

University of Luxembourg

Key Performance Indicators 2017

solicited under the "Contrat d'Etablissement Pluriannuel entre
l'Etat et l'Université du Luxembourg 2014-2017"

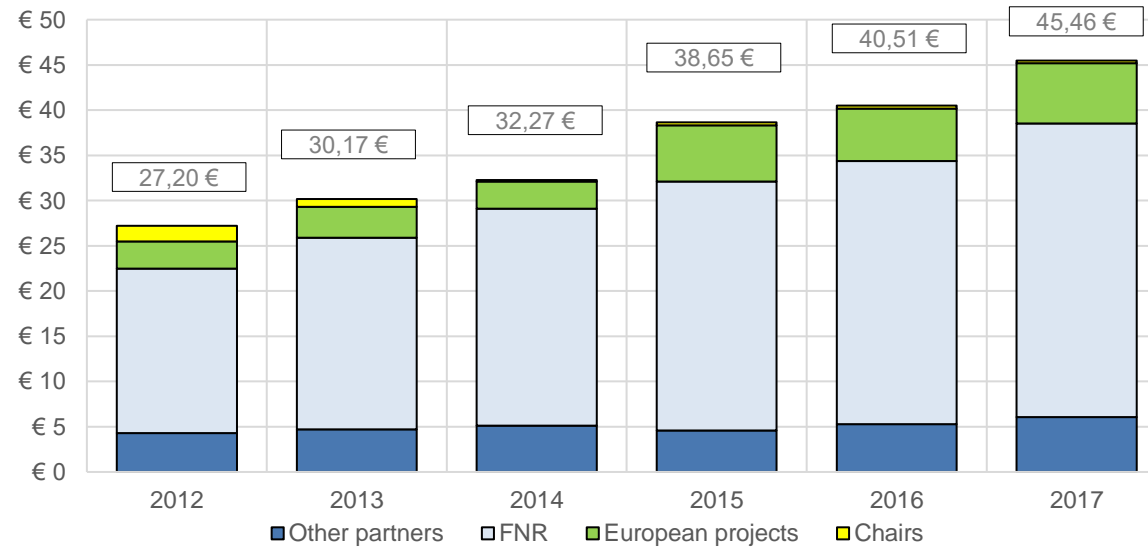
Table of contents

Research Indicators	1
EU research funding	1
External research revenues	1
FNR revenues, detail	2
Chairs	2
Number of publications	2
Published books	3
Publications per researcher	3
Number of citations - Web of Science	4
Ph.D. degrees awarded	4
ERC grant	5
Impact factor	5
Intellectual property	6
Patents	6
Licenses	6
Spin-off	6
Academic Affairs	7
Total University registrations	7
Total University registrations: growth rate	7
Number of Bachelor programmes	8
Bologna index	8
Teaching units	8
Registrations threshold	9
European criteria	9
Learning outcomes	9
Joint degrees	9
Tutoring	10
Pedagogical chart	10
E-learning	10
Multilingualism	10
Awarded Bachelor degrees	11
Awarded Master degree	11
Master recruitment rate	12

Employability	13
Employability	13
Graduation ..and now?	13
Graduation Rate	14
180 ECTS Bachelor graduation rate	14
240 ECTS Bachelor graduation rate	14
Graduation rate Master 60 and 120 ECTS	15
Mobility	16
Mobility ratio	16
Non-commuting mobility	16
Mobility ECTS	16
Internationality	17
Staff composition and nationalities	17
International agreements	17
UL students nationalities	17
Master students nationalities	18
Bachelor students nationalities	18
Ph.D students nationalities	18
Other programmes nationalities	19
Organisation	20
External revenues	20
Total revenues	20
Salary Mass	21
Composition of academic staff	21
Equal opportunities	21-22
Accommodation units	22

Research indicators

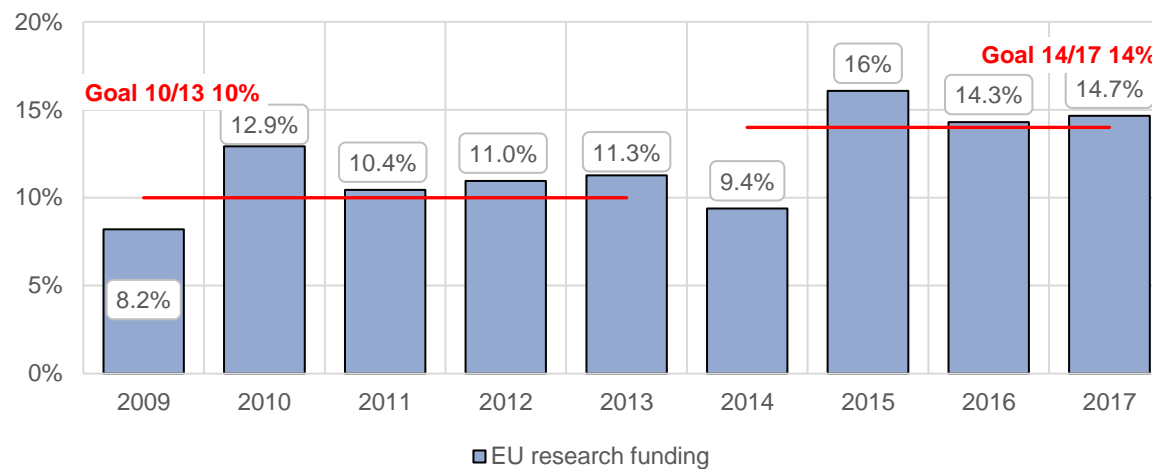
External research revenues (millions of Euro)



Based on realised amount as of 31.12.2017.

EU research funding

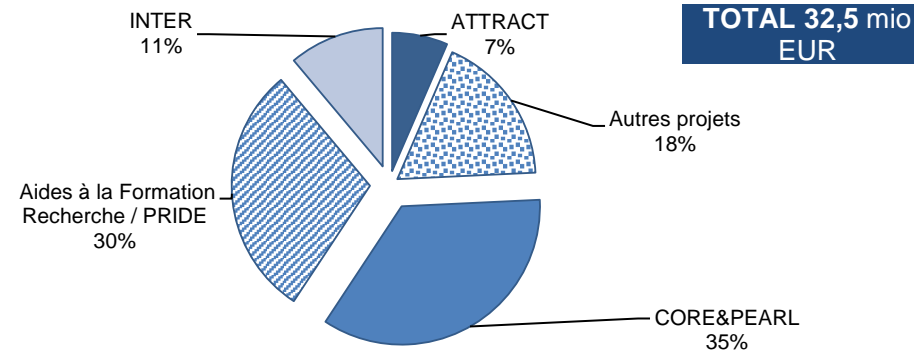
Art.17(4) Pour le financement externe de la mission de recherche, l'Université s'engage sur un taux de 14% provenant des programmes de recherche 7e programme cadre et Horizon 2020 de l'Union Européenne



Note: The goal relates to the figure stated in the *Contrat d'Etablissement révisé 2014-2017*.

Research indicators

FNR revenues, detail



Based on realised amount as of 31.12.2017.

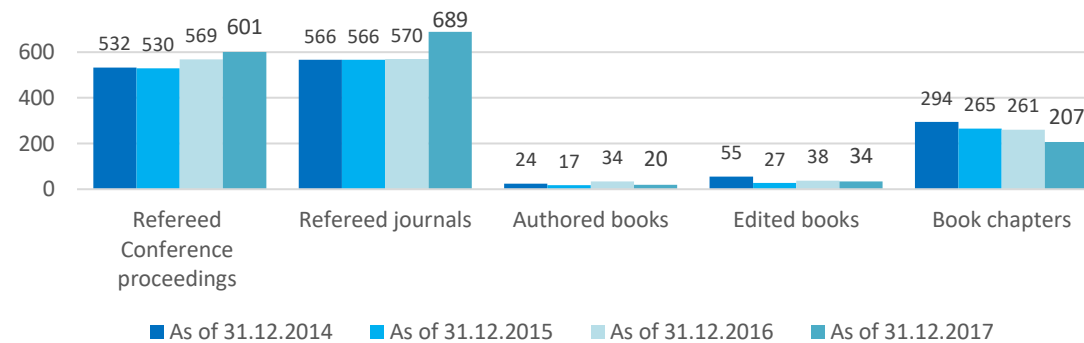
The FNR is the largest source of external research revenues representing a total of 32,5 millions € in 2017.

Chairs

Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : [...]le nombre de chaires professorales : 5

- ArcelorMittal
- ATOZ
- PayPal PEARL Chair (UL, FNR, PayPal Holdings Inc.)
- SES
- UNESCO
- Ville d'Esch/Alzette
- Appui au Développement Autonome a.s.b.l. (ADA)
- European Central Bank, BCL, Clearstream International S.A., Allen & Overy LLP, Deloitte General Services Sàrl, Brown Brothers Harriman, Lombard Odier (Europe) S.A., State Street Bank Luxembourg SCA

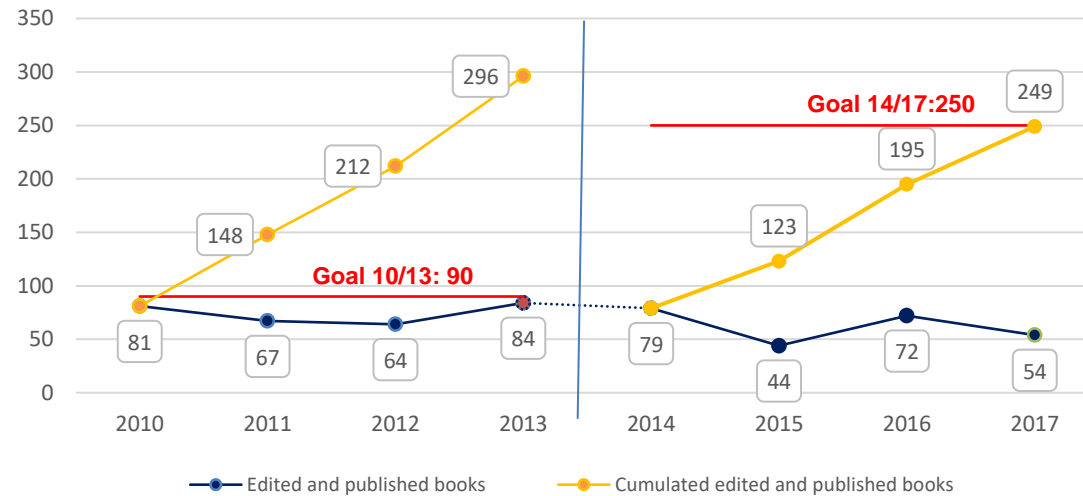
Number of publications



Research indicators

Published books

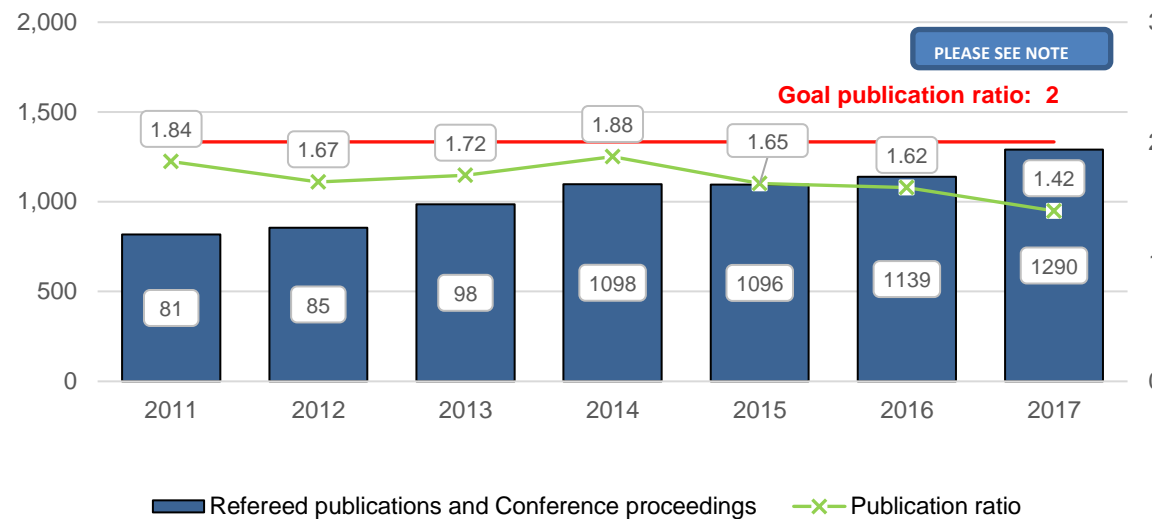
Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : [...] Le nombre de livres publiés et édités : 250



Note: The goal relates to the figure stated in the Contrat d'Etablissement révisé 2014-2017.

Publications per researcher*

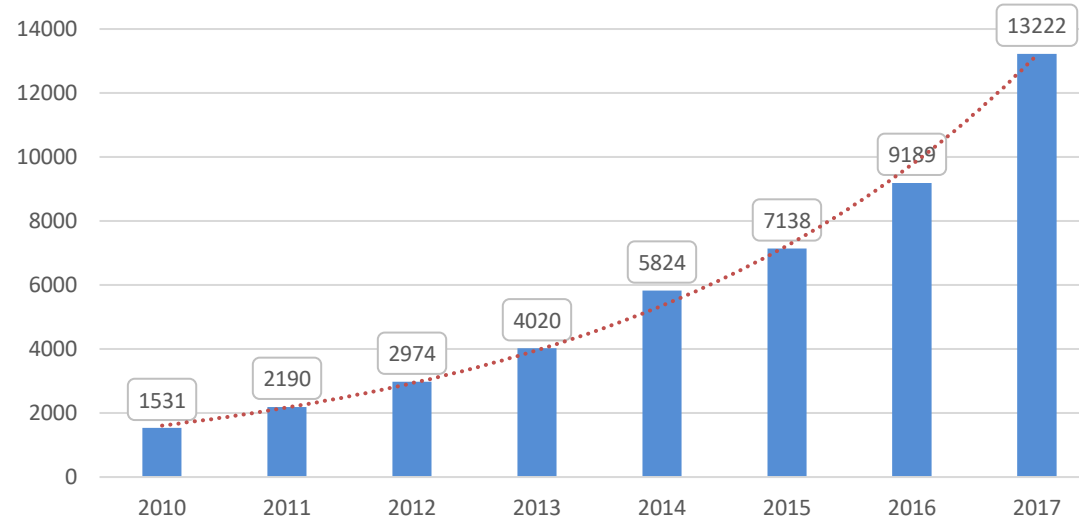
Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : [...] L'intensité de publication dans des revues ou « proceedings » à comité de lecture : 2 publications par année et par enseignant-chercheur en équivalent « recherche ETP ».



* **NOTE:** The difference in the publication ratio between 2016 and 2017 may be attributed to a change in methodology to include a broader definition of researchers.

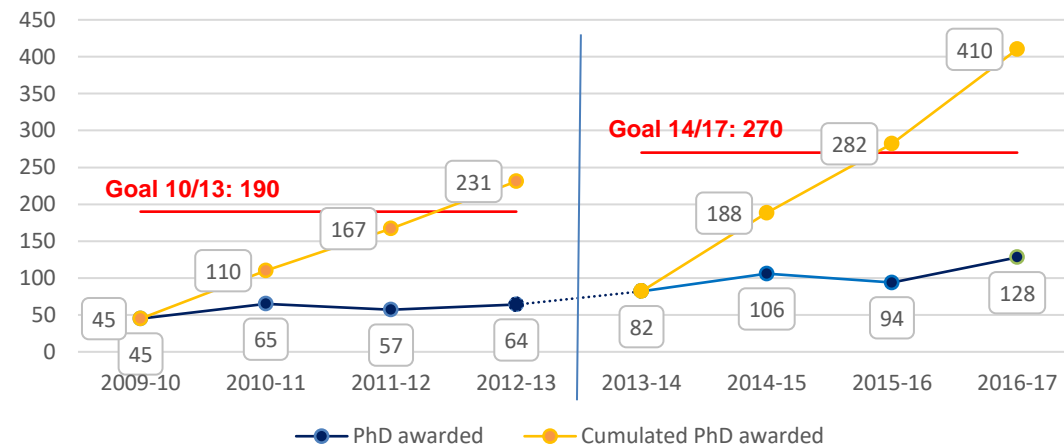
Research indicators

Number of citations - Web of Science



Ph.D. degrees awarded

Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : [...] le nombre de theses soutenues : 270



Research indicators

ERC grant

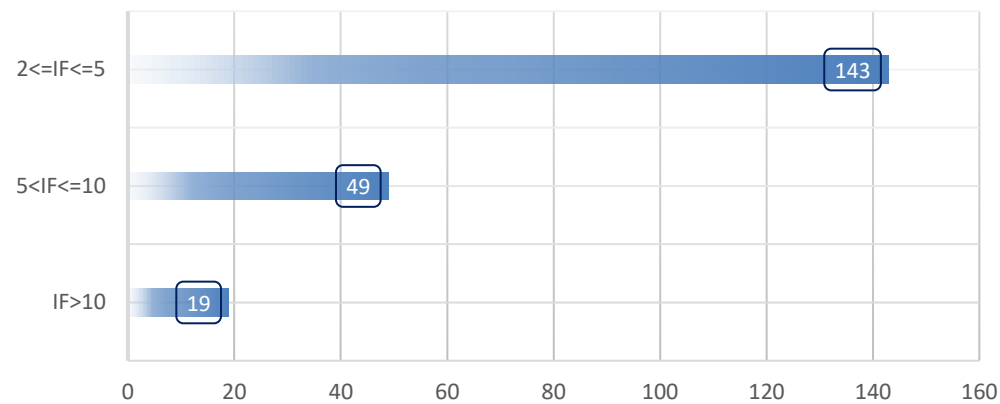
In 2017, the University earned 3 ERC grants.
In total, UL held 7 ERC grants in 2017.

Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : [...] 4 bourses ERC

Impact Factor

Art. 4 Le nombre de publications dans des revues avec un facteur d'impact :

- 10 publications à facteur d'impact supérieur à 10
- 10 publications à facteur d'impact supérieur à 5
- 10 publications à facteur d'impact supérieur à 2



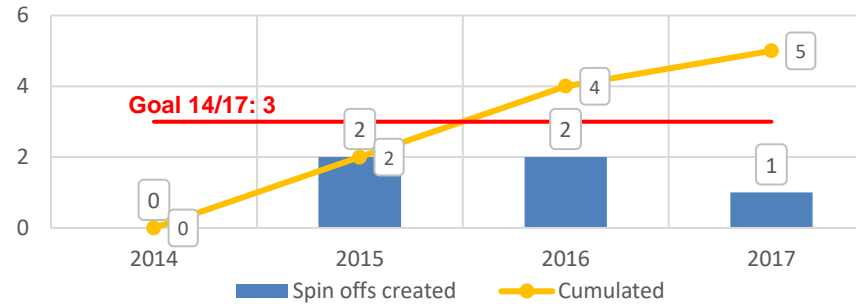
Note: This metric is introduced in the current KPI report and is based on indicators stated in the Contrat d'Etablissement révisé 2014-2017.

The impact factor (IF) aims to assess the quality of scientific publications.

Intellectual property

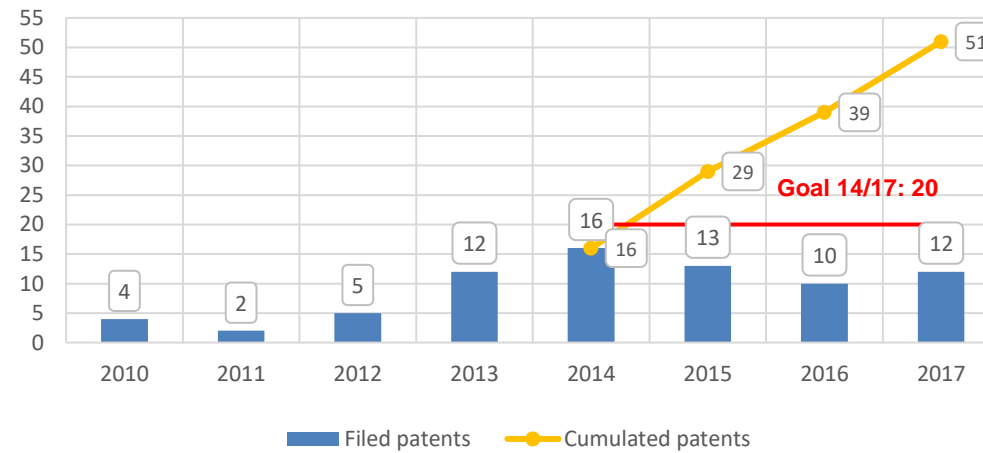
Spin-offs

Art.4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : le nombre de spin-off : 3



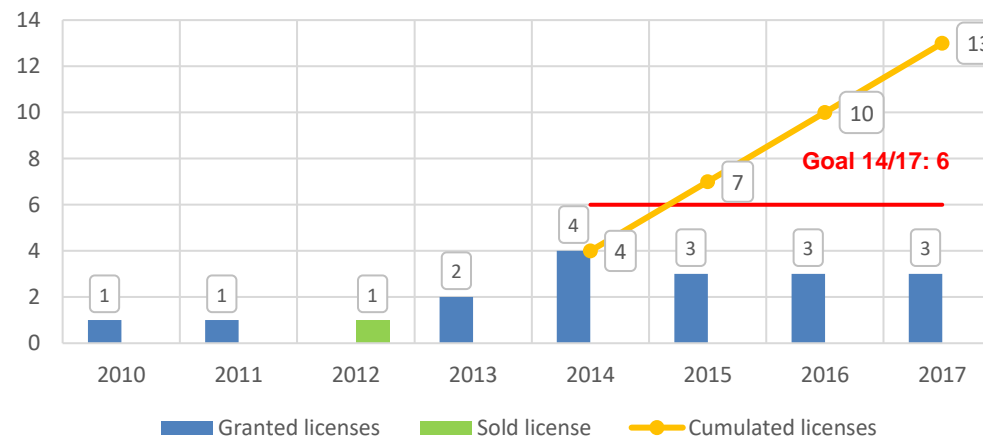
Patents

Art. 4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : le nombre de brevets : 20



Licenses

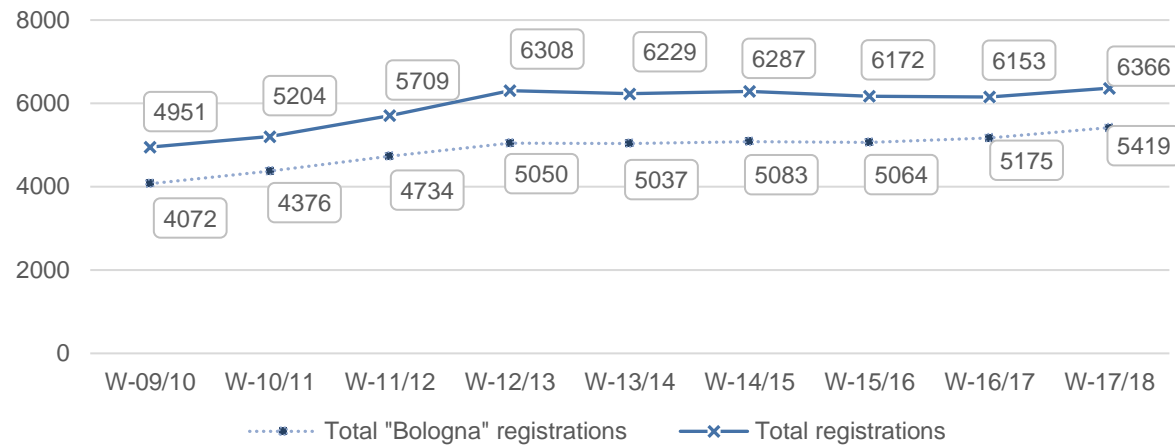
Art. 4 La qualité et l'efficacité de la recherche se définissent par les indicateurs suivants : le nombre de licences : 6



Between 2014 and 2017, 5 spin offs were created at the university.

Academic Affairs

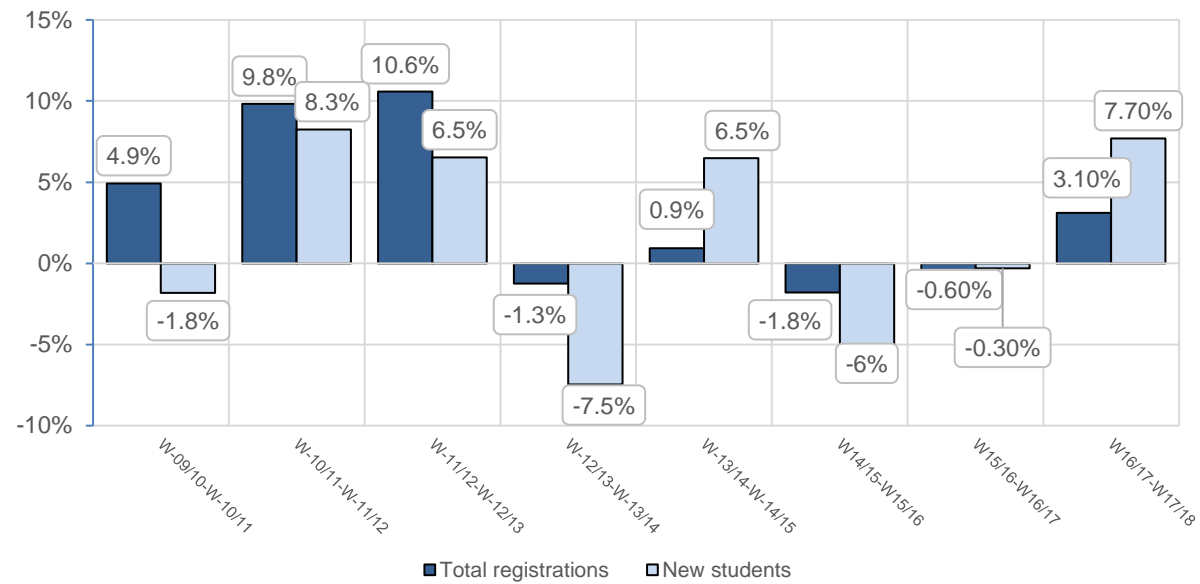
Total University registrations (Winter Semester)



The yearly growth rates of Bologna registrations (*i.e.* total number of all Bachelor, Master and Ph.D. students) are broken down as follows

- Bachelor +1,8%
- Master +8,4%
- PhD +8,0%

Total University registrations: growth rate (Winter Semester)



Academic Affairs

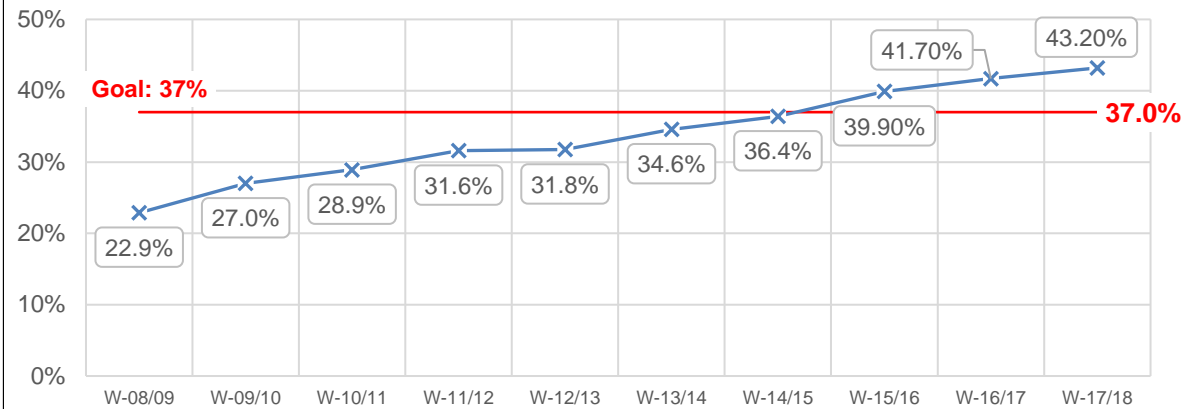
Number of Bachelor programmes

Art. 6(2) [...] Le nombre de programmes "bachelor" n'augmente pas par rapport au nombre de programmes "bachelor" offerts à l'échéance du contrat d'établissement 10/13.

11 Bachelor programmes were offered in the Academic Year 2016/2017, fulfilling the requirement settled in the contract

Bologna Index

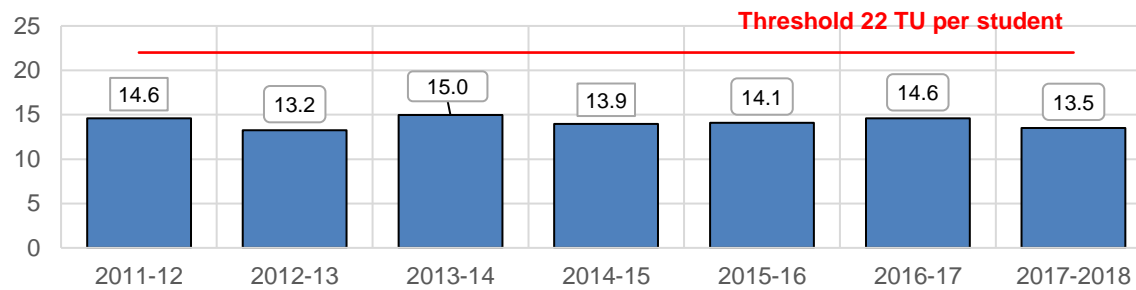
Art. 7 Bologna Index : le taux visé d'étudiants inscrits dans les formations de master et de doctorat est de 37% des étudiants inscrits dans les formations « Bologne ».



The Bologna Index is defined as the ratio between the Master and Doctoral students over the total Bologna students.

Teaching units

Art.7(3) Le taux « heures d'enseignement organisées par an/nombre d'étudiants » est fixé à un maximum de 22 heures organisées par étudiant



Academic Affairs

<p>Registrations threshold</p> <p>Art.7(4) <i>Le seuil minimum d'inscriptions semestrielles pour un programme de "bachelor" ou de "master" est de 15 inscriptions en moyenne sur trois ans, sauf pour les trois premières promotions d'un nouveau programme</i></p>	<p>Art.7(4) is fulfilled by all the Bachelor programmes.</p> <p>The Master programmes not meeting the threshold are the following: Master en Sciences de l'Ingénieur – Efficacité Énergétique et Économique (P) Master in Condensed Matter Physics (A) Master of Science in Engineering - Sustainable Product Creation (A) Master in Geography and Spatial Planning (A) Master in Psychotherapy (P) Master in Social Sciences and Educational Sciences (A)</p>	<p>Methodological Notes:</p> <p>I) only first year registrations are considered.</p> <p>II) ECTS are computed on compulsory modules offered during the entire academic year.</p>
<p>European criteria</p> <p>Art.10 (1) <i>[..] Volume visé de 7000 crédits au plus.[..] Avec chaque diplôme, l'Université délivre le supplément au diplôme</i></p>	<p>In the Academic Year 2017/18, a total number of 8877 ECTS have been proposed as compulsory classes.</p>	
<p>Learning outcomes</p> <p>Art.10 (2) <i>Les programmes de formation sont définis en termes d'objectifs d'apprentissage[..]</i></p>	<p>The study programmes have defined learning outcomes in line with the Qualifications Framework for the Grand Duchy of Luxembourg (levels 6-8). The validation of learning outcomes forms the basis for granting ECTS to students. Learning outcomes are described for the curriculum and for courses. They are documented and accessible through the website or the e-learning platform of the University.</p>	
<p>Joint degrees</p> <p>Art.10 (3) <i>L'offre de formation vise également la mise en place de diplômes conjoints</i></p>	<p>In academic year 2016/2017, the follow study programmes offered the option of a joint degree: Bachelor en Ingénierie (Professionnel) - Gestion de chantiers en Europe - Européisches Baumanagement Bachelor en Sciences de la Vie (Académique) - Biologie Bachelor en Sciences et Ingénierie (Académique) - Physique - Cursus intégré Sarre-Lor-Lux Master en Études Franco-Allemandes: Communication et Coopération Transfrontalières (Professionnel) Master in Border Studies (Académique) Master Theaterwissenschaft und Interkulturalität (Académique) Trinationaler Master in Literatur-, Kultur-,und Sprachgeschichte des deutschsprachigen Raums (Académique) Cursus Intégré Saar-Lor-Lux en physique au niveau Master (as part of Master in Condensed Matter Physics (Académique)) Master en Développement Durable (Professionnel) Master Professionnel en Sciences de l'Ingénieur: Efficacité Énergétique et Économique</p>	

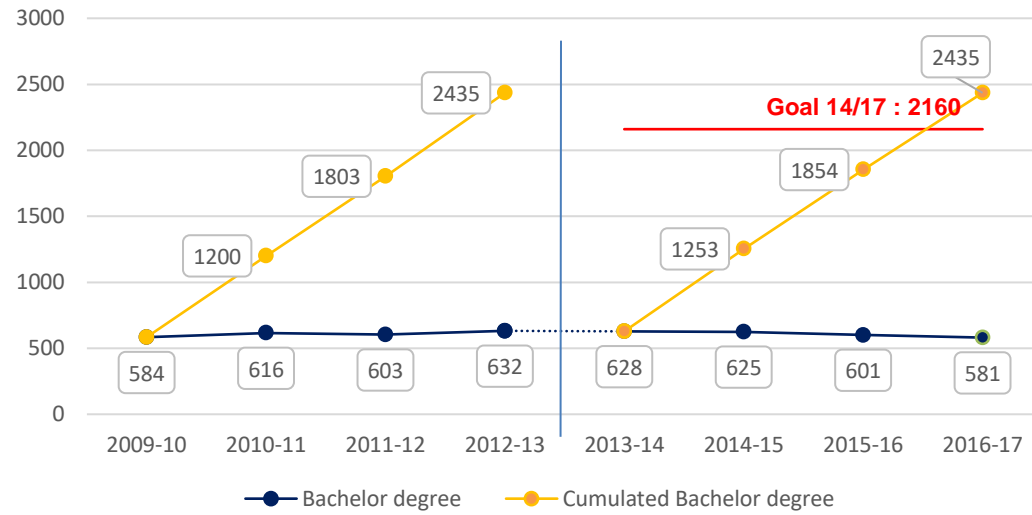
Academic Affairs

Tutoring Art. 14 <i>l'université renforce le tutorat en première année de bachelor et au 1er semestre de master</i>	<p>Tutoring is offered to all Bachelor students in their first year of study in all three faculties. Some study programmes provide tutoring also to students in their second and third year of study. Course- and programme specific tutoring is complemented by joint tutoring at faculty level that trains students in generic academic skills. The University is currently setting up a more comprehensive offer of student advising and student support involving the study programmes, student representatives, and the Student Department (SEVE).</p>	<p>All figures and notes refer to the academic year 2016/2017</p>
Pedagogical chart Art. 5 (1) <i>[...] charte pédagogique [...] constituant l'acte d'engagement de l'Université</i>	<p>A high-level academic working group at the Vice-Rectorate for Academic Affairs has drafted an overarching educational strategy for the University to be presented to the Board of Governors in its meeting of March 2018. After its approval, this strategy will be implemented as the Educational Charter ('Charte Pédagogique') of the University.</p>	
E-learning Art. 5 (2) <i>[...] l'Université incite à créer [...] un espace de cours permettant aux étudiants d'avoir accès à des ressources en ligne [...]</i>	<p>The University has unified its e-learning and online course management platform (Moodle) used by course instructors throughout all faculties. As part of its digitization strategy, the University is currently putting in place an infrastructure for collaborative, digitally enhanced on-campus learning and for the production of online content. Digital educational technology supporting peer and blended learning, flipped classroom practices, and more continuous student-instructor interaction is being tested, and the University is in the process of systematically integrating this technology in its study programmes. Several study programmes have begun the development of open online courses for distance learning. As part of two major infrastructure projects - the Learning Centre and a Media and Digital Design Centre - the University is working towards the provision of institutional resources for pedagogical innovation and facilitation.</p>	
Multilingualism Art. 13(1) and (2) <i>toutes les formations sont au moins bilingues [...]. Toutefois, dérogation peut être faite pour 50% des formations au niveau master dont la langue d'instruction est l'anglais</i>	<p>100% of Bachelor programmes are taught in two or more languages 59% of the Master programmes are taught in two or more languages In 36% of the Master programmes courses are taught in English exclusively One Master programme is taught in French exclusively One Master programme is taught in German exclusively</p>	

Academic Affairs

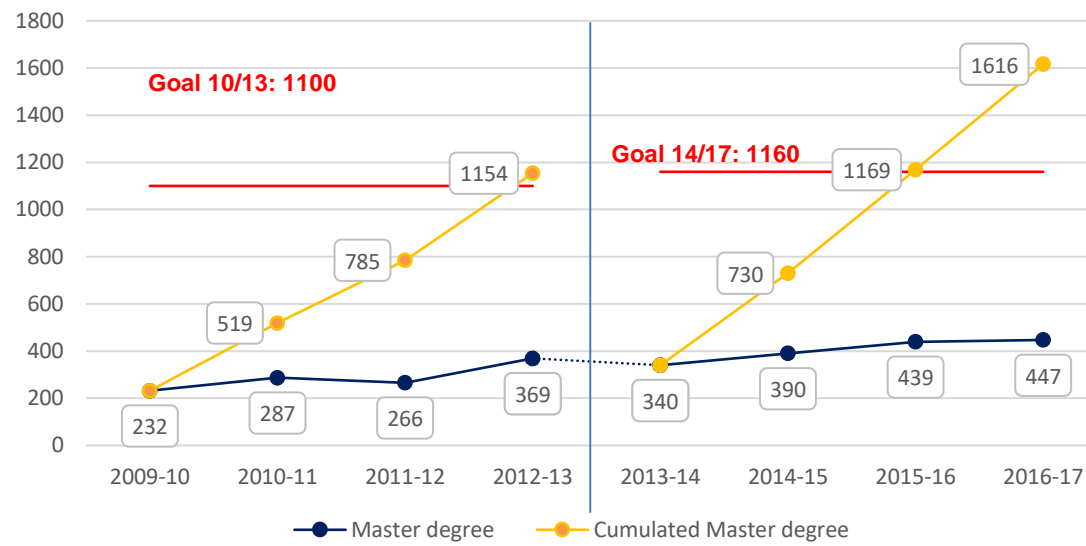
Awarded Bachelor degrees

Art.7 (2)a en 2017, le nombre cumulé de diplômes de "bachelor" délivré est de 2160



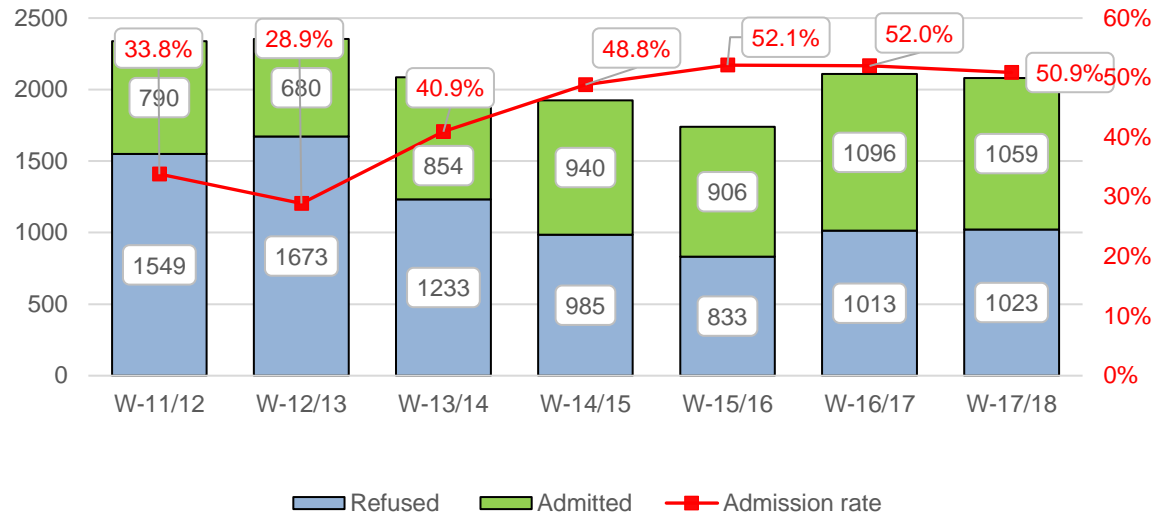
Awarded Master degrees

Art.7 (2)b En 2017, le nombre cumulé de diplômes délivré "master" est de 1160



Academic Affairs

Master programmes admission rate



Employability

Employability

Art.9 les formations répondent au critère de l'employabilité. A cet effet, l'université met en place un système lui permettant d'avoir une connaissance précise des emplois de ses diplômés

* "Graduation and .. Now?" is an annual study collecting information about the activities of leavers six months after graduation

* Census date: 16th February 2017

* The fieldwork period lasts from end of January 2017 to August 2017

* 1st phase: On-line survey

* 2nd phase: Telephone follow-up

Survey dimensions:

* Employment status at census date (6 months after graduation)

* Type of occupation

* Employment basis

* Location of work place

* Remuneration

* Importance of qualification for obtaining the job

* Reasons to accept the job

* Channels used to find out about the job

* Current training, if any

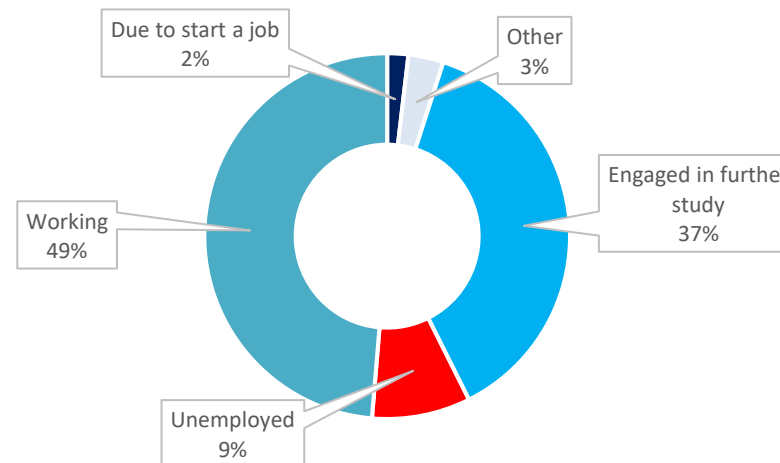
The survey "**Graduation ..and now?**" is based on the survey DLHE implemented by the Higher Education Statistical Agency (HESA), UK. The survey refers to the graduates of the academic year 2015/2016.

The targeted sample contains students who graduated in Bachelor and Master programmes in 2016.

The employability survey for the graduates of the academic year 2016/2017 is ongoing.

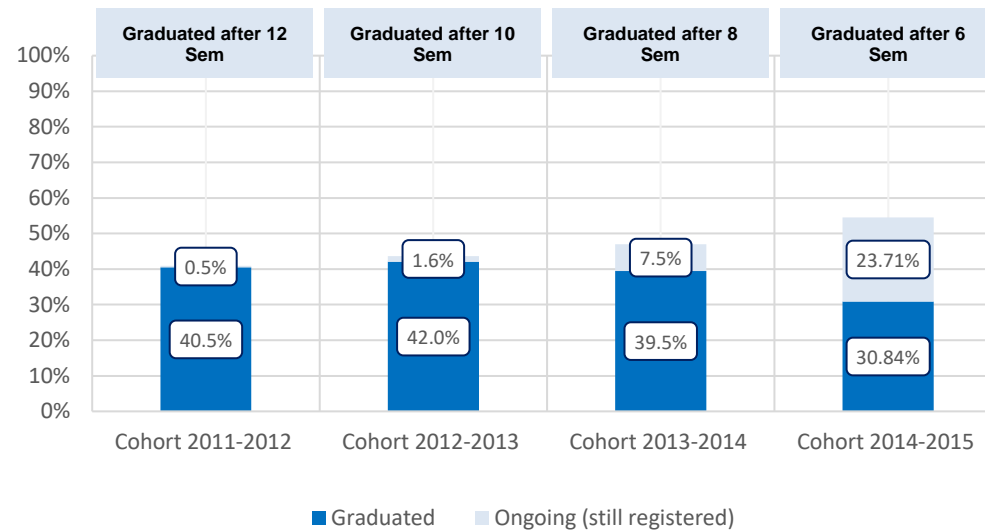
Employability study result

Response rate	53.7%
Bachelor and Master graduates academic year 2015/2016	1048
Valid responses	563



Graduation Rate

180 ECTS Bachelor graduation rate (full time students)



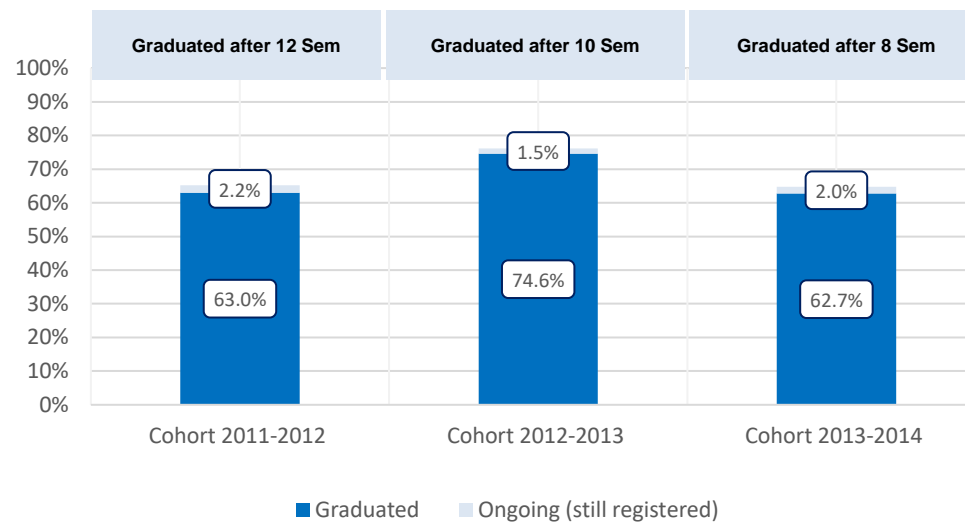
31% of the full-time bachelor students of the cohort 2014-2015 graduated after 6 semesters from the same study programme. Over 50% of this cohort is still currently registered in the study programme for which the student first registered.

Methodological note:

On time graduation rate is measured.

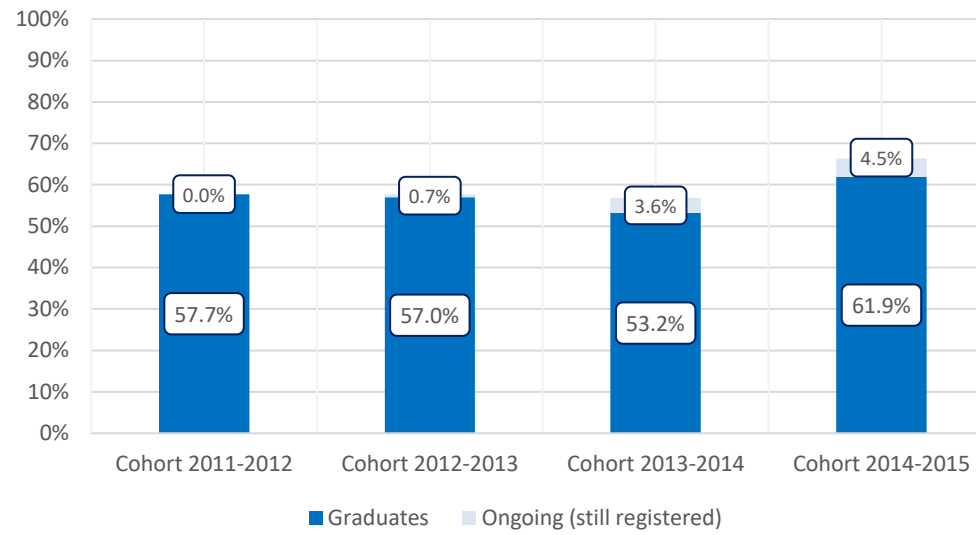
The calculation is based on the latest graduates available for the academic year 2016/2017.

240 ECTS Bachelor Graduation rate



Graduation Rate

60+120 ECTS Master Graduation Rate

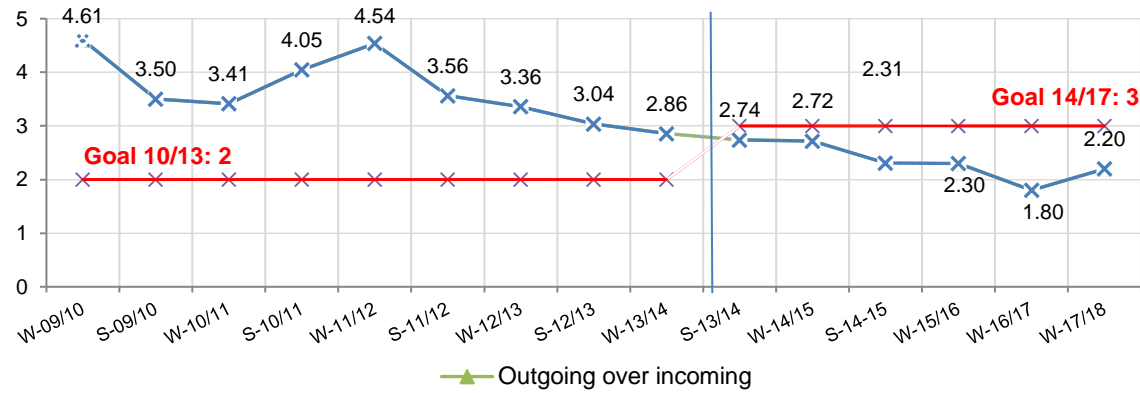


See page 14

Mobility

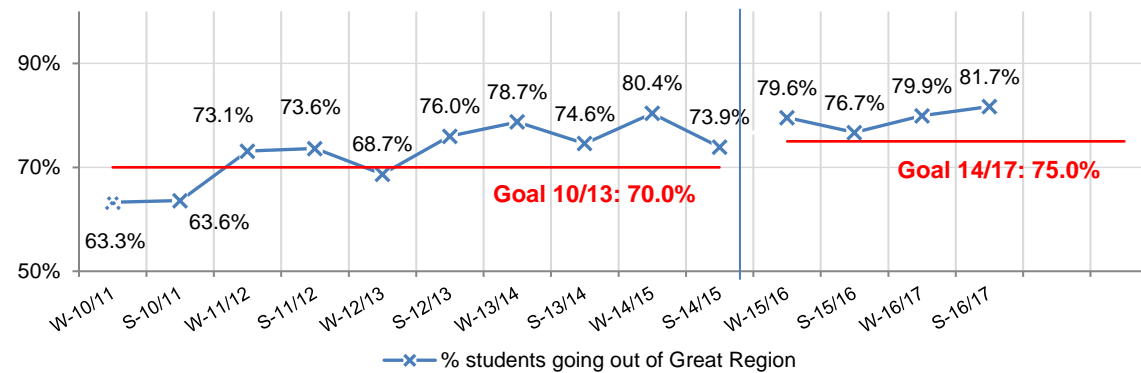
Mobility ratio

Art.12 (3) L'Université favorise l'accueil d'étudiants étrangers dans le cadre de partenariats. Le taux visé d'étudiants sortants/étudiants rentrants est de 3/1



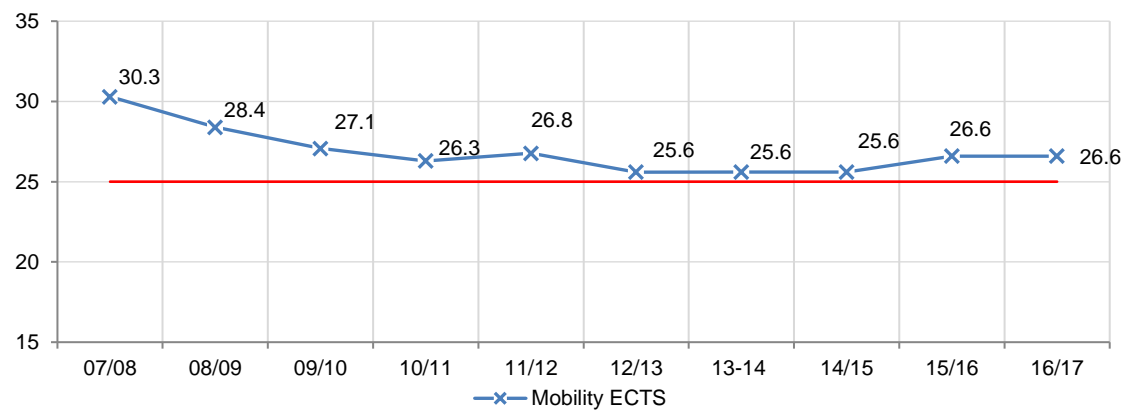
Non-commuting mobility

Art. 12. (2) Un taux de 75% de mobilité des étudiants au-delà de la Grande-Région est visé



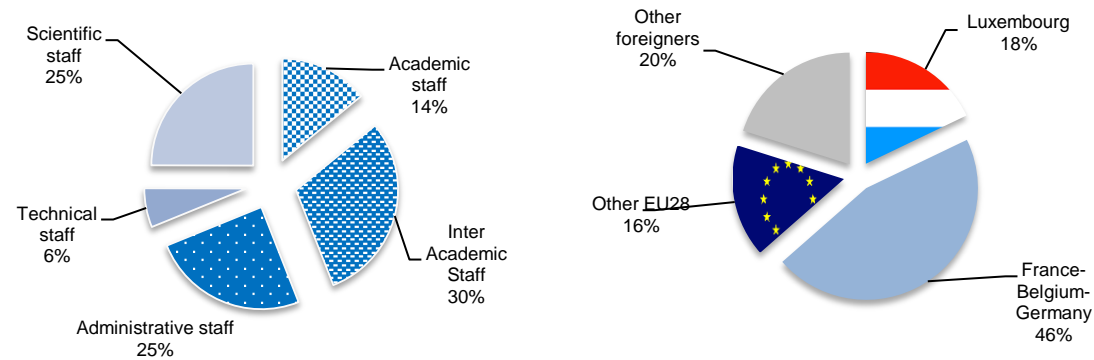
Mobility ECTS

Art. 12. (1) Pour les formations de bachelor, la mobilité des étudiants s'étend sur 30 ECTS au minimum avec en moyenne une reconnaissance de 25 ECTS par étudiant, le grade de bachelor étant délivré par l'Université

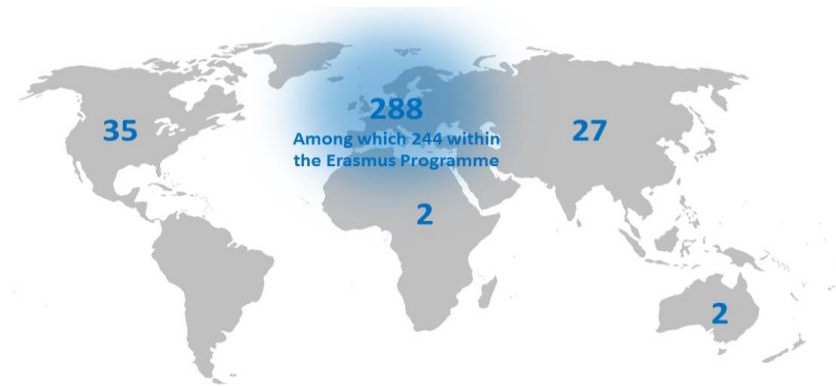


Internationality

Staff composition and nationalities

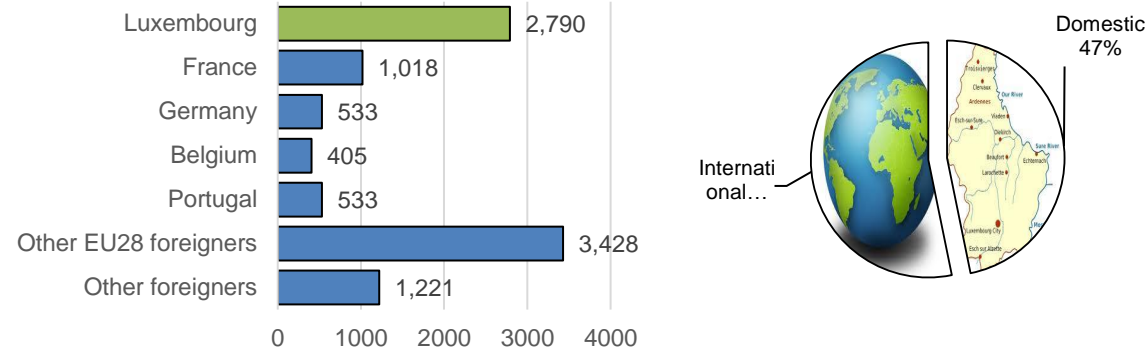


International agreements



International versus Domestic

UL students W-17/18



Methodological notes:

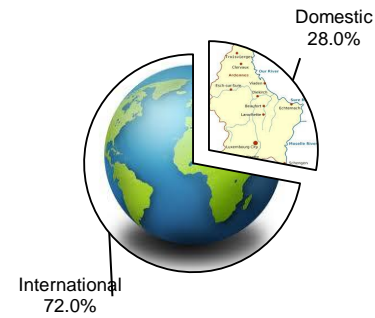
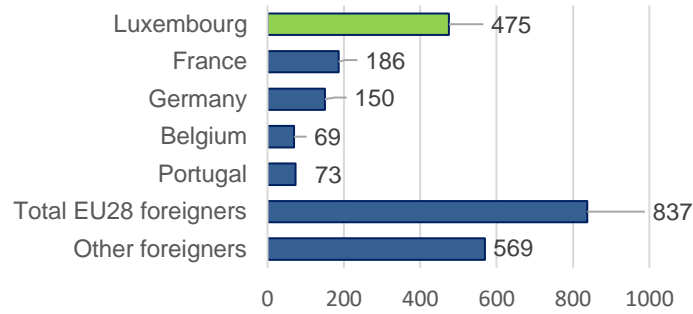
I) The number of partner universities in 2017 is counted. More than one agreement can be in place within the same university.

II) Starting from the academic year 2016/2017 a student's first and second nationality is counted, whereas previous results were based only on the first nationality. This methodology complies with international standards and avoids systematic biases in terms of national diversity within the student population.

Internationality

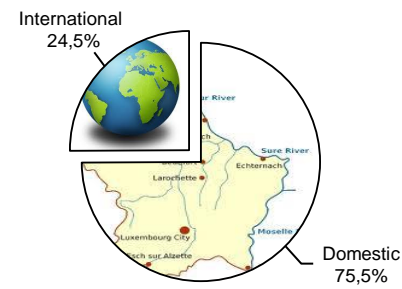
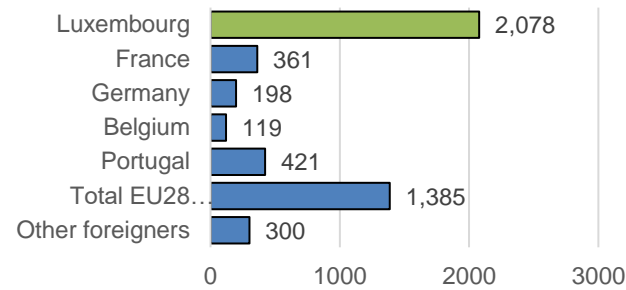
International versus Domestic

Master students W-17/18



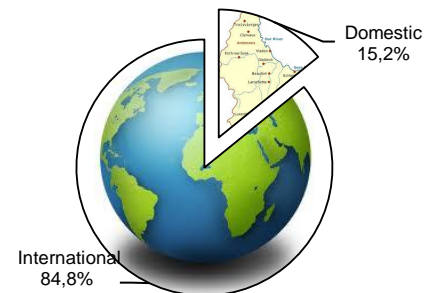
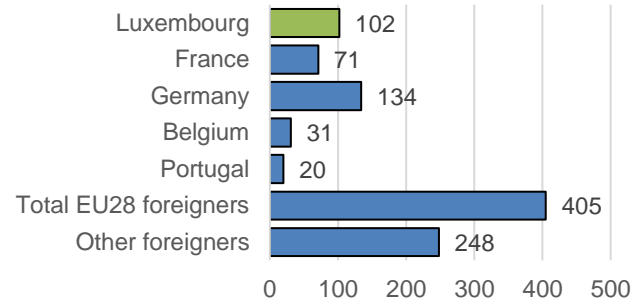
International versus Domestic

Bachelor students W-17/18



International versus Domestic

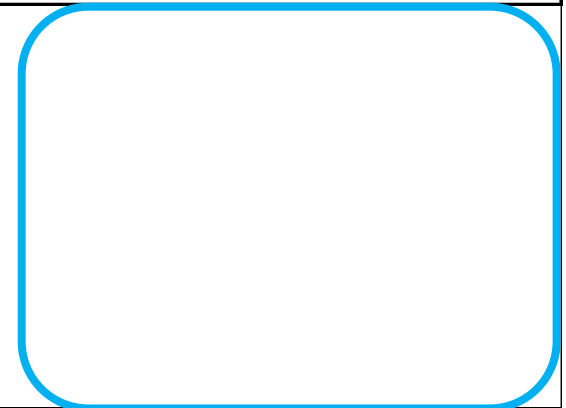
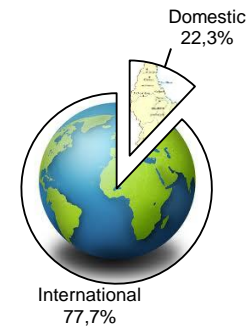
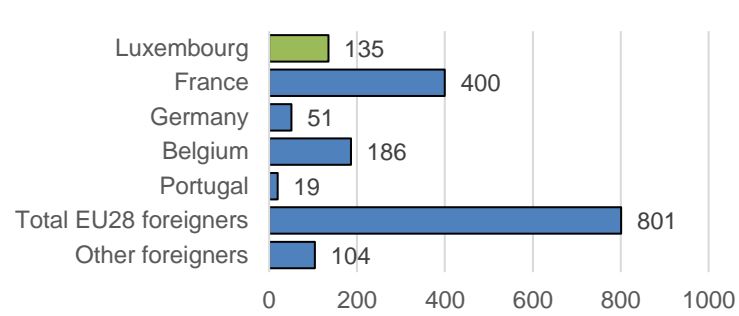
Ph.D. students W-17/18



Internationality

**International versus
Domestic**

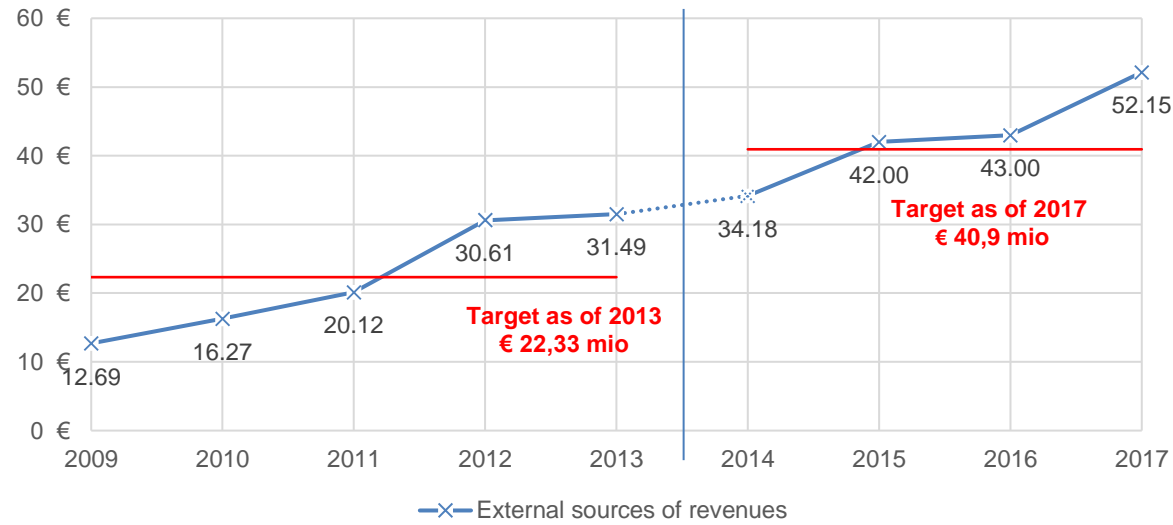
**Other programmes
W-16/17**



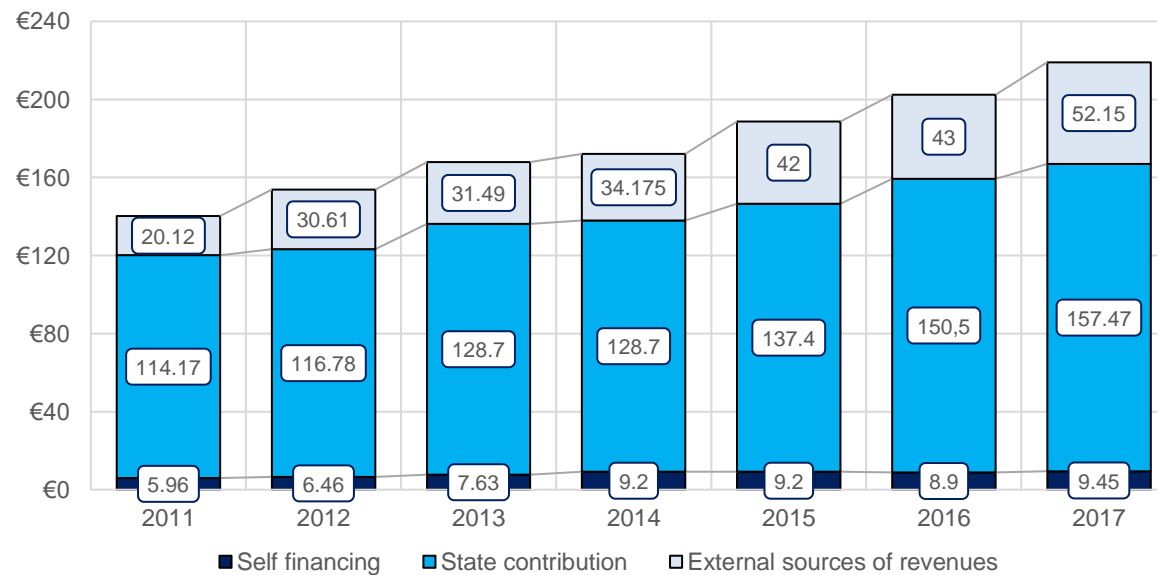
Organisation

External revenues (millions of Euro)

Art.17 (3) Outre la dotation globale, l'Université s'engage sur une croissance cumulée de 30% du financement externe pendant la période 2014-2017 par rapport à l'exercice 2013 et sur un volume global de 145 millions d'euros



Total revenues (millions of Euro)



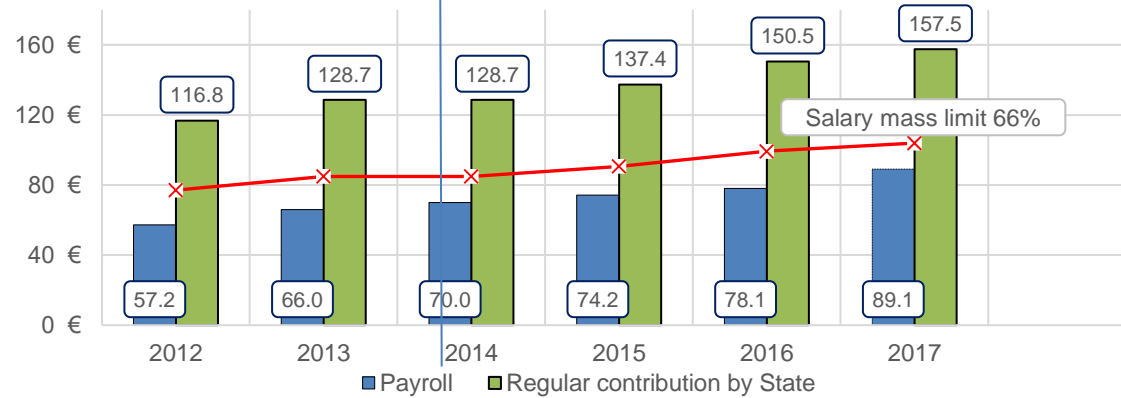
Key funding sources.

Based on realised amounts in millions of euros as of 31.12.2017.

Organisation

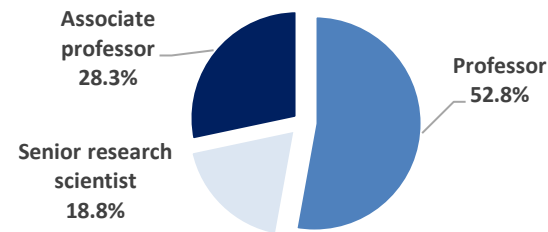
Salary mass (millions of Euro)

Art.17 (2) *La masse salariale de l'Université ne peut excéder, pour ce qui est des postes structurels, 66% de la contribution régulière de l'Etat*



Realised payroll as of 31.12.2017, excluding the "public employees".

Composition of academic staff by level

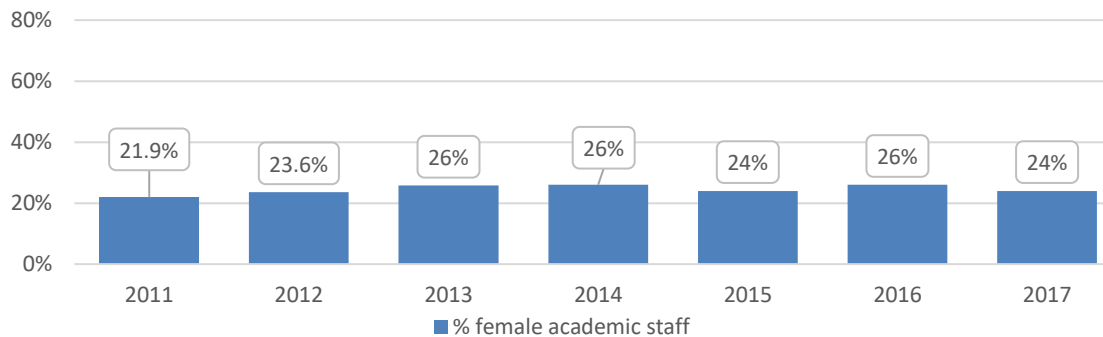


As of the 31.12.2017, the number of Academic Staff at the UL is 252,25 FTE.

Note: The category "Professors" includes all full professors who occupy managerial roles, namely President, Vice-Presidents, Deans and IC Directors.

Equal opportunities

Art.16 (2) *Dans la gestion de ses personnels, l'Université veille à un juste équilibre dans la représentation des sexes, notamment pour ce qui est de la carrière de professeur*

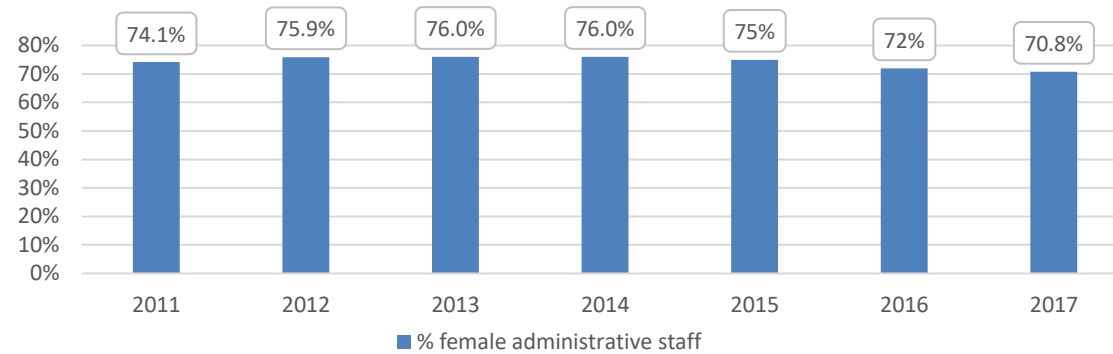


As of 31.12.2017, 14% of all professors are women.

Organisation

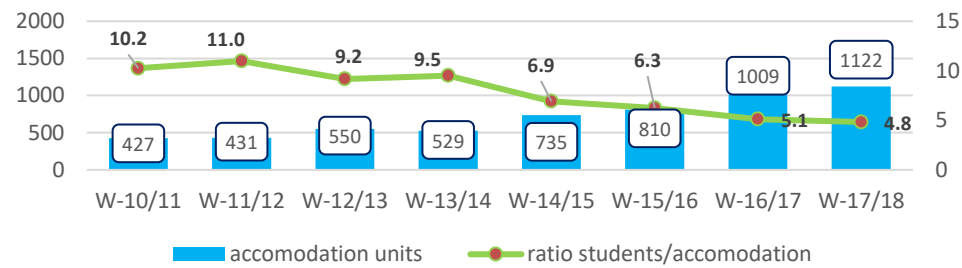
Equal opportunities

Art.16 (2) Dans la gestion de ses personnels, l'Université veille à un juste équilibre dans la représentation des sexes, notamment pour ce qui est de la carrière de professeur



Accommodation units (beds)

Number of accommodation units over time



Student accommodation increased significantly due to the new student residences now available on the Belval Campus.

The ratio includes only Bologna students.