Strategy, Expertise and Management of International Cooperation Schemes

Division for European and International Affairs in Research, Innovation and Higher Education

Mission Europe et International pour la Recherche, l’Innovation et l’Enseignement Supérieur (DGRI-DGESIP/MEIRIES)

Robert Gardette

France-Egypt Meeting, Paris, september 18th 2015
Minister Najat Vallaud-Belkacem

Directorate-General for Education- DGESCO

Directorate-General for Higher Education and Employability- DGESIP

Directorate-General for Research and Innovation- DGRI

General Secretariat

Division for strategy coordination for Higher Education and Research

MEIRIES
Division for European and International Affairs in Research, Innovation and Higher Education

Delegation of European and International Relations and Cooperation

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« MEIRIES » : Central Position / Strategic Issues

Directorate-General for Research and Innovation (DGRI)

SSRI
- Strategy
- Research
- Innovation

SPFCO
- Performance
- Funding
- Contractualization
- Research organizations/ Funding Agencies

SITTAR
- Entreprises
- Technology Transfer
- Regional level activities

B1
Strategy for European Higher Education and Research Area

B2
Support to Higher Education and Research Organizations

B3
Strategy, Expertise and Management of International Cooperation Schemes

Directorate-General for Higher Education and Employability (DGESIP)

Expertise and advice for Higher Education Organizations

Higher Education strategy
(Courses, Employability, etc.)

Contractualization

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Evaluation and Management of International Cooperation Schemes (Pole Expertise Internationale)
1) International Strategy

- Contribute to the drafting of Research, Innovation and Higher Education international strategies (Links with French National Strategy for Higher Education and French National Strategy for Research and collaborations with Foreign Office, Alliances and Institutions)

Objective

- Increased visibility of French International priorities

Tools

- Build the best possible bilateral cooperation tools per country (strategic approach)
INTERNATIONAL STRATEGY RELYING ON FRENCH NATIONAL STRATEGY FOR RESEARCH AND FRENCH NATIONAL STRATEGY FOR HIGHER EDUCATION
French National Strategy for Research « France Europe 2020 »

**BIG DATA** An exceptional source of knowledge and growth

**EARTH OBSERVATION:** OBSERVATION, FORECAST, ADAPTATION Organize the collection and exploitation of Earth observation data to forecast the impact of climate change

**SYSTEMS BIOLOGY AND APPLICATIONS** Support new concepts related to the understanding of the living and develop medical and industrial applications

**FROM THE LABORATORY TO THE PATIENT** (From the bench to the bedside) Combine research carried out in laboratories, clinical research and innovation by the private sector for the benefit of patients

**HUMAN CULTURE** Study human culture and behaviour (individual and social aspects)
French National Strategy for Higher Education: «Fostering a learning society»

STRATEGIC TENETS

Build a learning society and strengthen our economy

Increase the European and international components of our higher education system

Boost social mobility and further social inclusion

Design 21st-century higher education

Respond to our young people's aspirations

MAIN LEVERS

Define a new higher education landscape

Listen to and support the men and women who work in higher education

Invest in a learning society

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2) Strengthening French Position

Strategy
- Contribute to the drafting of Research, Innovation and Higher Education international strategies (Links with French National Strategy for Higher Education and French National Strategy for Research and collaborations with Foreign Office, Alliances and Institutions)

Objective
- Increased visibility of French International priorities

Tools
- Build the best possible bilateral cooperation tools per country (strategic approach)
Implementation of French strategy

- Official Visits (Secretary of State, Minister, Prime Minister, President)
- Bilateral Forums: FR-Germany, FR-Brazil, FR-Poland, FR-Chile, FR-Mexico …
- Bilateral Joint Meetings: Russia, China or South Korea…
- H2020 (Multi-annual roadmaps for International cooperation, Challenge 6)
- Strategic Forum for International (Science and Technology) Cooperation
- High Level Dialogues (China, 5+5 Dialogue, EU-Africa…)
3) Which schemes?

Strategy

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Objective

- Increased visibility of French international priorities

Tools

- Build the best possible bilateral cooperation tools per country (strategic approach)
In collaboration with MAEDI / French Embassies

48 countries

70 programs

~ 3 400 applications per year

~ 12 M€ allocated budget (MAEDI, MENESR)

537 fellowships (PhD or Post-Doc)

96 fellowships (High Level researchers)
PHC IMHOTEP

STATISTICAL ANALYSES 2011-2016
COMPARISON APPLICANTS VS LAUREATES

PHC IMHOTEP 2011-2015

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DISTRIBUTION BASED ON SCIENTIFIC DOMAINS

PHC IMHOTEP 2011-2015

DS 1 Mathematics
DS 2 Physics
DS 3 Earth and Universe sciences, Space
DS 4 Chemistry
DS 5 Biology, Medicine, Health
DS 6 Humanities
DS 7 Societal sciences
DS 8 Engineering sciences
DS 9 Computer sciences
DS 10 Agronomy and Environment

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ANNUAL EVOLUTION OF APPLICATIONS AND SELECTIONS

APPLICATIONS

SELECTIONS

DS 1 Mathematics
DS 2 Physics
DS 3 Earth and Universe sciences, Space
DS 4 Chemistry
DS 5 Biology, Medicine, Health
DS 6 Humanities
DS 7 Societal sciences
DS 8 Engineering sciences
DS 9 Computer sciences
DS 10 Agronomy and Environment

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ANALYSIS OF RECIPROCAL MOBILITY 2010-2014

Total mobility

Reciprocal mobility

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GEOGRAPHICAL DISTRIBUTION OF EGYPTIAN LAUREATES
2011-2014

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