Programme

15:00 – 15:45  The FNR and its Funding Schemes 2016
   **Marc Schiltz**, Secretary General and Executive Head, FNR
   **Christiane Kaell**, Head of Unit – Thematic Research Programmes

15:45 – 16:00  Scientific Research and Data Protection
   **Arnaud Habran**, Commission Nationale pour la Protection des Données (CNPD)

16:00 – 16:30  Presentation of the External Evaluation of the CORE Selection Procedure
   **Dr. Chris L.S. Coryn**, Western Michigan University

16:30 – 17:00  Questions & Answers

17:00  Information stands on funding opportunities
       Drinks reception
Marc Schiltz

Secretary General & Executive Head
Fonds National de la Recherche

Christiane Kaell

Head of Unit, Thematic Research Programmes
Fonds National de la Recherche
What we do

The Luxembourg National Research Fund (FNR) is the main funder of research activities in Luxembourg.

Entrusted with an annual budget of 70 MEUR, we fund projects and people in all public research institutions and also support research cooperation with Luxembourg-based companies.

Our vision

To establish Luxembourg as a leading knowledge-based society through science, research and innovation, thereby contributing to the country’s economic diversification and future prosperity.
Our Mission

To set up a sustainable world-class research system in Luxembourg that will generate societal and economic impact in key strategic areas
Our key values

The FNR’s most highly valued criteria are **excellence and quality** in research. The FNR systematically submits funding requests to an assessment by **independent international experts** and implements the “Principles for Scientific Merit Review”, which embody the highest international standards of expert assessment, transparency, impartiality, confidentiality and integrity.
Our Bodies

Public body with financial and administrative autonomy

- Board of the FNR & scientific council appointed by the Government
- Executive head: Secretary general, appointed by the Board
- Executive agency (office): staff of 24
Peer review

1. Expert assessment of proposals
   • In general: 3 written assessments from international experts
   • Impartiality
   • Confidentiality

2. Scientific committees review and rank the proposals
   • Committees are composed of highly renowned international scientists

3. FNR takes the funding decisions in strict compliance with the expert recommendations and rankings
Projects in 2015

Submitted projects in 2015: 568

Reviews made in 2015: 947

Projects retained for funding in 2015: 187
FNR Funding Commitments 2014-2015

<table>
<thead>
<tr>
<th>118 FNR funded projects</th>
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<tbody>
<tr>
<td>61 CORE</td>
<td>34,75 MEUR</td>
</tr>
<tr>
<td>3 ATTRACT</td>
<td>5,34 MEUR</td>
</tr>
<tr>
<td>1 PEARL</td>
<td>4,98 MEUR</td>
</tr>
<tr>
<td>39 INTER</td>
<td>13,61 MEUR</td>
</tr>
<tr>
<td>9 POC</td>
<td>1,96 MEUR</td>
</tr>
<tr>
<td>3 KITS</td>
<td>0,85 MEUR</td>
</tr>
<tr>
<td>2 OPEN</td>
<td>1,00 MEUR</td>
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<table>
<thead>
<tr>
<th>22 INTER Mobility – 42 RESCOM – 107 PSP</th>
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</tr>
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<tbody>
<tr>
<td>22 INTER Mobility</td>
<td>1,90 MEUR</td>
</tr>
<tr>
<td>42 RESCOM</td>
<td>0,67 MEUR</td>
</tr>
<tr>
<td>106 PSP Classic</td>
<td>1,16 MEUR</td>
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<tr>
<td>1 PSP Flagship</td>
<td>0,37 MEUR</td>
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<table>
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<tr>
<th>183 AFR grants</th>
<th></th>
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<tbody>
<tr>
<td>125 AFR PhD</td>
<td>20,44 MEUR</td>
</tr>
<tr>
<td>58 AFR PDR</td>
<td>6,80 MEUR</td>
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FNR: Major changes in 2015

1. New FNR law in place
   • Greater autonomy
   • New board & scientific council
   • Possibility to award block grants for PhD’s

2. Launch of the first National Centre of Excellence in Research (NCER): Early diagnosis & stratification of Parkinson Disease

3. Launch of the first PRIDE call

4. Setting up a National Agency for Research Integrity

5. International cooperation beyond Europe
   • Singapore
   • RIKEN Japan

6. Strategic merit assessment in PEARL & ATTRACT programmes

7. Revised contract with the government -> additional budget
FNR: What is new in 2016

1. Results of the first PRIDE call will be announced
2. Programme OPEN to be restarted
3. Major new innovation programmes
   • CORE-PPP
   • AFR-PPP
   • Joint programmes with MECO
4. Launch of the National Agency for Research Integrity
5. New H2020 Widespread-Teaming call
6. Promoting Science
   • New “PSP Flagship” programme
FNR Funding Schemes 2016

INTER
FNR AWARDS
CORE JUNIOR
KITS
AFR PPP
CORE PPP
ATTRACT
AFR
OPEN
INTER-MOBILITY
PEARL
PRIDE
POC
RESCOM
SCIENCE IN SOCIETY & PSP
FNR Funding Schemes 2016

- Research Project Funding
- International Research Cooperation
- Strategic Research Priorities
- Talent Attraction and Capacity Building
- Innovation Programmes
- Promoting Science
Research project funding

CORE

CORE JUNIOR

OPEN
CORE and CORE Junior

Main FNR programme for project funding of high quality research projects in 5 priority domains:

• Innovation in Services
• Sustainable Resource Management in Luxembourg
• Materials Sciences (surfaces, sensors)
• Biomedical and Health Sciences
• Societal Challenges for Luxembourg

For established researchers (CORE)
For early career researchers (CORE junior)

• Project duration: 2-3 years
• 1 call per year: Deadline 21 April 2016
• Budget 2016: 17 MEUR
OPEN

Project funding **open to scientific fields** not covered in the CORE programme

- Supports established researchers to pursue innovative research projects in emerging research areas in Luxembourg
- Funding available for a limited number of high quality research projects
- Project duration: 2-3 years
- 1 call per year: Deadline 9 June 2016
- Budget 2016: 1,2 MEUR
International research cooperation

INTER

AFR Bilateral

INTER-MOBILITY
INTER

Project funding in the framework of for **bilateral or multilateral collaborations** built on joint research activities

- Luxembourg based researchers submit joint proposals with foreign colleagues
- Foreign project partners respect the rules of their funding agency
- Budget in 2016: 9 MEUR

New collaborations:
- Research Council of Norway: Deadline 25 May 2016

Ongoing calls in 2016:
- SNF, FWO, DFG, FWF, RCUK, NSF
- ERA-Nets, AAL, EUROSTARS
AFR-Bilateral

Strengthens the cooperation between Luxembourg and selected international research partners through PhD and Postdoc grants

• Currently no open call

• Note for the 2015 call: collaborative projects with e.g. Riken and Singapore – review ongoing
INTER Mobility

**Mobility stay or sabbatical** of researchers based in Luxembourg at a leading research institution abroad or mobility of researchers from abroad to integrate Luxembourg research teams

- Mobility period: between 6 weeks and 1 year
- 2 calls in 2016: Deadline 20 January and 30 June 2016
- Budget 2016: 0.6 MEUR
Strategic research priorities

PEARL
PEARL

Attracting *established leading researchers* from abroad in strategically relevant areas for Luxembourg

- Highly competitive programme
- Project duration: 5 years
- Budget: 3-4 MEUR per PEARL project
- 1 call per year: Deadline for the 2017 call is 15 October 2016

- Note for the 2016 call: review is ongoing
Talent Attraction and Capacity Building

ATTRACTION

AFR

PRIDE
Funding to attract outstanding researchers with high potential in strategic research areas in order to set up a research group in Luxembourg

- ATTRACT Starting Investigators
- ATTRACT Consolidating

- Project duration: up to 5 years
- 1 call per year: Deadline in January 2017 (t.b.c.)
- Budget in 2016: up to 1,5 MEUR for ‘Starting Investigators’ or 2 MEUR for ‘Consolidating Investigators’; Note for the 2016 call: review is ongoing
AFR Individual

Individual candidates to apply for PhD training in high quality research environments

- For PhD candidates in Luxembourg and abroad
- 1 call in 2016: Deadline 17 March 2016
- 25 grants to be allocated in 2016
- Budget in 2016: 4.5 MEUR
PRIDE

PRIDE allocates a **block of PhD grants** to selected *Doctoral Training Units* (DTU) in Luxembourg-based research institutions committed to high quality doctoral training

- Selection of successful PRIDE DTUs by March 2016
- Budget in 2016: 26,5 MEUR
- 1st PRIDE call: 135 PhD positions will be announced by the DTUs in 2016 and 2017
- Next PRIDE call in 2017
Innovation Programmes

CORE PPP

KITS

AFR PPP

POC
CORE PPP

Supports short- to mid-term collaborative research projects between public research institutions and companies with the aim of allowing products, processes, services, methods or organisation models to be improved, validated or created

- Co-funding by the company is required
- Project duration: 12 to 36 months
- Budget 2016: up to 3 MEUR (up to 0,5 MEUR per project)
AFR-PPP

Supports research collaborations between public research institutions and Luxembourg based companies through PhD and postdoc training

- PhD or postdoc candidates jointly submit their application with a public research institution and a company
- Budget in 2016: 2 MEUR for the two calls; up to 10 grants per year
Knowlege & Innovation Transfer Support Programme

Supports public research institutions in Luxembourg to attract and integrate highly skilled Technology Transfer Officers

• Project duration: up to 24 months
• 1 call in 2016: Deadline 3 November 2016
• Budget in 2016: 0,7 MEUR; up to 0,35 MEUR per project
POC

The Proof of Concept programme is FNR’s facilitation programme to **translate high impact research** into commercially viable innovations

- Projects should lead directly to the pre-commercialisation of novel technologies, concepts and products emerging from Luxembourg research institutions
- Domain coverage: Biomedical Sciences, Advanced Materials, Engineering, ICT
- Project duration: up to 18 months
- 2 calls in 2016: Deadline 7 April 2016 and 3 November 2016
- Budget in 2016: 2 MEUR
Promoting Science

SCIENCE IN SOCIETY & PSP

RESCOM
Science in Society and Promoting Science to the Public

Strengthens **interaction between science and society** through exchange platforms (e.g. Science Festival, Researchers Days), web and media platforms (science.lu, Mr Science), training in science communication

Funding for science outreach activities:

**PSP Classic:**
- 2 calls in 2016: Deadlines 1 March and 20 October 2016
- FNR co-financing up to 50,000 EUR per application per year
- Budget in 2016: 0.4 MEUR

**PSP Flagship:**
- Long-term science outreach activities to be launched in 2016
- Budget 2016/2017: 1.15 MEUR (3-4 projects)
Grants for the organisation of outstanding international scientific conferences (ISC) and lecture series (LS) in Luxembourg, as well as for scientific monographs

- Specific funding rules per activity
- 2 calls in 2016 for ISC and LS; Deadline 20 January and 30 June 2016
- Monographs: 2 months before printing of the work
- Budget in 2016: 0.3 MEUR
FNR General Guidelines

- Merit Review
- Research Integrity
- European Charter for Researchers
- Open Access
- Doctoral Training
- FNR Requirements for Principal Investigators and Supervisors
- FNR Communication Guidelines
## FNR Funding Schemes 2016

### FNR Funding by Career Stage

<table>
<thead>
<tr>
<th>PhD and intersectoral grants in Luxembourg and abroad</th>
<th>PhD</th>
<th>Postdoc &amp; Junior Researcher</th>
<th>Established Researcher</th>
<th>Leading Researcher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular project funding with thematic focus</td>
<td>AFR-PhD Grant</td>
<td>AFR-Postdoc Grant</td>
<td>CORE Junior*</td>
<td>CORE*</td>
</tr>
<tr>
<td>Multi-annual research programme</td>
<td></td>
<td></td>
<td>OPEN</td>
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<tr>
<td>Grants to establish research groups in Luxembourg</td>
<td></td>
<td>ATTRACT starting</td>
<td>ATTRACT Consolidator</td>
<td>PEARL</td>
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<tr>
<td>Grants to establish research groups in Luxembourg</td>
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<tr>
<td>Funding of bi- or multilateral research projects</td>
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<td></td>
<td>INTER</td>
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<tr>
<td>Secondments and research stays in Luxembourg and abroad</td>
<td></td>
<td></td>
<td>INTER MOBILITY</td>
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<tr>
<td>Support for research communication</td>
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<td></td>
<td>RESCOM**</td>
<td></td>
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<tr>
<td>Research-Intensive Doctoral Education</td>
<td>PRIDE</td>
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<tr>
<td>Support for promoting science to the public</td>
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<td>PSP</td>
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<tr>
<td>Facilitation of the commercialisation of innovations</td>
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<td>PROOF-OF-CONCEPT</td>
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<tr>
<td>Knowledge &amp; innovation transfer support</td>
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<td></td>
<td>KITS</td>
<td></td>
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<tr>
<td>Public-Private Partnerships</td>
<td>AFR PPP PhD</td>
<td>AFR PPP Postdoc</td>
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<td></td>
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<tr>
<td>Public-Private Partnerships</td>
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<td>CORE-PPP</td>
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*In general, collaborative projects with German, Swiss and Austrian partners are possible through funding agreements with e.g. DFG, SNF and FWF; ICT: possible collaboration with Poland; Biomed: possible collaboration with EMBL.

**The organiser/applicant has to be a public institution or a public body with a research mission in Luxembourg or a non-profit association pursuing activities of a scientific nature in Luxembourg.*
FNR Funding Schemes – General process & Key take-away messages

1. Information on open calls are published on the FNR website
   www.fnr.lu/funding-instruments
2. Each funding scheme has its own requirements, specificities and deadlines
3. Selection process is similar to all funding schemes:
   Submission ➔ Eligibility check ➔ Peer review ➔ Funding decision
4. A variety of funding opportunities for different types of beneficiaries
5. Use them strategically
6. FNR appreciates to give advice
7. Keep yourself updated by registering to FNR info on our website
8. Consult the FNR websites www.fnr.lu and the www.science.lu
Scientific Research and Data Protection

Arnaud Habran

Commission Nationale pour la Protection des Données (CNPD)
Presentation of the External Evaluation of the CORE Selection Procedure

Dr. Chris L.S. Coryn

Western Michigan University
Questions & Answers