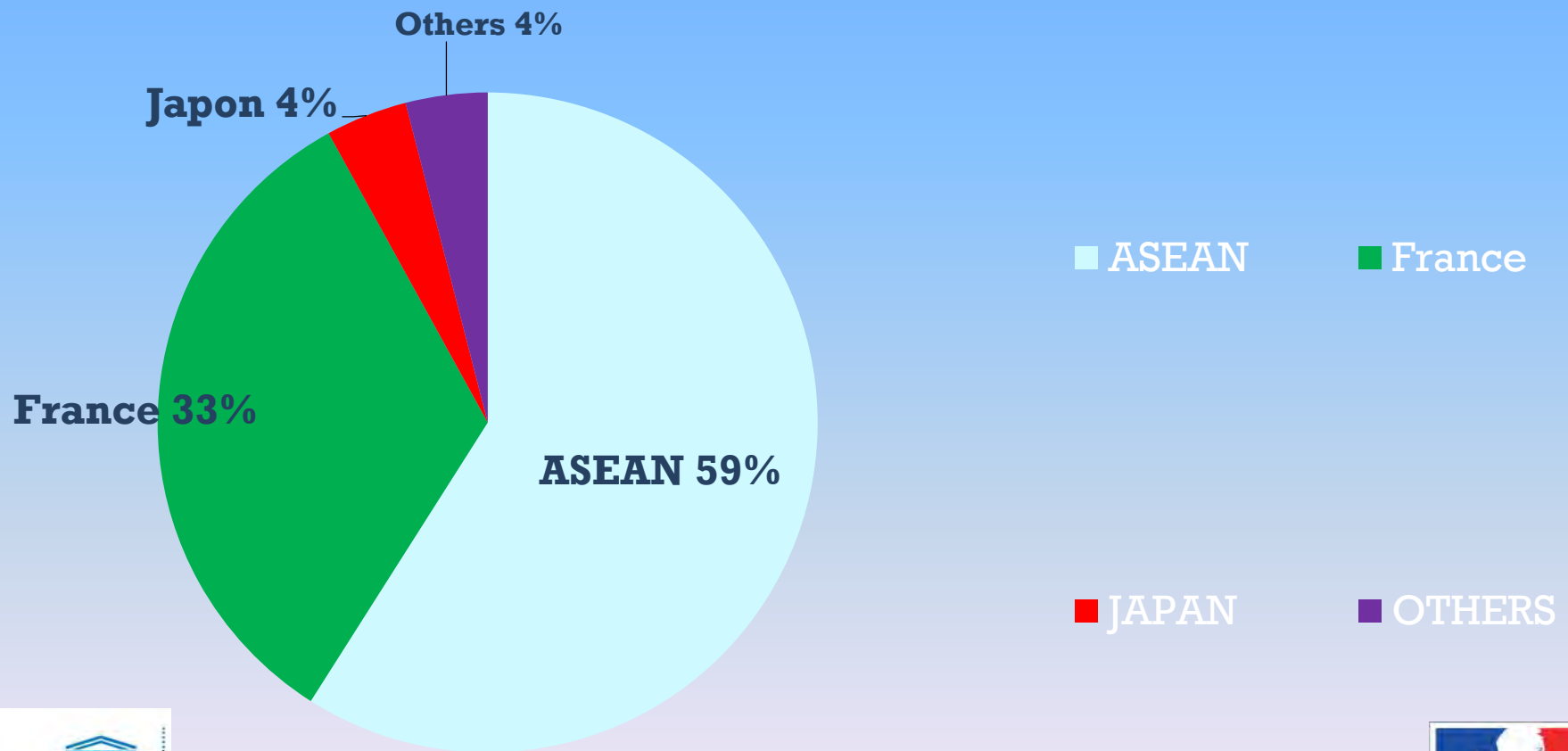
BIO-ASIA Program - 2015

Scientists by country

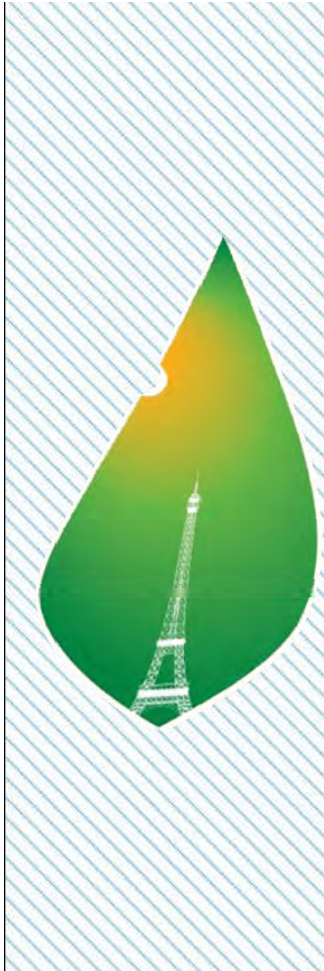


BIO-ASIA Program - 2015

Past grants at a glance



RFCC REGIONAL FORUM ON CLIMATE CHANGE



Bangkok Regional Forum on Climate Change (RFCC), held at Asian Institute of Technology, July 2015 1-4th, gathered **more than 400** scientists, policy makers, diplomats, climate negotiators, media and other climate change experts.

TOPIC *Role of Science in Elaborating Public Policies linked to the objectives of COP21*, with a special focus on ASEAN member states.

LABELLED

- « **COP 21** »
- Side event to UNESCO International Conference « **Science and the Future We Want For All** », 7-10 July, UNESCO HQ.

REGIONAL FORUM ON CLIMATE CHANGE

SCIENCE TO POLICY

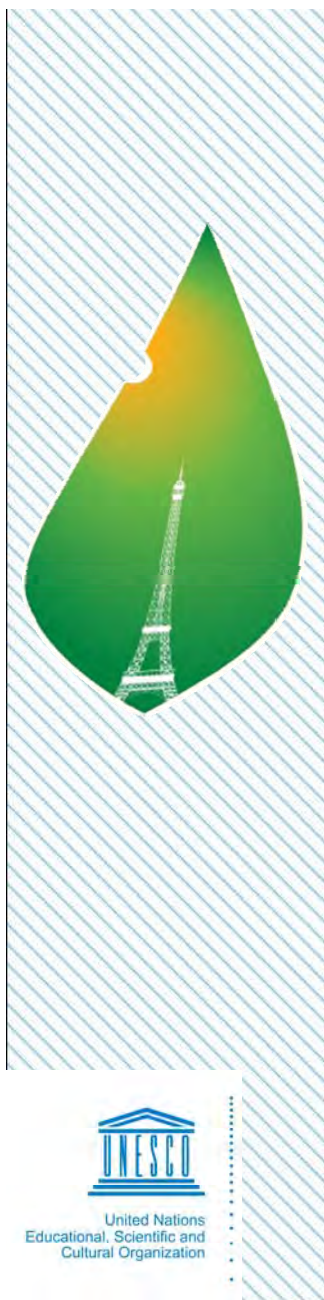
Closed political sessions:

- **Third ASEAN-UE Meeting on Climate Change**
- **Training of ASEAN Negotiators on CC** (national officials sent to COP21) : UNESCO-MOFAID elaborated the « scientific component » (political component was developed by ASEF).

BUILDING A CC SCIENTIFIC NETWORK

- **22 technical sessions** on CC mitigation, adaptation and cross cutting studies to foster the building of a **regional network of scientists in CC studies**, a pool of experts with the capacity to act as **regional scientific advisors** in the long term.

Youth training: 1/4 of the invited scientists were junior researchers.



CALL FOR COLLABORATIVE RESEARCH PROJECTS ON CLIMATE CHANGE

FROM NETWORKING TO COOPERATION

→CALL FOR COLLABORATIVE RESEARCH PROJECTS

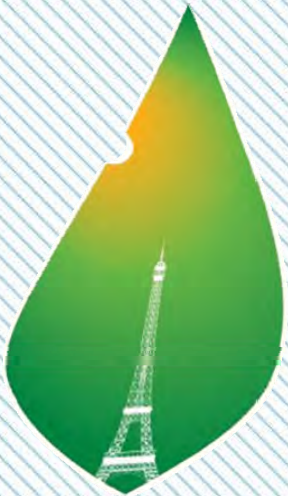
TEAMS: at least 3 different research institutions: one research unit at AIT, one research unit from France, and one from an Asian country. Selected countries: Timor Leste, Malaysia, Vietnam, India, Thailand.

PROJECT DURATION & BUDGET: Total indicative amount of the grant: EUR 45 000 for 2 years.

SCIENCE TO POLICY: Projects have clear research outcomes and public policies applications in the middle term.

YOUTH TRAINING:

- team compose of 3 seniors researchers integrating one of their junior researchers to the project.



THANK YOU!



United Nations
Educational, Scientific and
Cultural Organization

