

**INSTITUT
FRANÇAIS**
INDONESIA



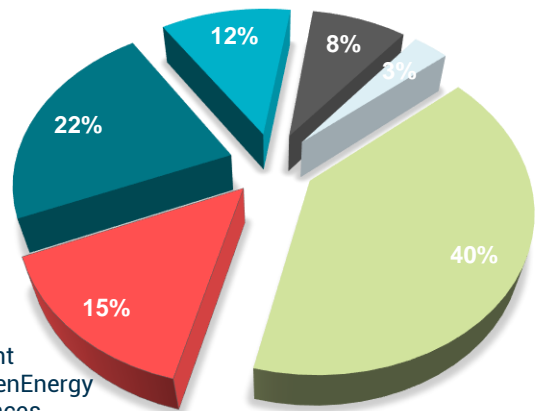
AMBASSADE DE FRANCE
EN INDONÉSIE
ET
AU TIMOR ORIENTAL

OVERVIEW OF THE FR-ID COOPERATION IN RESEARCH

Version I – March 2016

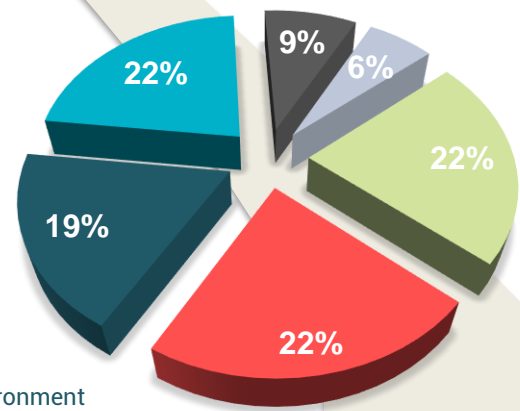
THEMATICS: 2016 JWG EXAMPLE

Overall Participation



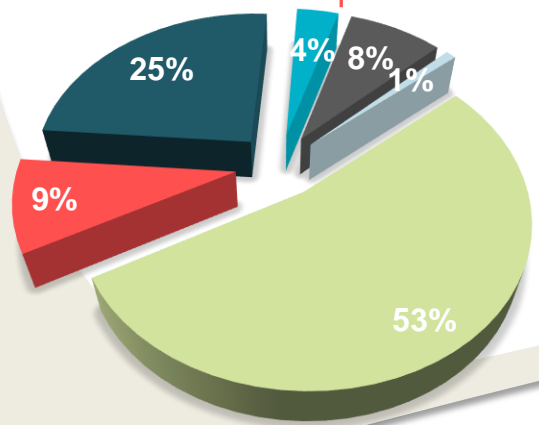
- Ecology & Environment
- Engineering, New & RenEnergy
- Social & Human Sciences
- Law, Economics and Management
- ICT and Educ Technology
- Health Sciences & Food safety and Security

Indonesia Participation



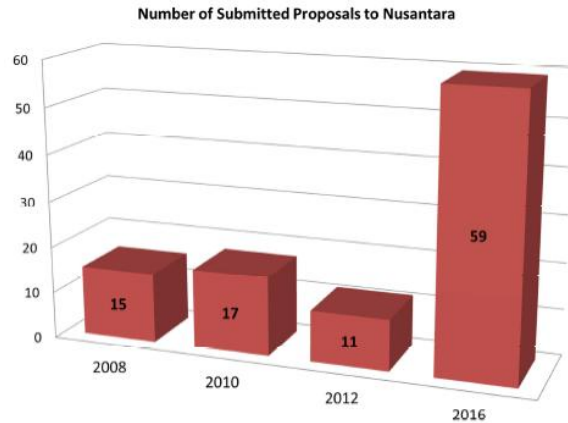
- Ecology & Environment
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France Participation



- Ecology & Environment
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THEMATICS: NUSANTARA FEEDBACK

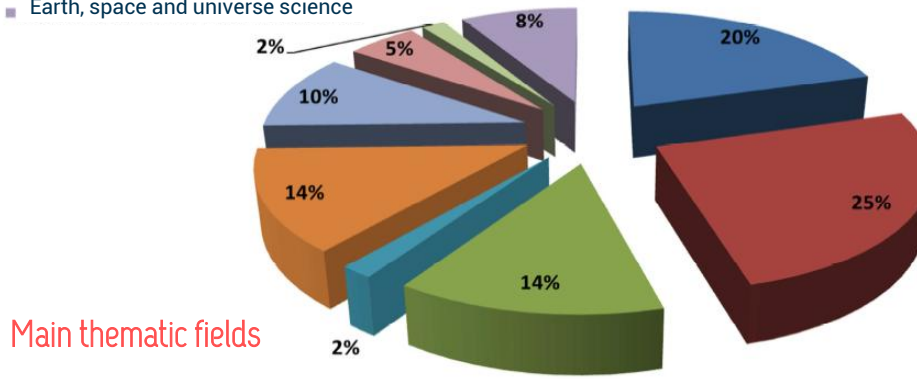


- 59 eligible proposal (with 70 initially opened applications)
- In line with FR and ID priorities
- Engineering (25%), AgroForestry (20%), Health (15%), TIC (15%), SHS (10%)

- Agronomy, animal, vegetal and agroalimentary products
- Engineer science
- Biology, health, medicine
- Maths and interactions
- Information and communication science and technology
- Human science and humanities
- Chemistry
- Social science
- Earth, space and universe science

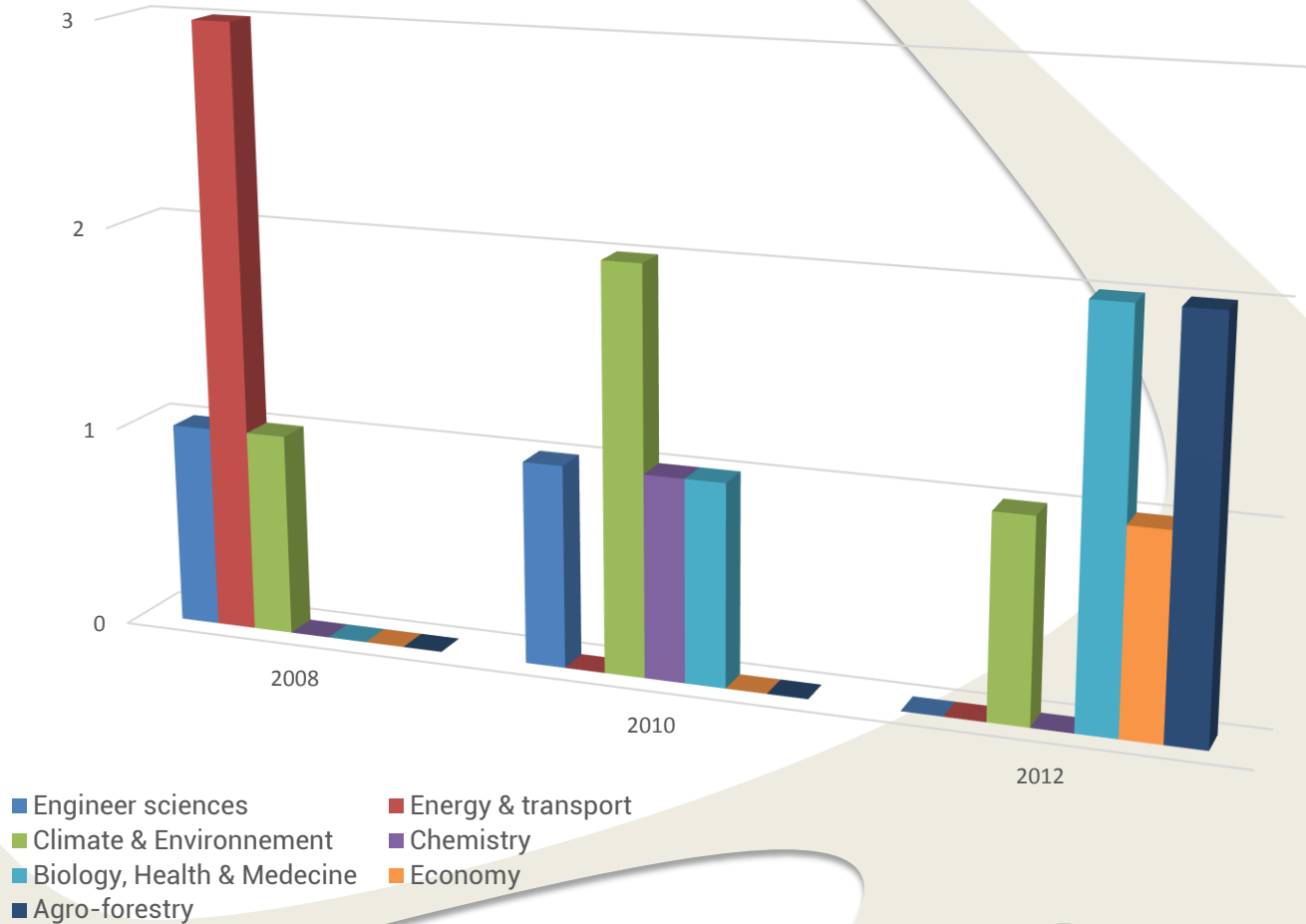
Main FR partners
 1) Montpellier, 2) Paris, 3) Toulouse/La Rochelle (ex aequo)

Main ID partners
 1) IPB, 2) ITB, 3) UGM, 4) UI



TREND OVER TIME THROUGH NUSANTARA DATA

Thematic fields evolution



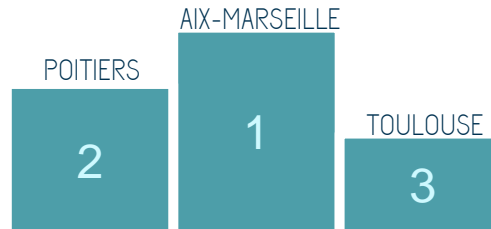
BRIEF SURVEY OF COOPERATION

Thematics	Weight in fields missions (%)
Agroforestry	40.6
Social & Human Sciences	12.2
Ecology & Environment	11.4
Engineering Sciences	9.6
Biology	8.1
Astronomy	3.0
Chemistry	2.2
Other	12.9

SOURCE : CIRAD/CNRS/IRD/IFI

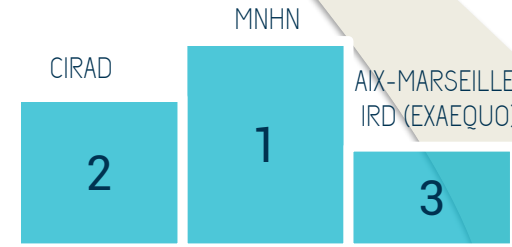
- 63 PhD Students defending PhD degree or registered in PhD curricula (About 20% in Social and Human Sciences)
- About 4 M€ of equivalent budget (missions, research, salaries,...)
- 92 joint publications

271 missions from France to Indonesia



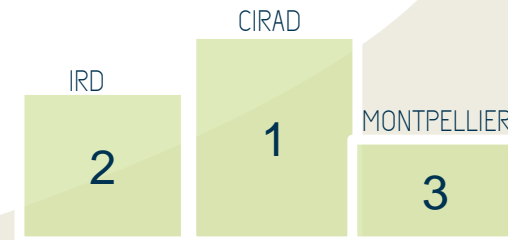
PhD Students

Impact of the thematics on the number of PhD



Publications

- Impact of budget investment
- Under estimation of MNHN budget



Budget

Difficulty to separate IRD/Montpellier for example

PUBLICATIONS

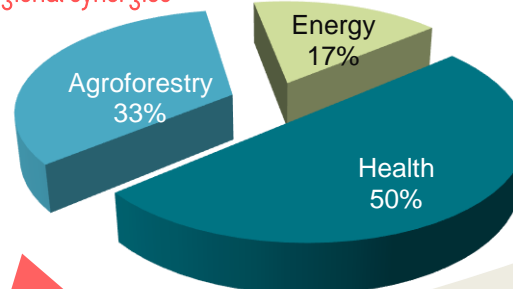
	2009 / 2010	2010 / 2011	2011 / 2012	..//..	2013 / 2014	2014 / 2015
Total of Indonesia co-publications	736	725	736	..//..	1415	1427
Share of Indonesia international co-publications	626	602	626	..//..	1173	1240
Co-publications France – Indonesia	35	33	35	..//..	76	81
Co-publications CNRS – Indonesia	20	17	19	..//..	44	42

SOURCE : SCIENCE CITATION INDEX EXPANDED ET CONFERENCE PROCEEDING CITATION - SCIE-CPCI-S; THOMSON REUTERS - TRAITEMENT : DASTR-SAP2S

- About 85% of Indonesian publications are co-authored with international partners (about 55% for France)
- Around 5 % of Indonesian publications are authored jointly with France : rate is stable over last 5 years (Half thanks to CNRS institution)
- But less than 0.1% of French publications are authored jointly with Indonesia

Proof that international cooperation is a strength for publishing

Regional synergies



Source : MAEDI, ICT Asia 2016

Health is the best example for which Regional cooperation is relevant

Distribution of co-publications with Indonesia

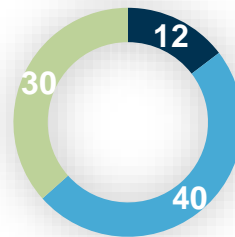
Japan	20.4%
Australia	14.3%
USA	12.7%
Malaysia	12.3%
Holland	9.4%
UK	9.0%
Germany	7.1%
France	5.3%
China	4.9%
Thailand	4.7%

SOURCE : SCIENCE CITATION INDEX EXPANDED ET CONFERENCE PROCEEDING CITATION - SCIE-CPCI-S; THOMSON REUTERS - TRAITEMENT : DASTR-SAP2S

EXISTING FUNDING OPPORTUNITIES

Over 82 identified schemes for funding in order to strengthen FR-ID cooperation in Research:

Schemes

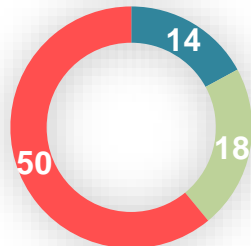


■ for students ■ for staff ■ for consortia

- **Environment: 15 CFP**
- **Health: 10 CFP**
- **Humanities: 9 CFP**
- **Fundamental Sciences: 4 CFP**
- **Energy: 4 CFP**
- **Agroforestry: 3 CFP**
- **Engineering : 3 CFP**

With time length over 2 years: 19

Granted amount



■ >100K€ ■ 30-100K€ ■ <30K€

- Pretty large funding availabilities and spectra
- Clear Priority for funders in Environment, Health and Humanities
- Need for pushing more long-term CFP

CONCLUSIONS

- **« Instant vision » of key players & thematics with quantification of present activity**
- **Need to identify a way for getting consolidated data (ID partners and FR ones)**
- **After:**
 - Possibility to identify how the different schemes of cooperation can support the main thematics,
 - Can achieve visible impact, can structure the players,
 - Help to identify a clear network of actors by thematics

CONTACT AT FRENCH EMBASSY IN INDONESIA



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