Key Performance Indicators

solicited under the "Contrat d'Etablissement Pluriannuel entre l'Etat et l'Université du Luxembourg 2010-2013"
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EU research funding

EU revenues as a percentage of total external revenues:
- 2009: 8.2%
- 2010: 12.9%
- 2011: 9.8%
- 2012: 11.0%
- 2013: 10.8%

Target 10% is indicated by a red line.

External research revenues

- 2009: €12.68 million
- 2010: €16.26 million
- 2011: €18.86 million
- 2012: €27.20 million
- 2013: €30.17 million

Other partners, FNR, European projects, Chairs categories are shown.

FNR revenues

- Aides à la Formation Recherche: 47%
- CORE: 37%
- Mesures d'accompagnement: 9%
- Autres projets: 6%
- ATTRACTION: 7%

Total: €21.2 million EUR

Comments:
- EU external revenues exceeded the objective of reaching at least 10% of the total external revenues (3.4 million €, +13% vs. 2012)
- External research revenues reached 30.17 million € in 2013, up by more than 10% in comparison to 2012.
- The FNR is the largest source of external research revenues representing a total of 21.2 million € in 2013. The largest share of funding originates from the "AFR-Aides à la Formation Recherche" (9.9 million €, +15% since 2012) and CORE projects (7.7 mio €, +50% since 2012).
**Research indicators**

**Total number of Chairs in 2013**
- 9 on-going chair agreements

**Number of publications**
- 341 refereed conference proceedings as of 31.12.2011
- 391 refereed journals as of 31.12.2011
- 385 refereed journals as of 31.12.2013
- 465 refereed journals
- 633 refereed journals as of 31.12.2013

**Art 4. Le nombre de livres publiés et édités : 90**
- 81 in 2010
- 67 in 2011
- 64 in 2012
- 84 in 2013

**Published books**
- Total number of books published: 296 since 2010

**COMMENTS**

- In 2013, UL held 9 on-going chair agreements conveying 0.9 million € revenues to research activities,
  - 4 chairs with private partners (Company ATOZ Tax Adviser, SES S.A., ArcelorMittal, Deutsche Bank Luxembourg S.A.)
  - 3 chairs with institutional partners (City of Luxembourg and two FNR-PEARL Research programmes)
  - 2 international chairs ("Chaire Jean Monet en Histoire européenne contemporaine", Chaire UNESCO en Droits de 'Homme")

- 1016 refereed publications have been published in 2013, representing an increase by 19% vs. previous year

- Since 2010, UL researchers published or edited a total of 296 books, largely exceeding the target of 90.
Research indicators

**Publications per researcher**

<table>
<thead>
<tr>
<th>Year</th>
<th>Refereed Publications</th>
<th>Conference Proceedings</th>
<th>Researchers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>726</td>
<td>326</td>
<td>1016</td>
</tr>
<tr>
<td>2011</td>
<td>817</td>
<td>343</td>
<td>1016</td>
</tr>
<tr>
<td>2012</td>
<td>856</td>
<td>386</td>
<td>1016</td>
</tr>
<tr>
<td>2013</td>
<td>1016</td>
<td>389</td>
<td>1016</td>
</tr>
</tbody>
</table>

**Publication Ratio**

- 2010: 2.23
- 2011: 2.38
- 2012: 2.24
- 2013: 2.61

**Number of citations - Web of Science**

<table>
<thead>
<tr>
<th>Year</th>
<th>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>289</td>
</tr>
<tr>
<td>2008</td>
<td>554</td>
</tr>
<tr>
<td>2009</td>
<td>927</td>
</tr>
<tr>
<td>2010</td>
<td>1305</td>
</tr>
<tr>
<td>2011</td>
<td>1943</td>
</tr>
<tr>
<td>2012</td>
<td>2477</td>
</tr>
<tr>
<td>2013</td>
<td>3491</td>
</tr>
</tbody>
</table>

**COMMENTS**

- The number of refereed publications increased (+19%), while the number of researchers has remained essentially stable. The number of refereed publications per researcher remains over the fixed target of 2 publications per researcher.

- The number of citations of UL publications continues to grow. The systematic cataloging of all publications into the ORBlu database increased the robustness of data acquisition and reporting very substantially.
Art. 6

**Bologna Index : le taux visé d'étudiants inscrits dans les formations de master et de doctorat est de 37% des étudiants inscrits dans les formations « Bologne ».**

### Academic Affairs

**Number of students versus time** (winter semesters; guest students excluded)

- **W-07/08**: 2978
- **W-08/09**: 4137
- **W-09/10**: 4517
- **W-10/11**: 4934
- **W-11/12**: 5177
- **W-12/13**: 5686
- **W-13/14**: 6157

**Total University registrations: growth rate** (Semester, Semester-1; guest students excluded)

- **W-07/08-W-08/09**: -6.5%
- **W-08/09-W-09/10**: 2.0%
- **W-09/10-W-10/11**: 4.9%
- **W-10/11-W-11/12**: 9.8%
- **W-11/12-W-12/13**: 10.6%
- **W-12/13-W-13/14**: -2.1%

**Bologna Index**

- **W-06/07**: 18.6%
- **W-07/08**: 21.1%
- **W-08/09**: 22.9%
- **W-09/10**: 27.0%
- **W-10/11**: 28.9%
- **W-11/12**: 31.6%
- **W-12/13**: 31.8%
- **W-13/14**: 34.4%

**Goal: 37%**

- **Total registrations**
- **New students**

**COMMENTS**

- The number of students remained almost stable, confirming last year’s observed stabilisation in student population.
- 6157 students registered in winter semester 2013/2014 (guest students excluded). A significant drop of 7.9% was observed in new students registrations.
- Bologna students:
  - 3288 (-4%) Bachelor students
  - 1183 (+4%) Master students
  - 545 (+19%) PhD students
- Non-Bologna students:
  - 1141 (-9%) enrolled in non-Bologna educational programmes.
- The Bologna index, which is the total number of PhD and master students over total Bologna students, increased again to attain 34.4%, almost reaching the target of 37%, characterizing the research-oriented nature of the University.
180 ECTS
Bachelor graduation rate
Graduation rate up to 2014, Bachelor full time students

240 ECTS
Bachelor graduation rate
Graduation rate up to 2014, Bachelor full time students

COMMENTS

- The limit of 22 teaching units per student has been respected.

- The graduation rate of Bachelor students has remained stable for the last three years, two times lower than the fixed target.

- The graduation rate of the only 240 ECTS bachelor reached the objective of 80%. The strict selection of students within this educational programme has a positive effect on the high level of success of its students.

Methodological note: in computing expected graduation rate, a caution principle is applied resulting in an underestimation of the final graduation rate; some students can exit for one or more semesters and continue their studies later on.
**Graduation rate**

- **Master 60 and 120 ECTS**

**Cumulated Master degrees awarded over 3 years**

<table>
<thead>
<tr>
<th>Year</th>
<th>2009/10</th>
<th>2010/11</th>
<th>2011/12</th>
<th>2012/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd cohort</td>
<td>232</td>
<td>519</td>
<td>785</td>
<td>1154</td>
</tr>
</tbody>
</table>

**Master recruitment rate**

- **W-11/12**
  - Admitted: 1549
  - Refused: 790
  - Recruitment rate: 33.8%

- **W-12/13**
  - Admitted: 1673
  - Refused: 680
  - Recruitment rate: 28.9%

- **W-13/14**
  - Admitted: 1233
  - Refused: 854
  - Recruitment rate: 40.9%

**Graduation rate**

- **Master 60 and 120 ECTS**

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Graduation rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-09</td>
<td>81.5%</td>
</tr>
<tr>
<td>09-10</td>
<td>76.3%</td>
</tr>
<tr>
<td>10-11</td>
<td>72.5%</td>
</tr>
</tbody>
</table>

**COMMENTS**

- The target of 1100 cumulated awarded Master degrees over four years has been surpassed, reaching 1154.
- The recruitment rate for Master programmes is within 40%, despite a lower number of applicants in comparison to previous years.
- Since three years, the graduation rate remains very satisfactory, proving that selection of students before admission has a positive impact in reducing student attrition.
# Academic Affairs - Ph.D.

<table>
<thead>
<tr>
<th>Ph.D. degrees awarded cumulated over 3 years</th>
<th>2009-2010</th>
<th>2010-2011</th>
<th>2011-2012</th>
<th>2012-2013</th>
<th>Goal 190</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD degrees</td>
<td>45</td>
<td>110</td>
<td>57</td>
<td>64</td>
<td>231</td>
</tr>
</tbody>
</table>

# Academic Affairs - Lifelong learning

**Bachelor and Master adult students (aged >30)**

| W-13/14 | 10,3% growth rate vs. previous year | +1% |

**Part-time students**

| W-13/14 | 121 growth rate from previous year | +18% |

**Bologna Lifelong Learning programmes**

- FSTC Master en Management de la Sécurité des Systèmes d’Information (P)
- FSTC European Master in Small Animal Veterinary Medicine (P)
- FDEF Master en Entrepreneurship and Innovation (P)
- FDEF Master of Science in Banking and Finance (P)
- FDEF Master in Wealth Management (P)
- FLSHASE Master en Gérontologie (P)
- FLSHASE Master in Management und Coaching im Bildungs- und Sozialwesen (P)
- FLSHASE Master in Psychotherapy (P)
- FLSHASE Master en Médiation (P)
- FSTC Certificate - Principles of Biobanking
- FSTC Certificate in Small Animal Veterinary Medicine
- FDEF Formation complémentaire des Réviseurs d’Entreprises
- FDEF Formation complémentaire des Experts-Comptables
- FLSHASE Formation continue en Aménagement du Territoire
- FLSHASE Zertifikat Management und Coaching im Bildungs- und Sozialwesen : Pädagogik
- FLSHASE Formation continue « Lëtzeburger Sprooch a Kultur »

**Other Lifelong Learning programmes**

| W-13/14 | 192 growth rate vs. previous year | -14% |

**Guest students**

- W-13/14 192 growth rate vs. previous year -14%

## COMMENTS

- A target of 190 awarded Ph.D. degrees was fixed in the 4-year plan. At the end of 2013, 231 PhD degrees have been awarded, largely surpassing the objective.

- The University continues to develop vocational and lifelong learning educational programmes in order to accommodate the time limitations of mature students and professionals, allowing them to study part-time.

- 192 guest students registered in winter semester, a slight decline in comparison to the previous year.
La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants :

**Patents**
- Nombre de brevets : 12

**Licences**
- Nombre de licences : 2

**COMMENTS**
- University research output led to 12 on-going patents, filed in Luxembourg.
- Two licenses have been obtained in 2013.
Art. 14 (3)
L'Université favorise l'accueil d'étudiants étrangers dans le cadre de partenariats. Le taux visé d'étudiants sortants/étudiants rentrants est de 2/1.

Non-commuting mobility

Art. 14 (2)
Un taux de 70% de mobilité des étudiants au-delà de la Grande-Région est visé.

More than 25 ECTS was acquired by the students during their mobility stay in partner universities, respecting the required target.

COMMENTS

● The reciprocity between outgoing and incoming mobility increased last year. This result is substantial considering the compulsory outgoing mobility semester for all bachelor students.

● Non-commuting mobility (outside the Greater region) surpassed the target of 70%. This results from a continuous effort in controlling, stimulating and promoting non-commuting students mobility.

Report on contract fulfillment: Key Indicators 2013
The University continues to increase its international profile, for both its personnel and student bodies.

Note: mobile/domestic calculations are done using UNESCO-OECD-EUROSTAT data collection on education systems. Mobile students are non-residents of their country of study or those who received their secondary education in another country.
Internationality

**Bachelor students W-13/14**
- **Domestic**: 83
- **Mobile**: 72
- **Others foreigners**: 19
- **Others foreigners**: 9

**Master students W-13/14**
- **Domestic**: 139
- **Mobile**: 131
- **Others foreigners**: 19
- **Others foreigners**: 9

**Ph.D. students W-13/14**
- **Domestic**: 139
- **Mobile**: 131
- **Others foreigners**: 19
- **Others foreigners**: 9

**Comments**
- Ph.D. and Master programmes attract a large proportion of mobile students.
- Bachelor programmes attract essentially non-mobile students, representing more than 2/3 of the bachelor student population.
Internationality

International versus Domestic

Other programmes students W-13/14

Portuguese nationals

% of students with Portuguese nationality on total students

Goals 8%

Nationals from neighbouring countries

% of students with Belgian, German, French nationality on total students

Comments

- Non-Bologna programmes attract a large number of international students from neighbouring countries and from Europe on the whole.
- Portuguese nationals remain a fraction of the students of the University.
- More than a quarter of UL students are from one of Luxembourg's neighbouring countries.

Report on contract fulfilment: Key Indicators 2013
## Organisation

### External revenues

*Art. 18 (3)*

-Outre la dotation globale, l'Université vise une croissance de 76% du financement externe par rapport à l'exercice 2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Revenues (Millions)</th>
<th>Self Financing</th>
<th>State Contribution</th>
<th>External Source of Revenues</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>86.03</td>
<td>12.69</td>
<td>3.76</td>
<td>70.59</td>
</tr>
<tr>
<td>2010</td>
<td>100.74</td>
<td>16.27</td>
<td>3.95</td>
<td>84.78</td>
</tr>
<tr>
<td>2011</td>
<td>114.17</td>
<td>20.12</td>
<td>5.96</td>
<td>87.98</td>
</tr>
<tr>
<td>2012</td>
<td>116.78</td>
<td>30.61</td>
<td>6.46</td>
<td>80.32</td>
</tr>
<tr>
<td>2013</td>
<td>128.69</td>
<td>31.49</td>
<td>7.63</td>
<td>90.33</td>
</tr>
</tbody>
</table>

**Target as of 2013**: €22,33 mio

### Total revenues

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Revenues (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>86,03</td>
</tr>
<tr>
<td>2010</td>
<td>100,74</td>
</tr>
<tr>
<td>2011</td>
<td>114,17</td>
</tr>
<tr>
<td>2012</td>
<td>116,78</td>
</tr>
<tr>
<td>2013</td>
<td>128,69</td>
</tr>
</tbody>
</table>

**Comments**

- Up to 2013, UL revenues increased to reach a maximum of 31,49 million €, surpassing the 4-year plan target of 22,33 million € by 40%.
- Total revenues increased by 9.1% in 2013 compared to previous year. This increase has been supported by the contribution of the State of Luxembourg, with an increase of 11,91 million €.
**Organisation**

### Accommodation units (beds)

<table>
<thead>
<tr>
<th>Year</th>
<th>W-10/11</th>
<th>W-11/12</th>
<th>W-12/13</th>
<th>W-13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>427</td>
<td>431</td>
<td>550</td>
<td>529</td>
</tr>
<tr>
<td>2011</td>
<td>427</td>
<td>431</td>
<td>550</td>
<td>529</td>
</tr>
<tr>
<td>2012</td>
<td>427</td>
<td>431</td>
<td>550</td>
<td>529</td>
</tr>
<tr>
<td>2013</td>
<td>427</td>
<td>431</td>
<td>550</td>
<td>529</td>
</tr>
</tbody>
</table>

Goal in 2013: 600

### Equal opportunities

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>20.0%</td>
<td>21.9%</td>
<td>23.6%</td>
<td>26%</td>
</tr>
</tbody>
</table>

Goal in 2013: 23%

### % of female academic staff

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Composition of academic staff by level

- Professor: 52%
- Assistant professor: 29%
- Chargé d’enseignement: 0%
- Chargé de cours: 16%
- Attract Fellow: 5%

**COMMENTS**

- Student accommodation remained almost stable in 2013, awaiting for moving to Belval where 175 new accommodation units (beds) will be available in September 2014.
- The University maintained its effort to increase the number of women among academic staff.
### Organisation

#### Equal opportunities

<table>
<thead>
<tr>
<th>% of male administrative staff</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26.9%</td>
<td>25.9%</td>
<td>24.1%</td>
<td>30.1%</td>
</tr>
</tbody>
</table>

#### Public understanding of Science and Technology

- 2 "Grandes conférences"
- 16 "Jeudi des Sciences"
- 3 series of courses "Amphi ouvert"
- 1 seminar "Uni@Lycées"
- 1 colloquium "Henri VII in Rom"
- 1 summer school "Leonardo" for pupils
- Guest students activity "open@uni.lu"
- Participation in the pilot project "CERCo - Construire Ensemble une Région de la Connaissance"

#### Cell for Sustainable Development

- M-Pass for personnel
- Open workshop on a UL transport policy
- Set-up of a UL working group on sustainable transport
- OECD Project exploring potential indicators for local transition to a low economy in Belval

#### Multilingualism

<table>
<thead>
<tr>
<th>Activities</th>
<th>31 language courses for personnel (280 participants)</th>
<th>15 language courses for students (220 participants)</th>
</tr>
</thead>
</table>

### Comments

- The number of male individuals within the administrative staff increased in 2013 to reach 30.1% (+25%).

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Report on contract fulfilment: Key Indicators 2013