University of Luxembourg

Key Performance Indicators 2018

Solicited under the "Contrat d'Etablissement Pluriannuel entre l'Etat et l'Université du Luxembourg 2018-2021"
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Publication intensity
- 134.5% of annual goal

First quartile publications
- 39.5% to 4-year goal

Top 10% publications
- 48.5% to 4-year goal

Joint publications with other LIs
- 37.0% to 4-year goal

New ERC grants
- 37.5% to 4-year goal

Ph.D. degrees awarded
- 31.8% to 4-year goal

Patents submitted
- 70% to 4-year goal

PPP-funded doctoral candidates and postdoctoral researchers
- 51.1% to 4-year goal

Competitive funding - National
- 20.1% to 4-year goal

Competitive funding - International (H2020 / FP9)
- 29.1% to 4-year goal

Collaborative funding
- 23.5% to 4-year goal

Mobility ECTS
- Average ECTS goal maintained

Accreditation
- 16.7% to 4-year goal

Female full professors
- 16.6% to 4-year goal
Research and Development Indicators
Publication intensity

**Intensité de publication:** nombre de publications scientifiques à comité de lecture scientifique par chercheur par année

134.5% of annual goal

Number of publications in 2018 and number of publications by researcher versus contractual goal

Number of publications in 2018, by type of publication

Goal 18/21
1.6 annually
Premier quartile Q1 : nombre d’articles scientifiques publiés dans des revues de premier quartile, basé sur le facteur d’impact normalisé du champ

39.5% to 4-year goal
Top 10% publications

Top 10%: nombre d’articles scientifiques publiés dans des revues classées dans le top 10%, basé sur le facteur d’impact normalisé du champ

48.5% to 4-year goal

Number of top 10% peer-reviewed publications by year versus contractual goal

Goal 18/21
1000
Publications conjointes: nombre de publications scientifiques [...] conjointes entre au moins un auteur de l'Université et [...] un auteur d'une ou plusieurs institutions de recherche luxembourgeoises.
List of research projects awarded an ERC grant, by researcher name and grant type

<table>
<thead>
<tr>
<th>Researcher name</th>
<th>Grant type</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coron, Jean-Sebastien</td>
<td>Advanced</td>
<td>CLOUDMAP: Cloud Computing via Homomorphic Encryption and Multilinear Maps</td>
</tr>
<tr>
<td>Brida, Daniele</td>
<td>Consolidator</td>
<td>Ultrafast Tunneling Microscopy by Optical Field Control of Quantum Currents – UpTEMPO</td>
</tr>
<tr>
<td>Leist, Anja</td>
<td>Starting</td>
<td>Cognitive Aging: From Educational Opportunities to Individual Risk Profiles - CRISP</td>
</tr>
</tbody>
</table>

37.5% to 4-year goal

Goal 18/21

8
Ph.D. degrees awarded

Thèses soutenues : *nombre de thèses soutenues*

31.8% to 4-year goal

821 total PhD registrations in winter term 2018/19 (of which 94 contracted with Luxembourgish research institutions)

Number of Ph.D. degrees awarded versus contractual goal

Goal 18/21

400

Number of Ph.D. degrees awarded by discipline as defined under the Frascati manual*

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Natural sciences</th>
<th>Engineering and technology</th>
<th>Medical and health sciences</th>
<th>Social sciences</th>
<th>Humanities and the arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016/2017</td>
<td>152</td>
<td>13</td>
<td>51</td>
<td>22</td>
<td>53</td>
<td>13</td>
</tr>
<tr>
<td>2017/2018</td>
<td>127</td>
<td>26</td>
<td>40</td>
<td>18</td>
<td>33</td>
<td>10</td>
</tr>
</tbody>
</table>

* 0 observations for Agricultural and veterinary sciences and as such left out from the table.
Patents filed

Brevets soumis: Nombre de brevets soumis OLB ou OEB ou OAB

70% to 4-year goal

Total number of patents filed, per year and cumulative, versus contractual goal

Goal 18/21
20


Patents filed
PPP-funded doctoral candidates and postdoctoral researchers

Partenariats : nombre de doctorants et post-doctorants en PPP (Industrial Fellowships, BRIDGES) nouvellement acquis

51.1% to 4-year goal

Total number of PPP positions, per year and type of fellowship, versus contractual goal

Goal 18/21
45
Financial Indicators
Competitive funding – National

Financement compétitif national *(en millions d’euro)*

**20.1% to 4-year goal**

Total revenues (in euros) from national competitive funding sources by year versus contractual goals

- **Cumulative goal**
- **Indicative yearly goal**
- **Revenues in euros**

Goal 18/21

150
Competitive funding – International

Financement compétitif international (*en millions d’euro*)

29.1% to 4-year goal

Total revenues (in euros) from international competitive funding sources by year versus contractual goals

*Of which 97,090 euros from the FNRS (Belgique) and EU Research fund for Coal and Steel. All other funds from the H2020 or FP7.
Collaborative funding

Financement collaboratif (en millions d’euro)

23.5% to 4-year goal

Total revenues (in euros) from collaborative funding sources by year versus contractual goals

Goal 18/21 68

Revenues in euros

Indicative yearly goal

Cumulative goal

14 Mio 16 Mio 18 Mio 20 Mio

2018 2019 2020 2021

Cumulative goal
Other Indicators
**Mobility ECTS**

Moyenne de crédits ECTS validés comme crédits obtenus pendant le parcours de mobilité [...] par les étudiants inscrits dans les programmes d'études menant au grade de bachelor pendant leur semestre de mobilité

**Average ECTS goal maintained**

25.09 ECTS

Average number of credits registered for outgoing students in academic year 17/18

**Goal 18/21**

25

**Distribution of outgoing students by number of ECTS registered during a mobility semester in academic year 2017/2018**

- 36+
- 31-35
- 26-30
- 21-25
- 16-20
- 11-15
- 6-10
- 0-5

Percentage of all outgoing students with registered ECTS
**Accreditation**

*Accréditation par une agence inscrite à l’EQAR ou par AACSB, EQUIS, AMBA d’un [...] bachelor et d’un [...] master par faculté*

- **Goal 18/21**
  - 6

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**Number of accredited programmes by faculty and degree level**

<table>
<thead>
<tr>
<th>Bachelor programmes</th>
<th>Master programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSTC</td>
<td>0</td>
</tr>
<tr>
<td>FDEF</td>
<td>0</td>
</tr>
<tr>
<td>FLSHASE</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

**16.7% to 4-year goal**

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**List of accredited study programmes by agency and end year validity***

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Study programme</th>
<th>Agency</th>
<th>Status</th>
<th>End year validity</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDEF</td>
<td>MSc in Finance and Economics</td>
<td>FIBAA</td>
<td>Accredited</td>
<td>Winter semester 2020/2021</td>
</tr>
<tr>
<td>FDEF</td>
<td>MSc in Quantitative Economics and Finance</td>
<td>FIBAA</td>
<td>Accredited</td>
<td>Winter semester 2020/2021</td>
</tr>
<tr>
<td>FDEF</td>
<td>Master in Entrepreneurship and Innovation</td>
<td>FIBAA</td>
<td>Accredited</td>
<td>Winter semester 2020/2021</td>
</tr>
<tr>
<td>FDEF</td>
<td>Master in Accounting and Audit</td>
<td>FIBAA</td>
<td>Accredited</td>
<td>Winter semester 2020/2021</td>
</tr>
<tr>
<td>FDEF</td>
<td>Master in Wealth Management</td>
<td>FIBAA</td>
<td>Accredited</td>
<td>Winter semester 2020/2021</td>
</tr>
</tbody>
</table>

* A contract was signed with FIBAA last autumn for the accreditation of six masters programmes in law at the Faculty of Law, Economics and Finance. Submissions for the process will be made in second half 2019.
Augmentation de 30% (par rapport à la situation au 31 décembre 2017) de la proportion des femmes professeurs ordinaires [...] au nombre total de professeurs ordinaires

**Goal 18/21**
30% increase

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**Share of female full professors among all full professors, as percentage (headcount)**

- **Goal 18/21**
- 2016: 15.36%
- 2017: 15.36%
- 2018: 16.44%
- 2019: 17.51%
- 2020: 18.58%

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**Total arrivals/departures of full professors in 2018 by gender**

<table>
<thead>
<tr>
<th>Gender</th>
<th>Arrival*</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Male</td>
<td>8</td>
<td>3</td>
</tr>
</tbody>
</table>

*Also includes promotions through the former "nomination par appel" for internal candidates*