

MOBILITY AND RESEARCH PROGRAMMES WITH FRANCE



INSTITUT
FRANÇAIS
SINGAPOUR





Research in France

**2.23% of GDP for Research
(77 billion SGD)**

- 1.5% of GDP for Higher Education (52 billion SGD)
- 5th in OECD for R&D spending

13,000 pass PhD diploma/year

- 42 % PhD students are foreigners

>260 000 people researchers

- 30% women
- 60% of researchers in private companies



International Contribution

France (worldwide)

Rankings

Number of Scientific Publications

6th

3,3% global production
4% citations

Impact of Publications (H-index)

4th

Number of Patents

6th



International Recognition

French Laureates

Rankings

62 Nobel prize

4th

13 Fields Medal

2th



Jean Tirole
Nobel prize in
Economics
2014



Artur Avila
Fields
medalist
2014



*Jean-Pierre
Sauvage*
Nobel prize in
chemistry
2016



Horizon 2020

Budget = 126 Billion SGD

3 Major Priorities

Excellent Science

Industrial Leadership

Societal Challenges

France contributes to **23,4%** of **Horizon 2020** projects

9% are coordinated by French teams

Marie Skłodowska-Curie actions (MSCA)
10 Billion SGD



French Research Institutes in asean



IRASEC (Bangkok)
Research Institute on Contemporary Southeast Asia
Sociology, geography



EFEO (Multiple locations)
French School of the Far East studies
History, anthropology



Pasteur Institutes (Multiple Locations)
Prevention and treatment of infectious diseases



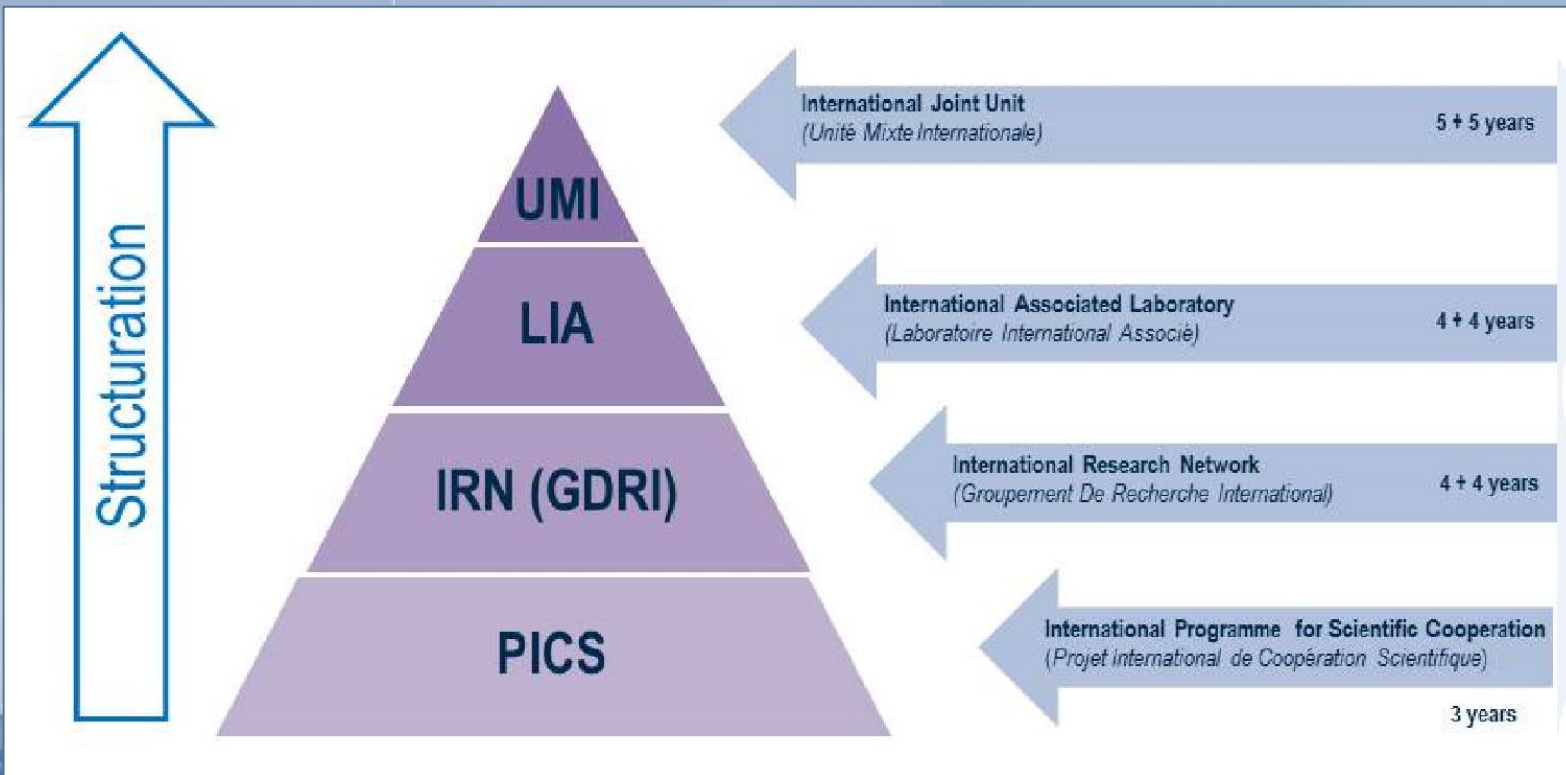
Institute of Research for Development (Multiple locations)
Health: prevention & treatment



CIRAD (Jakarta)
Centre for International Cooperation in Agricultural Research for Development
Agriculture, environment



National Centre for Scientific Research (CNRS)



**4 in ASEAN
4 in Singapore**

**6 in ASEAN
1 in Singapore
in 2018**

**4 in ASEAN
1 in Singapore**

**9 in ASEAN
2 in Singapore**



International Joint Unit (UMI)



IPAL (Image and Pervasive Access Laboratory), UMI in 2007,
CNRS/UJF Grenoble/UPMC/Institut Télécom/NUS/A*STAR
Research on digital health & robotics



CINTRA (CNRS International NTU THALES Research Alliance), UMI in 2009,
CNRS/THALES/NTU
Research on nanotechnologies & photonics



BMC² (BioMechanics of Cellular Contacts), UMI in 2014, CNRS/MBI/NUS
Research on mechanobiology



MajuLab, UMI in 2014, CNRS/UPMC/ENS/NUS/NTU
Research on quantum physics & information

Future major
collaboration
agreements...

Project SCARCE
CEA-NTU
Circular economy

Potentially soon:
Project SILVER
CNRS-NRF
(CREATE)
Silver economy



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Programmes Hubert Curien

Incentive to launch new collaborations between a research team in France and a research team in a partner country

Funds researchers' mobility, fostering participation of PhD students and young fellows to the exchanges

Co-financed by the ministries and equal funding from France and from the partner country

➤ Yearly call for proposals in Singapore, Indonesia, Thailand and Vietnam



Merlion

Date of creation

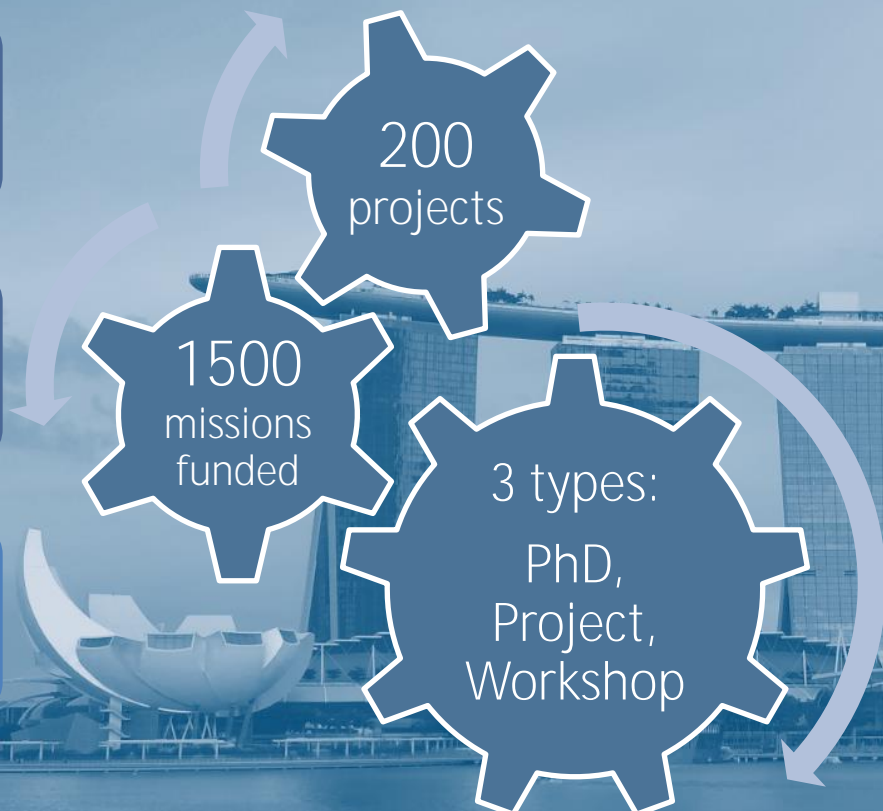
- 2006

Singaporean partners

- A*STAR, NUS, NTU, SERI, SMU, SUTD

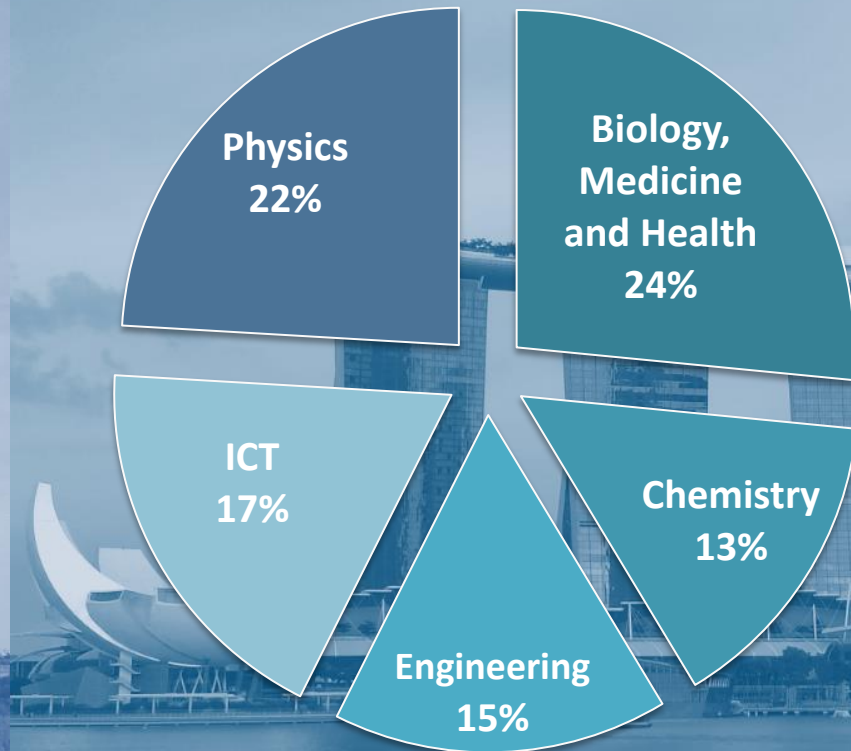
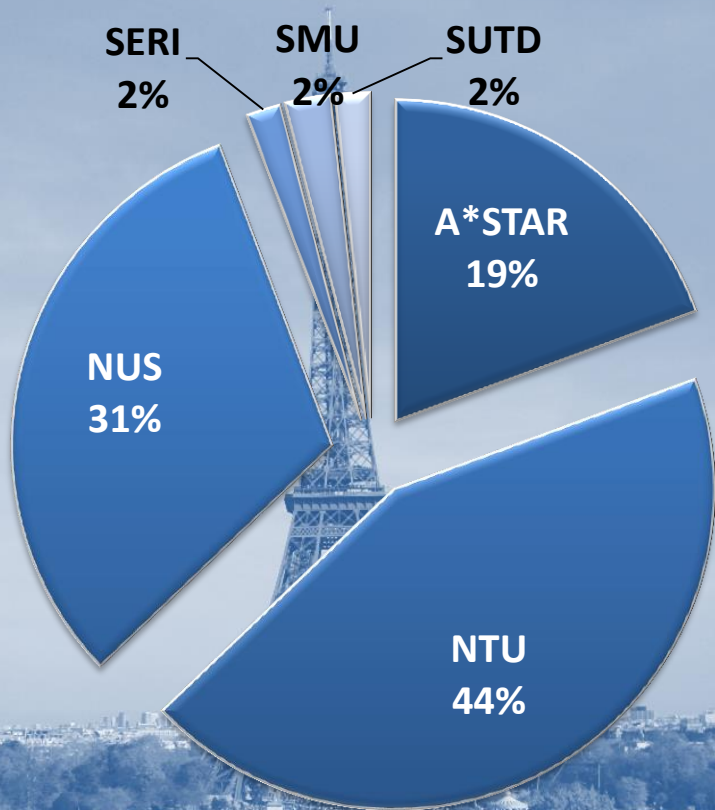
Website

- <https://www.institutfrancais.sg/sciences/merlion/>





Merlion





French Campus in Singapore



- Singapore, Paris, Cergy
- FT ranking: 5th in Masters in Management
- 4 Institutes of excellences
- 6 PhD programmes: Accounting, Economics, Finance, Marketing, Operations Management, Decision Sciences



- Singapore, Nice, London
- FT ranking: 1st in Masters in Finance Pre-Experience
- PhD in Finance



- Singapore, Fontainebleau, Abu Dhabi
- FT Rankings: 2nd Global MBA, 3rd EMBA
- 100 students from singapore/year
- PhD in management



Fundings

Yearly
call

ANR-NRF

- PhD and researchers (Post-doctoral, technician, etc)
- Themes: materials, nanotechnologies & nanosystems, efficient energy, industrial renewal, sustainable mobility & urban systems and information & communication society

MOPGA

- Master's, doctoral, post-doctoral, short-stays
- Themes: climate sciences, energy transition, earth systems
- <https://www.campusfrance.org/en/make-our-planet-great-again-en>

Grant

CIFRE

- PhD
- Grants for collaboration between french private company and a french or foreign university partner
- Open to all scientific fields

Co-funding

PRESTIGE

- Post-doctoral
- Co-financing programme with a public or private partner
- Open to all scientific fields
- <https://www.campusfrance.org/en/PRESTIGE-programme-postdoc>



Universities collaborations

There are also numerous calls between French and Singaporean universities !

For more information contact the respective international relations of each university or the Embassy of France in Singapore,

SMU

Sorbonne
university

NTU

USPC

NUS

Paris-
Saclay

And

Many

Others...

THANK YOU !

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HOW DIFFERENT LANGUAGES SAY 97

