



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

AMBASSADE DE FRANCE
À SINGAPOUR
www.ambafrance-sg.org



NANYANG
TECHNOLOGICAL
UNIVERSITY



Federal Ministry
of Education
and Research

FUNDING OPPORTUNITIES FROM FRANCE

*France – Germany - Singapore Applied Cryptography Workshop
Nanyang Technological University
3 December 2010*

Christelle Gervasoni – Embassy of France in Singapore

INTRODUCTION

An overview of R&D in France

- National R&D expenditures: € 39 Billion (2008)
- Government (46%) and Industry (54%)
- Public-Private partnerships encouraged by public policies

Content

- French Funding providers
- Franco-Singaporean Funding
- Franco-German Funding

An Independent public administration (2007)

- **For public and private institutions**
- **Competitive selection** – Calls for proposals
- **€4 Billion** during the last 5 years – Selection rate: 23.3%

National Programmes (88%)

Thematic Programmes

- *Digital Engineering and Safety* – 18 projects (2009)
- *Infrastructure for the Digital society* – 19 projects (2009)

General Programmes

- *White Programme* – 373 projects (2009)
All fields of research – academic & industrial research

International Programmes (12%)

- *White International Programme* with 9 countries
55 projects (2009)

COMPANIES' FUNDING

OSEO: Support for Innovative SMEs



- A public institution (2005)
- **Innovation** Assistance (Feasibility studies, IP, legal assistance...)
- **Financial** support (Fund Guarantee Scheme, Investments, loans...)

MOHER: Research Tax Credit (CIR)

- A tax incentive for any company involved in R&D
- 30% of the total R&D expenses up to € 100 Millions, 5% beyond
- Tax credit under CIR: **€5 billions in 2009**



Research hubs - €1.5 Billion funding (2009 – 2011)

- Reporting to: Ministry of Economy, Finance and Industry
- 64 national and 7 international hubs

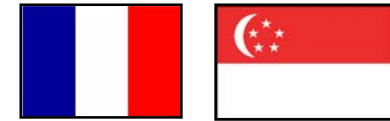
“Secured Communicating Solutions” - Southern France




- 30 major international companies: Gemalto, Orange, etc.
- 289 innovative projects certified
- 474 M€ R&D investment including 185 M€ R&D public funding

Funding opportunities

- Usual sources of funding: ANR, OSEO, MOHER
- Dedicated funding to competitiveness clusters:
 - Interministerial Fund (FUI) – € 600 million (2009-2011)
 - R&D structuring projects – € 300 millions
 - Shared platforms for innovation – € 200 millions etc.

FRANCE - SINGAPORE



<u>Calls for proposals</u>	<u>ANR International White Programme</u>	<u>ICT Asia Programme</u>
Partners	ANR + A*Star	MOHER + MFA + French partners
Purpose – Areas	Research – ICT & Nanotechnology (2010)	Logistics - ICT
Eligibility	Franco – Singaporean research projects	France – Asia trilateral collaborations
Funding	€ 500,000 / project 3 years, 4 projects	€ 40,000 / project 2 years, 5 projects
	 	

FRANCE - SINGAPORE

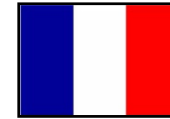


Merlion Programme (Since 2006)

- to **promote bilateral research projects**
- to **create new collaborations & joint labs**

Partners	MFA + 6 Singaporean partners: A*STAR, NTU, NUS, SERI, SMU & Temasek Life Sciences Laboratory
Purpose – Areas	Logistics – All fields of research
Format	Research Projects or Workshops (Merlion Programme) Grants for joint PhD (Merlion PhD Programme)
Funding	2 or 3 years, depending on the format 24 projects - Selection rate: 37% (2009) € 30,000 /project/workshop/PhD

FRANCE - GERMANY



Programme Inter Carnot - Fraunhofer PICF



Federal Ministry
of Education
and Research

- **A joint programme (2009 - 2011)**
- **Collaborative Industry-oriented Research**
- 59 Fraunhofer institutes + 33 Carnot institutes
- 6 thrusts (**ICT, Civil Security**, Energy, Environment, Health & Transport)
- 11 projects (2009), 8 projects (2010) – Selection rate: 13.9 %
- **€10 Million / year** – All R&D expenses
- **Up to €1.5 millions / project** – Projects funded up to 3 years
- Next call for proposals: **Spring 2011**

CONCLUSION

Other funding sources

- Ministry of Defence
- Ministry of Economy, Finance and Industry (ICT programmes)
- French Regional councils
- Foundations (Fondation Télécom, Fondation EADS)
- Etc.

Further information: christelle.gervasoni@diplomatie.gouv.fr

Thank you for your attention

**Embassy of France in Singapore
Science & Education Section**