

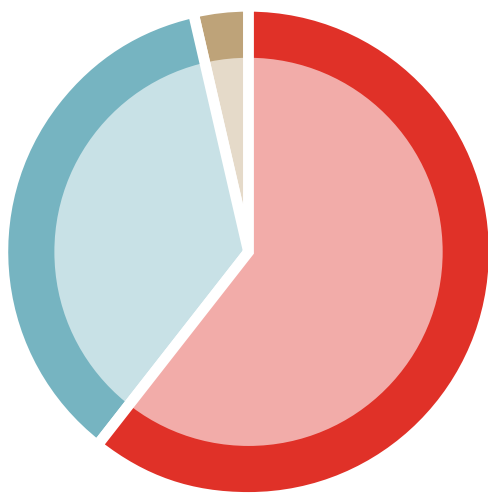
Univerza v Ljubljani



CONNECTING
TO PROSPER

Business Report by the Rector

2015



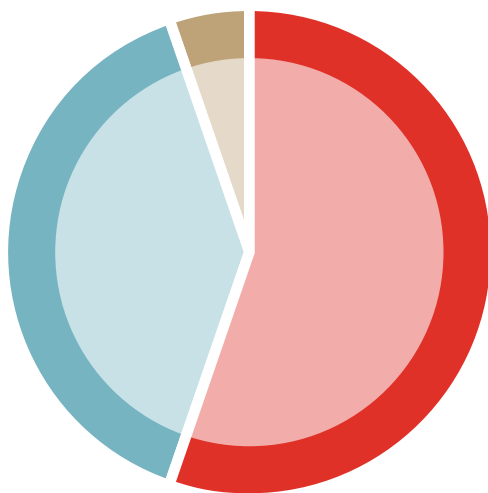
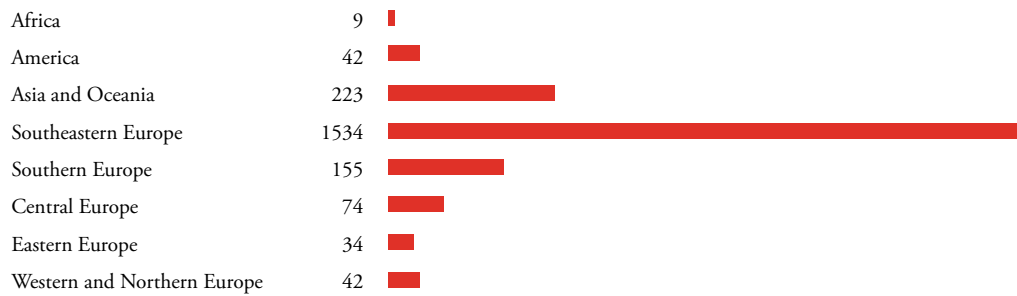
Number of enrolled students in 2015

- First cycle 24799,5 (61 %)
- Second cycle 14586 (36 %)
- Third cycle 1448 (3 %)

Number of enrolled students in 2015 by University members



Geographical distribution of foreign students in 2015



Number of graduates in 2015

- First cycle 5381 (56 %)
- Second cycle 3801 (39 %)
- Third cycle 504 (5 %)

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DEVOTED TO KNOWLEDGE

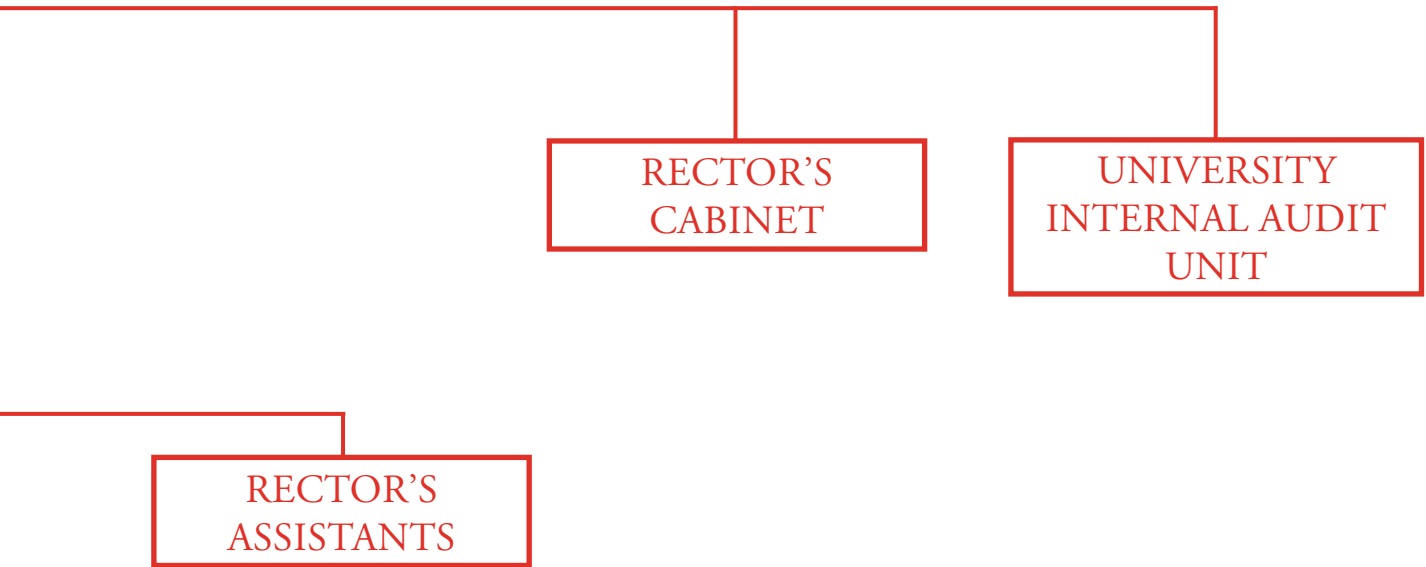
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University Office for International Relations

University Office for Career Counselling and Students' Services

University Office of Library Services

University Office for Research, Development and Intellectual Property

University Project Office

University Office for Quality Assurance, Analyses and Reporting

University Office for European Projects





Rector ⁽¹⁾

Prof. Dr. Ivan Svetlik

UNIVERSITY OF LJUBLJANA BODIES

(1) The Rector leads and represents the University. The consultative bodies of the Rector are the Rector's College and the College of the Deans. The Rector's College consists of the Rector Prof. Dr. Ivan Svetlik, Vice-Rector for scientific research Prof. Dr. Martin Čopič, Vice-Rector for knowledge transfer Prof. Dr. Maja Makovec Brenčič (from 1 October 2013 until 12 May 2015), Prof. Dr. Tanja Mihalič, Vice-Rector for pedagogical activity Prof. Dr. Goran Turk, Vice-Rector for art Prof. Matej Zupan, Rector's assistant for legal affairs Alenka Golobič, Rector's assistant for organisation and communication Mag. Jana Lutovac Lah, Secretary General Mihaela Bauman Podojsteršek and President of the Governing Board of the University of Ljubljana Prof. Dr. Janez Hribar. The college of the Deans consists of the Rector, Vice-Rectors, Deans and President of the Student Council of the University of Ljubljana.

(2) The Senate is the highest academic body of the University. The sessions of the Senate are convened and chaired by the Rector. The Senate has the following commissions: Commission for undergraduate studies, Commission for masters studies, Commission for doctoral studies, Commission for research and development work, Habilitation commission, Commission for the development of the information system, Commission for the development of the library system, Commission for interuniversity and international cooperation, Commission for student complaints, Commission for socio-economic issues of students, Commission for the Prešeren awards and commendations of students, Statutory commission, Commission for the conferral of honorary titles and awards, Commission for the conferral of commendations of important works of art, Commission for quality, Second-instance disciplinary commission for students, Commission for students, Commission for candidate appeals upon admission to the University, Publishing commission, Commission for innovations, Commission for students with special needs, Commission for extracurricular activities, Commission for ethical issues.

Senate (2)

Prof. Dr. Ivan Svetlik

Chair

Assoc. Prof. Marko Vatovec

Academy of Music

Prof. Miran Zupanič

until 27 December 2015, Academy of Theatre, Radio, Film and Television

Prof. Tomaž Gubenšek

from 28 December 2015, Academy of Theatre, Radio, Film and Television

Assoc. Prof. Boštjan Botas Kenda

Academy of Art and Design

Prof. Dr. Davorin Gazvoda

Biotechnical Faculty

Prof. Dr. Metka Tekavčič

Faculty of Economics

Prof. Mag. Peter Gabrijelčič

Faculty of Architecture

Prof. Dr. Bojko Bučar

until 30 September 2015, Faculty of Social Sciences

Prof. Dr. Rado Bohinc

from 1 October 2015, Faculty of Social Sciences

Prof. Dr. Igor Papič

Faculty of Electrical Engineering

Prof. Dr. Borut Božič

Faculty of Pharmacy

Prof. Dr. Matjaž Mikoš

Faculty of Civil and Geodetic Engineering

Prof. Dr. Matjaž Krajnc

Faculty of Chemistry and Chemical Technology

Prof. Dr. Peter Šemrl

until 30 September 2015, Faculty of Mathematics and Physics

Prof. Dr. Petar Pavešič

from 1 October 2015, Faculty of Mathematics and Physics

Prof. Dr. Milan Batista

until 30 September 2015, Faculty of Maritime Studies and Transport

Prof. Dr. Elen Twrdy

from 1 October 2015, Faculty of Maritime Studies and Transport

Prof. Dr. Nikolaj Zimic

Faculty of Computer and Information Science

Assoc. Prof. dr. Vesna Leskošek

until 1 March 2015, Faculty of Social Work

Assist. Prof. Dr. Liljana Rihter

from 1 March until 31 May 2015, Faculty of Social Work

Assoc. Prof. Dr. Vesna Leskošek

from 1 June 2015 until 30 September 2015, Faculty of Social Work

Assoc. Prof. Dr. Jana Mali

from 1 October 2015, Faculty of Social Work

Prof. Dr. Branko Širok

Faculty of Mechanical Engineering

Prof. Dr. Milan Žvan

Faculty of Sport

Assoc. Prof. Dr. Janez Stare

Fakulteta za upravo

Prof. Dr. Branka Kalenić Ramšak

Faculty of Arts

Prof. Dr. Dušan Šuput

Faculty of Medicine

Prof. Dr. Petra Eva Forte Tavčer

Faculty of Natural Sciences and Engineering

Assoc. Prof. Dr. Janez Krek

Faculty of Education

Prof. Dr. Janez Kranjc

Faculty of Law

Prof. Dr. Christian Gostečnik

Faculty of Theology

Assoc. Prof. Dr. Andrej Kirbiš

Veterinary Faculty

Assist. Prof. Dr. Marija Zaletel

until 21 December 2015, Faculty of Health Sciences

Assist. Prof. Dr. Andrej Starc

from 22 December 2015, Faculty of Health Sciences

STUDENT MEMBERS

Juš Veličković

until 20 January 2015, Faculty of Sport

Ivan Kukuljan

until 30 September 2015, Faculty of Mathematics and Physics

Matej Drobnič

from 13 October 2015, Faculty of Mechanical Engineering

Janoš Ježovnik

until 30 September 2015, Faculty of Arts

Maja Hercog

from 13 October 2015, Faculty of Education

Vida Špindler

until 20 January 2015, Faculty of Chemistry and Chemical Technology

Aljaž Gaber

until 20 January 2015, Faculty of Chemistry and Chemical Technology

Ana Belčič

from 21 January 2015, Faculty of Pharmacy

Matevž Černe

from 21 January 2015, Faculty of Computer and Information Science

Miha Kavčič

from 21 January 2015, Faculty of Mechanical Engineering

Jan Kukovec

from 21 January 2015, Biotechnical Faculty

Klemen Mesarec

from 21 January 2015, Faculty of Social Sciences

Managing Board ⁽³⁾

Prof. Dr. Janez Hribar
president

Mag. Urban Krajcar
Deputy President and RS Government representative

Prof. Dr. Rajko Pirnat
representative of teaching staff

Prof. Dr. Janko Drnovšek
representative of teaching staff

Mag. Bernarda Golob Hribar
representative of non-teaching staff

Jože Colarič
predstavnik Vlade Republike Slovenije

Mag. Samo Hribar Milič
RS Government representative

Franjo Bobinac
employers representative

Miha Rajh
until 3 December 2015, Student Council representative

Jan Kukovec
from 20 January 2016, Student Council representative

(3) The Managing Board is a management body that decides mainly on economic matters and ensures that the financial matters of the University are functioning smoothly.



Student Council (4)

Miha Rajh

until 15 December 2015, president

Jan Kukovec

from 16 December 2016, president

Tin Cugelj, Anita Kiralj

Academy of Music

Dominik Vodopivec, Lina Akif

Academy of Theatre, Radio, Film and Television

Žiga Hančič, Gregor Humar

Academy of Art and Design

Miha Rajh, Jan Kukovec

Biotechnical Faculty

Tilen Sovič, Jan Kralj

(deputy members Aleš Rožanc, Žan Tell)

Faculty of Economics

Sara Škarica, Žan Plevnik

Faculty of Architecture

Janja Zdovc, Kristjan Runovc

Faculty of Social Sciences

Matjaž Tome, Klemen Zalokar

(deputy members Tilen Savnik, Miha Inocente)

Faculty of Electrical Engineering

Anže Vasle, Maja Žugec

Faculty of Pharmacy

Marko Lavrenčič, Klemen Lovenjak

(deputy members Jernej Vozelj, Anja Judež)

Faculty of Civil and Geodetic Engineering

Andrej Hoivik, Ula Rozman

Faculty of Chemistry and Chemical Engineering

Marion Van Midden, Venko Mramor

Faculty of Mathematics and Physics

Anita Mole, Marko Ramšak

Faculty of Maritime Studies and Transport



Vasilije Simeunović – Djukić

Faculty of Computer and Information Science

Nika Stefanišin, Nejc Pulko

(deputy members Matej Mlinarič, Dino Černivec)

Faculty of Social Work

Matej Drobnič, Miha Kavčič

Faculty of Mechanical Engineering

Klemen Krejač, Gregor Mišič

Faculty of Sport

Petra Krulc, Nuša Trefalt

Faculty of Administration

Tomaž Krek, Matic Mahnič, Kaja Cvelbar

Faculty of Arts

Petra Schara, Klemen Petek

Faculty of Medicine

Tjaša Valič, Teja Polenšek

(deputy members Žiga Šrami, Žan Turnšek)

Faculty of Natural Sciences and Engineering

Živa Jakšič Ivačič, Tjaša Leskovšek

Faculty of Education

Matic Čad, Petra Werbole

(deputy members Rok Lampret, Tina Anželj)

Faculty of Law

Helena Cupin, Gašper Klančnik

Faculty of Theology

Neva Lukša, Jana Šaupperl

Veterinary Faculty

Nik Prebil, Eva Globokar

Faculty of Health Sciences

(4) The Student Council of the University is a body of the University's students. The Student Council consists of Presidents and Vice-presidents of University Members' Student Councils.



UNIVERSITY MEMBERS' DEANS

Prof. Andrej Grafenauer
Academy of Music

Prof. Miran Zupanič
until 30 September 2015, Academy of Theatre, Radio, Film and Television

Prof. Tomaž Gubenšek
from 1 October 2015, Academy of Theatre, Radio, Film and Television

Assoc. Prof. Boštjan Botas Kenda
Academy of Art and Design

Prof. Dr. Davorin Gazvoda
Biotechnical Faculty

Prof. Dr. Metka Tekavčič
Faculty of Economics

Prof. Mag. Peter Gabrijelčič
Faculty of Architecture

Prof. Dr. Bojko Bučar
until 30 September 2015, Faculty of Social Sciences

Prof. Dr. Rado Bohinc
from 1 October 2015, Faculty of Social Sciences

Prof. Dr. Igor Papič
Faculty of Electrical Engineering

Prof. Dr. Borut Božič
Faculty of Pharmacy

Prof. Dr. Matjaž Mikoš
Faculty of Civil and Geodetic Engineering

Prof. Dr. Matjaž Krajnc
Faculty of Chemistry and Chemical Technology

Prof. Dr. Anton Ramšak
until 30 September 2015, Faculty of Mathematics and Physics

Prof. Dr. Petar Pavešič
from 1 October 2015, Faculty of Mathematics and Physics

Prof. Dr. Elen Tvrdy
Faculty of Maritime Studies and Transport

Prof. Dr. Nikolaj Zimic

Faculty of Computer and Information Science

Assist. Prof. Dr. Liljana Rihter

until 30 September 2015, Faculty of Social Work

Assoc. Prof. Dr. Vesna Leskošek

from 1 October 2015, Faculty of Social Work

Prof. Dr. Branko Širok

Faculty of Mechanical Engineering

Prof. Dr. Milan Žvan

Faculty of Sport

Assoc. Prof. Dr. Janez Stare

Faculty of Administration

Prof. Dr. Branka Kalenić Ramšak

Faculty of Arts

Prof. Dr. Dušan Šuput

Faculty of Medicine

Prof. Dr. Petra Eva Forte Tavčer

Faculty of Natural Sciences and Engineering

Assoc. Prof. Dr. Janez Krek

Faculty of Education

Prof. Dr. Miha Juhart

Faculty of Law

Prof. Dr. Christian Gostečnik

Faculty of Theology

Prof. Dr. Andrej Kirbiš

Veterinary Faculty

Assist. Prof. Dr. Marija Zaletel

until 31 December 2015, Faculty of Health Sciences

Assist. Prof. Dr. Andrej Starc

from 1 January 2016, Faculty of Health Sciences

FOREWORD BY THE RECTOR

In 2015, the University of Ljubljana recorded notable results in its goal to strengthen its connections with international institutions and in its quality assurance. Measures such as raising awareness among students and employees about the importance of internationalisation, assistance to students in mobility, removing obstacles for the inclusion of foreign students and staff, international evaluation and accreditation, establishment of strategic partnerships with respectable foreign universities, active participation at international fairs and establishment of a network of graduates working in foreign academic environments, led to 13 percent growth in the number of foreign full-time students with respect to 2014, strengthened foreign student exchange by 14 percent with respect to 2014 and saw 54 percent growth in the exchange of staff with foreign academic institutions. The University was also successful in obtaining and implementing research projects financed from European and other foreign resources. With 38 approved projects under the Horizon 2020 programme, the University holds the top spot in the country and is at the top of universities from new EU Member States.

The Quality of the University of Ljubljana project, which was completed in 2015, made a decisive contribution to the establishment of a functioning system for monitoring and providing quality at the University. Upon concluding the circle of planning and reporting, knowledge and experience are shared through consultation visits and employee training seminars are fully booked. We updated and computerised the student survey, further enhanced extracurricular activities, trained students via career centres and kept track of our graduates' careers. Various forms of tutelage were expanded and new methods to prevent plagiarism were set up. We updated and re-accredited study programmes, adopted tools and recommendations for monitoring employee satisfaction and introduced new didactic approaches in the teaching process, including the introduction of an e-classroom.

Furthermore, we were active in the transfer of knowledge, examining knowledge with development potential, establishing new connections between research groups at the University and with the environment and completing preparations for applying projects from the smart specialisation programme. Together with 22 organisations, we established the Slovenian Innovation Hub, which began operating in 2016 as the host and promoter of research and development teams in the academic and business spheres.

The achievements of the University of Ljubljana again echoed through the international community. They included the discovery of the link between the Zika virus and foetal brain damage, the development of a new bacteria-resistant antibiotic, the victory of mechanical engineering students in a pilot-free flight contest in the USA and the victory of students of law at the United Nations competition in New York.

Year 2015 was concluded in the belief that public funding for higher education and research had reached the bottom and that improvements would continue in the coming years based on updated legislation. Only this way will it be possible to successfully resolve issues and prevent further ones relating to the University and general society. Our priority objectives in the coming year are to increase the number of doctoral students and the number of scientific publications.

Excellence is what drives us. We maintain and upgrade it in all areas of activity and mutual and international cooperation, which are ever more important. In doing so, we firmly believe that our steps will lead to success.

Prof. Dr. Ivan Svetlik

Rector





Excellence is what drives us. We maintain and upgrade it in all areas of activity and mutual and international cooperation, which are ever more important. We believe in success every step of the way. It is no coincidence that the University of Ljubljana holds the top spot in the country and is at the top of universities from new EU Member States.

Prof. Dr. IVAN SVETLIK, Rector

FOREWORD BY THE MANAGING BOARD

In the past, the Managing Board of the University of Ljubljana mostly dealt with open issues related to the development of the University of Ljubljana and society as a whole. The debate was aimed towards resolving various limitations on the development potential of the University. Statutory employment limitations prevent quality work in pedagogical as well as research and professional fields, yet only the highest quality studies can enable better visibility and international comparability of our graduates. The unregulated financing system for doctoral studies and the Slovenian Research Agency (ARRS), in reducing funding by two percent, prevents connection with development centers in the economic sector. The resulting stagnation of research is indirectly weakening our pedagogical efficiency and international comparability. Furthermore, unstable financing is reflected in programme implementation on all study levels. Research work and related costs are crippling the development potential of researchers across all scientific disciplines. Allocation of additional funds to the most successful researchers or members of the University as an additional financing pillar is encouraging. Last year, we actively participated in resolving spatial issues of the University with renovations and planned new constructions. This investment cycle into new facilities and equipment, consequently, is reducing other broader development potential, since we cannot procure replacement of spent and rejected equipment. With careful operations among our members, the University of Ljubljana ended the business year successfully.



Prof. Dr. Janez Hribar

A handwritten signature in black ink, consisting of a stylized, cursive script that appears to read 'Janez Hribar'.



Miha Rajh

FOREWORD BY THE STUDENT COUNCIL

In 2015, the Student Council of the University of Ljubljana was faced with the basic tasks laid down by the University of Ljubljana Statute and with a number of attempts by Slovenian politics to influence higher education. At the beginning of the term of office, we participated in the drawing-up of a new proposal for the Higher Education Act, which never came into effect. This occurred, among other reasons, because we stood up in solidarity with the Slovenian Student Organisation, the University of Ljubljana Student Organisation, the University of Maribor Student Council and the University of Primorska Student Council in defence of student rights.

Several critiques were provided in respect to the course of the adoption of a new University of Ljubljana Statute. The adoption of such an important document will require many harmonisation attempts, which is why the University of Ljubljana Student Council has prepared meaningful arguments. We are opposed to the equalisation of full-time and part-time studies, introduction of the general administrative procedure in matters of appeal and other such procedures and against reducing the number of exam dates. We also witnessed amendments to instructions for organising programme contents at the University and took an active role in the adoption of the document.

We monitored the work and operations of the University throughout the year, engaged in joint projects and established proper cooperation, which is also a fundamental and important basis for continuing the constructive work of the University of Ljubljana Student Council in 2016.



HIGHLIGHTS IN 2015

We believe that by 2020 the University of Ljubljana will become a recognised, internationally open and excellent research university creatively contributing to the quality of life. This vision is pursued with optimism and enthusiasm, which is why ever more attention is placed on activities to internationalise the University.



Milica Miler
Adriana Mizar
France Mihelc
Lilija Ostec
Marian Pogacnik
Miro Prizelj
France Rozar
Zvezka Prusa
Miro Prognj
Karel Puzic
Milan Rajavc
Tinka Sargovec
Branislav Sully
Gregorina Soljan
Marek Starman
Ivo Sobic
Marko Sotcaric
Sveto Tibec
Dusan Trnec
Miran Trkar
Melita Vovk
Klavdija Zornik

Recipients of certificates of recognition for young university teachers and associates of the University of Ljubljana in 2015

MISSION

The University of Ljubljana is the oldest and largest higher education and scientific research institution in Slovenia, established in 1919⁽⁵⁾ and comprising 23 faculties and three art academies. The University supports basic, applied and development research, achieves excellence and the utmost quality, and meets the highest ethical criteria in all fields of science, art and technology.

It promotes both interdisciplinary and multidisciplinary studies and exchanges its achievements in science and art with other universities and scientific research institutions. In this way, it contributes its share to the Slovenian and global treasury of knowledge, transferring knowledge to students and other users.

⁽⁵⁾ As at 31 December 2015, the University of Ljubljana employed 5747 persons.

From left to right: Vice-Rector Prof. Dr. Maja Makovec Brenčič, Secretary General Mihaela Bauman Podojsteršek, Vice-Rector Prof. Dr. Martin Čopič, President of the Governing Board of the University of Ljubljana Prof. Dr. Janez Hribar, Rector Prof. Dr. Ivan Svetlik, Vice-Rector Prof. Matej Zupan and Vice-Rector Prof. Dr. Goran Turk

VISION

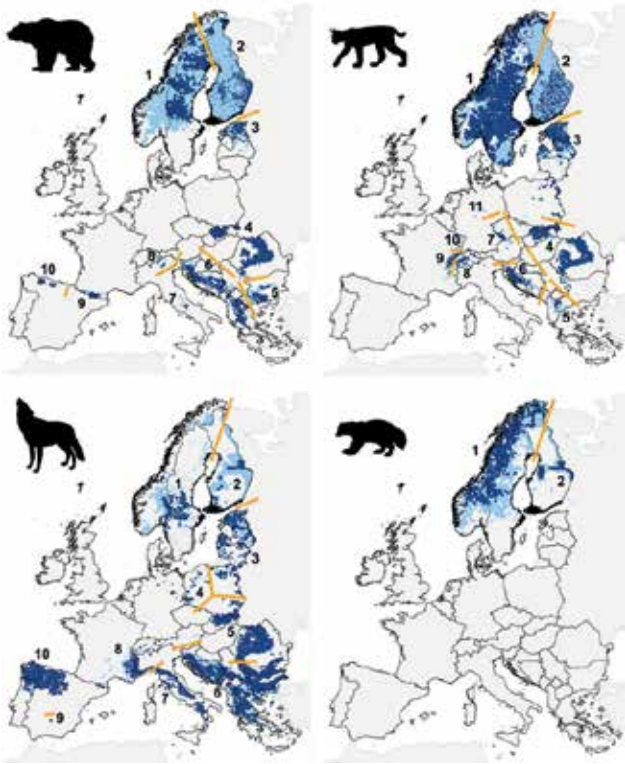
We believe that by 2020 the University of Ljubljana will become a recognised, internationally open and excellent research university creatively contributing to the quality of life. This vision is pursued with optimism and enthusiasm, which is why ever more attention is placed on activities to internationalise the University.

In 2015, the University of Ljubljana recorded high-profile domestic and international events, proving that it is actively involved in society and pursues its activities successfully, both at home and abroad.

VALUES

We strengthen the academic community of professors, researchers, students and other associates, striving to win recognition at home and abroad. Our actions are based on academic excellence and freedom of creativity, autonomy in relation to the State, political parties, corporations and religious communities, on humanism and human rights as well as on an ethical and responsible attitude to the world.





Distribution of large carnivore species in Europe in 2011: brown bear (top left), Eurasian lynx (top right), wolf (bottom left) and wolverine (bottom right). Dark blue indicates the areas of permanent presence of large carnivores, while light blue indicates the areas of occasional presence. Yellow lines indicate boundaries between populations. Source: Chapron et al. 2014

For the third year in a row, the respectable Italian Domus magazine has ranked the Department of Industrial and Unique Design of the *Academy of Fine Arts and Design*, University of Ljubljana, among the **top one-hundred European schools** in architecture and design. It made the list as the only Slovenian institution.

The associates of the Jožef Stefan Institute and the *Faculty of Mathematics and Physics*, University of Ljubljana, published an article in Nature Physics entitled *Light-controlled topological charge in nematic liquid crystals*, which describes experiments creating and stabilising a pair of topological defects in a liquid crystal using intensely focused laser light.

In the journal Science, researchers from the *Biotechnical Faculty*, University of Ljubljana, published an article entitled *Recovery of large carnivores in Europe's modern human-dominated landscape*. The research has shown that at least one large carnivore species lives on roughly one third of the European territory. Researchers found that a model of co-existence with humans has made it possible to preserve large carnivores in a forested cultural landscape, even on a densely populated area, such as Europe.

Associates from the *Faculty of Mechanical Engineering*, University of Ljubljana, participated in the development of

four out of sixty existing prototype devices in magnetocaloric refrigeration. In the field of electrocaloric devices, they manufactured the third such prototype in the world, while the fourth one is being produced by applying the latest findings. Based on an invitation received from a prestige publisher, the team was the first to present its results in the scientific monograph entitled Magnetocaloric Energy Conservation: From Theory to Application, thus confirming its leading role in the world.

At the end of January, the *Faculty of Maritime Studies and Transport*, University of Ljubljana, organised a *conference on cross-border cooperation* entitled "Deans, Rectors, and Business Directors in the eRegion Meeting on the Cross-border Joint EU Projects Opportunities in the Area of Transport and Logistics," which was attended by the rectors and deans of Slovenian, Italian, Austrian and Croatian universities, ambassadors to Germany, Austria, Italy, Croatia, Slovakia and the Czech Republic, plus professors and representatives of the wider economy. The purpose of the conference was to prepare current topics for application to European invitations to tender and to promote cooperation among the interested parties.



Dr. Jukka Viitanen with Vice-Rector Prof. Dr. Maja Makovec Brenčič

We marked *the 50th anniversary of the introduction of organised and guided physical* education at the University of Ljubljana. Upon that event, the University issued a publication entitled 50 Years of Physical Education at the University of Ljubljana 1963-2013, presented awards for contributions to the development and inclusion of physical education, long-standing pedagogical work and publishing activities, all on the topic of university sports.

The Angewandte Chemie magazine published an article entitled *Construction of a new class of tetracycline lead structures with potent antibacterial activity through biosynthetic engineering* by associates from the *Biotechnical Faculty*, University of Ljubljana. Using new biosynthetic engineering procedures, they developed a new tetracycline antibiotic carboxamido chelocardin, which is noted as a new method of action and having excellent effectiveness against a number of multi-drug resistant pathogens causing hospital infections.

In cooperation with the National Institute of Biology, the University of Ljubljana hosted an expert in the design, development and management of regional innovation systems and hubs, *Dr. Jukka Viitanen* from Finland. Dr. Viitanen is a renowned expert in the development of innovation systems with experiences in high-tech industries in the Asia-Pacific region.

The project *to conserve and monitor the conservation status of the wolf population (Canis lupus) in Slovenia* (abbreviated SloWolf) was among 61 projects relating to nature or nature-related communications selected as one of the top 13 LIFE projects chosen every year by Member States together with the European Commission. The project was carried out in cooperation with the Slovenia Forest Service and the Dinaricum Society. The goal of the SloWolf project was to preserve the wolf population, its prey and habitats in Slovenia in the long term and to improve its co-existence with humans.



Partners upon the signing ceremony of the ABC strategic partnership document from left to right: Dejan Roljič, Director of ABC TIM, Jože Mermal, Chairman of the Board of BTC, Prof. Dr. Ivan Svetlik, Rector of the University of Ljubljana, and Julij Božič, Executive Director of IBM Slovenija

Ljubljana became richer for a new **Acceleration Business City (ABC)**. It is intended for start-up companies with an already made product. The ABC accelerator was established by BTC, Xlab, AmCham Slovenija and ABC TIM, with IBM Slovenija and the University of Ljubljana as strategic partners. The purpose of the accelerator is to implement two three-month programmes every year and, upon conclusion, offer teams the opportunity to establish contacts with different partners worldwide for another three months using the accelerator.

At the University of Ljubljana we hosted and organised the international **Falling Walls Lab** event for the first time. This inspiring interdisciplinary event offered students, researchers, experts and entrepreneurs aged up

to 35 the opportunity to present a breakthrough idea, research work, innovative project or business model. The panel chose the three best ideas from the final 13 ideas. The winning idea was that of Karin Ljubič entitled *Breaking the Wall of Data Storage*, which allows immense data storage potentials in terms of quantity, free-of-charge data reproduction and resistance for thousands of years, as the data is saved in a living plant and its seeds.

The University Rector, Prof. Dr. Ivan Svetlik prepared a reception for *student athletes who participated in the 2nd European Universities Games in 2014*. Students represented the University of Ljubljana in three sports disciplines, i.e. football, table tennis and tennis. The Rector paid special commendation to Toja Černe, a student of the Faculty of Sport at the University of Ljubljana, who won the bronze medal at the 2014 World Universities Championship in Archery, in the compound bow discipline.



Excellent University of Ljubljana athletes



Karin Ljubič, the winner of the breakthrough idea *Breaking the Wall of Data Storage*

In cooperation with the Ljubljana University Incubator (LUI), we presented the **Rector's Award for the Best Innovation of the University of Ljubljana**. The award for the best innovation went to the project entitled Printing ink for irreversible temperature indicators with low activation temperature.¹ Second place went to the LACEnano² innovation and third place to the iTreeAssay³ project. The authors of all three winning innovations received support for the commercialisation of their innovations and a cash prize from the Rector's fund.

¹The new feature of the proposed series of irreversible temperature indicators showing the thermal history of products is an innovative combination of active material, microcapsule technology and print. The main advantages of the indicator are a change visible to the naked eye that needs no energy source to operate and the possibility of manufacturing temperature indicators in thin and flexible forms typical of smart labels.

²LACEnano solves the problems of tattoo artists; from arm pain to additional work cleaning and servicing tattoo tools. Tattooing using LACEnano tools is also less painful for those getting tattoos. The technological innovation combines technologies that are used in other branches, resulting in the optimisation of operations, quality and producer price.

³The innovation represents a fast, simple and effective way to detect internal anomalies in the trunks of standing trees which typically devalue trees in terms of quality and economic value. It is based on an analysis of an ultrasound signal being passed through the trunk, causing no damage to the tree. The method provides a notable increase in revenues from forest management, as healthy trees may be distinguished from unhealthy ones in due time, thus increasing their returns.



April

A team of students from the *Faculty of Mechanical Engineering*, University of Ljubljana, won the *Design/Build/Fly* contest for remote controlled aircraft, which was held in the USA. University of Ljubljana students beat 84 university teams from across the world.

The Faculty of Economics, University of Ljubljana, was successfully re-accredited for the next five-year period by the well-established AACSB International (Association to Advance Collegiate Schools of Business). *AACSB accreditation* is based on a commitment to achieve high quality and continuous advancements in business education.

Ljubljana was the venue of the *5th European conference on research in social work*, organised by the *Faculty of Social Work*, University of Ljubljana. The event was attended by over 450 researchers from across the world. At the conference 360 contributions shed light on different perspectives of personal and social aspects of people's lives in a period characterised by divergence from the social state, which has deeply encroached upon people's everyday lives and redefined the professional work performed by social workers.



The Rector of the University of Ljubljana has awarded the 10,000th PhD to Katarina Polajnar Horvat from the Faculty of Arts, University of Ljubljana.

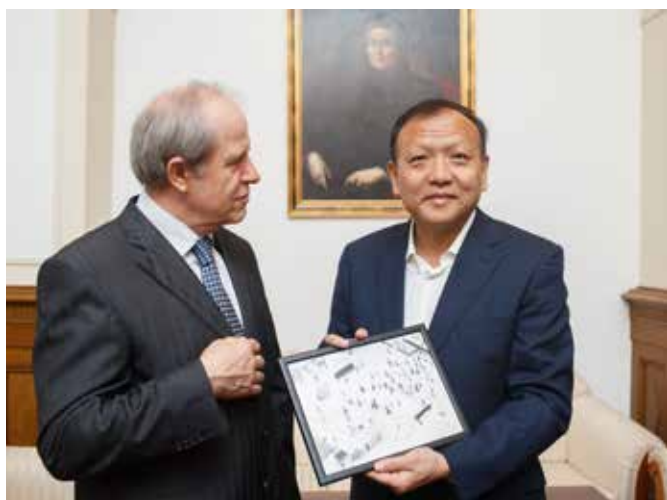


May

The University awarded its **10,000th PhD degree** to Katarina Polajnar Horvat from the **Faculty of Arts**, University of Ljubljana, for the doctoral dissertation entitled *The Role of Social Factors in Developing Environmental Awareness and Changing Environmental Behaviour*. The first PhD candidate at the University of Ljubljana was Ana Mayer from the same faculty, who earned her PhD in chemistry. In Slovenia, most doctors of philosophy graduated from the University of Ljubljana, and an increasing number of PhDs are awarded to foreign students.

The *Proceedings of the National Academy of Sciences* journal published an article entitled **Protein aggregation in salt solutions** by researchers from the **Faculty of Chemistry and Chemical Technology** University of Ljubljana. They proposed a model solution with short-range and directional forces between protein molecules. The model predicts the formation of chains and clusters and gives a correct description of the experimentally specified phase diagram for the co-existence of two liquid phases in the case of lysozyme solutions.

The University Rector, Prof. Dr. Ivan Svetlik welcomed a delegation from the **Yunnan Agricultural University** in China. The universities agreed to collaborate in teacher and student exchange and in joint programmes, and concluded by signing a memorandum on cooperation.



Upon the reception of the Chinese delegation, the Rector, Prof. Dr. Ivan Svetlik presented a gift to Prof. Zhang Haixiang, i.e. an illustration by Matija Medved, a student of the Academy of Fine Arts and Design, University of Ljubljana.

Within the scope of the University of Ljubljana Career Centre – the meeting point of promising human resources and good employers, the University of Ljubljana organised the elevator pitch festival *University goes to market*, which was held in Kongresni trg, in front of the Rectorate. At the festival, students presented themselves to over fifty employer representatives on city buses that were parked in front of the Rectorate for this particular occasion. The presentation of a job interview with an employer was symbolically performed by the University Rector Prof. Dr. Ivan Svetlik and the Mayor of Ljubljana Zoran Janković.



A selfie with the Rector of the University of Ljubljana Prof. Dr. Ivan Svetlik and Mayor of Ljubljana Zoran Janković following the presentation of a job interview held in one of the city buses



Prof. Tang Tao gave a lecture at the University of Ljubljana on the Chinese railways development in the last decade.

At the University of Ljubljana we hosted a lecture by **Prof. Tang Tao from the Beijing Jiaotong University**. He spoke of the Chinese railway development in the last decade and security challenges in the management of railway infrastructure in China. He specialises in railway control and safety in China and is at the same time an expert in high technology and Development Programme 863 in modern transport systems.

The University of Ljubljana Rectorate held the founding meeting of the **Slovenian Innovation Hub**, attended by 23 co-founders. The latter signed a memorandum of incorporation, elected council members and adopted a programme of work and an annual financial plan. In the programme of work, co-founders primarily committed themselves to prepare specific partner development projects or form value chains, but also to cooperate in the preparation of long-term state programmes. The fundamental goal is to contribute to the development of a knowledge-based economy and raise the international competitiveness of Slovenia.



Representatives of the Slovenian Innovation Hub



From left to right: the Dean of the Academy of Music, University of Ljubljana, Prof. Andrej Grafenauer, Chairman of the Board and General Manager of Krka Jože Colarič, the Rector of the University of Ljubljana Prof. Dr. Ivan Svetlik and pianist Dubravka Tomšič Srebotnjak

We presented a cash **donation of €12,700 to the University of Banja Luka**. University of Ljubljana employees collected the funds for employees and students at the University of Banja Luka who suffered heavy damage by floods in May 2014. On account of this solidarity and humane action by University employees, six students and six employees at the University of Banja Luka who suffered the most damage in the mentioned floods received valuable funds for the restoration of their flooded houses and apartments.

The Kazina Palace held the **inauguration of a Steinway & Sons piano** that was donated to the Academy of Music, University of Ljubljana, by Krka. The Academy of Music has been faced with demanding challenges in the mod-

ernisation and upgrading of musical equipment, most of which comprises musical instruments. The sound of the new acquisition in the Academy's new premises was tested by Dubravka Tomšič Srebotnjak, a world renowned pianist and professor emerita of the University of Ljubljana.

The **Faculty of Economics**, University of Ljubljana, hosted participants for the **13th INFINITI Conference in International Finance**. The conference is organised in cooperation with Trinity College from Ireland and Monash University from Australia. The conference's central topic was "*International Financial Integration – Is There a New Normal*".



Members of SMUL with the University Rector Prof. Dr. Ivan Svetlik and Chairman of SMUL Prof. Dr. Zlatko Skrbis (at the centre of front row), Vice-Rector Prof. Dr. Martin Čopić (far left in front row) and Vice-Rector Prof. Dr. Tanja Mihalič (far right in front row)

July

Prof. Dr. Tomaž Čater and Assistant Ivan Župič from the **Faculty of Economics**, University of Ljubljana, analysed the use of bibliometric methods in scientific works published in magazines pertaining to management and organisation in an article entitled ***Bibliometric methods in management and organisation***, published in the *Organizational Research Methods* magazine. The purpose of the article was to create a reference and recommendations for researchers aiming to use bibliometric methods in literature reviews on management and organisation.

The Nobel Prize winner *Sir Richard J. Roberts* was awarded an **honorary PhD of the University of Ljubljana** for his successful cooperation with the Faculty of Medicine, University of Ljubljana, in the field of molecular medicine and biotechnology. The gala event was enriched with a lecture on genetically modified food and claiming its unsubstantiated opposition.

Assist. Dr. Marinka Žitnik and Prof. Dr. Blaž Zupan, researchers from the **Faculty of Computer and Information Science**, University of Ljubljana, developed a computational approach to draw conclusions in a diverse data environment based on the simultaneous inflow of data matrices, noise removal and search for data samples. The article ***Large-scale data fusion*** was published in the *IEEE Transactions on Pattern Analysis & Machine Intelligence* magazine.

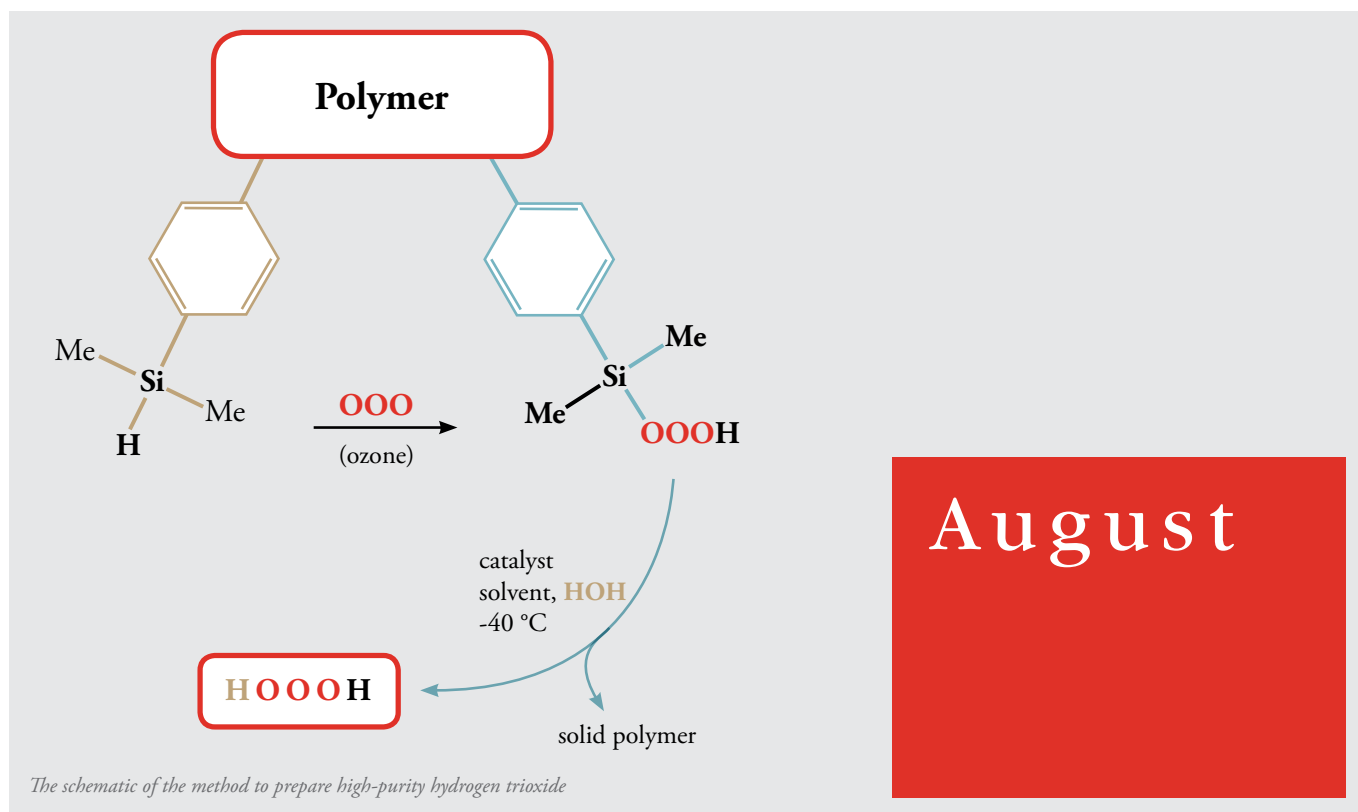
MOL Group, a leading international oil and gas company,

has invited students for the 9th consecutive time to enter the international online student contests Freshhh, where students interested in the real challenges of oil and gas industry participate in three-member teams. Out of the 2210 teams from seventy countries, for the first time in the history of the competition the team of students from the **Faculty of Chemistry and Chemical Technology**, University of Ljubljana, was included in the top five teams. They won the third place.

The University of Ljubljana Rectorate held the founding meeting of the **University of Ljubljana global alumni and associates network (SMUL)**, where members adopted a memorandum of incorporation and elected management for a two-year period. SMUL brings together prominent scientists, professors and other respectable persons working in academic, research and development spheres outside Slovenia. It was established as an activity to raise the quality of study programmes and the reputation of the University of Ljubljana while strengthening international cooperation. The attending members of SMUL elected Prof. Dr. Zlatko Skrbis from Monash University, Australia, as their Chairman.



Sir Richard J. Roberts, Honorary Doctor of the University of Ljubljana



August

Prof. Dr. Tatjana Avšič Županc and Dr. Miša Korva from the **Faculty of Medicine**, University of Ljubljana, published a research study in the journal *Nature* entitled **Temporal and spatial analysis of the 2014-2015 Ebola virus outbreak in West Africa**, revealing the epidemiological history and evolution of the epidemic between March 2014 and January 2015. They found that genetic changes in the virus happened at a slower rate than expected and that mutations in the viral glycoprotein were relatively small.

Dr. Gregor Strle and Prof. Dr. Janez Cerkovnik from the **Faculty of Chemistry and Chemical Technology**, University of Ljubljana, received special commendation by the editor of the *Angewandte Chemie* journal for their article entitled **A simple and efficient preparation of high-purity hydrogen trioxide (HOOOH)**, which was ranked in the top Hot Paper category. A simple and efficient method to prepare high-purity hydrogen trioxide solutions that was

developed by the researchers represents a major advancement in the field.

At the **Faculty of Medicine**, University of Ljubljana, we organised the **European Cytoskeleton Forum Meeting 2015**. The ECF Meeting was attended by thirty invited lecturers from Europe, the USA, Canada and Singapore and around one hundred delegates from across the world. The Meeting gave special attention to molecular bases for neurodegenerative and malignant changes, genetic skin disorders and to the relation of cytoskeletal proteins and their role in disease development.

At the **Faculty of Natural Sciences and Engineering**, University of Ljubljana, we organised the **16th science conference**, with international participation, entitled **Waste Management – GzO'15 Urban Mining** in cooperation with the Slovenian Mining Association of Engineers and Technicians. The conference presented new developments, current projects and activities, strategies and research results in waste and environmental management.



Research teams from the Faculty of Medicine and Faculty of Mechanical Engineering of the University of Ljubljana

A research team from the **Faculty of Medicine**, University of Ljubljana, was the first in the world to publish the results of a research on the **efficiency of a universal screening programme for familial hypercholesterolemia in children** in the leading cardiology journal *Journal of American College of Cardiology*. Familial hypercholesterolemia was confirmed at genetic level in 57 percent of the children referred to a clinic for increased cholesterol levels. Early detection and treatment of this disease is vital for the reduction of risks in the development of premature cardiovascular diseases.

At the **Faculty of Computer and Information Science**, University of Ljubljana, we hosted the prestige **international ISSEP conference** (International Conference on Informatics in Schools: Situation, Evaluation and Perspectives) and a conference for Slovenian teachers entitled Up-bringing and **education in an information society (VIVID)**, which featured in-depth discussions and successful international examples of teaching computer and information science. The purpose of both conferences is to train the youth to create

information and communication technologies. The conferences, which were attended by over two hundred domestic and foreign researchers and practitioners in computer science education, took place within the scope of the *Information Society* multi-conference.

At the **Faculty of Electrical Engineering**, University of Ljubljana, we organised the first **World Congress on Electroporation in biology and medicine**, which included the topic of food and environmental technologies, with presentations by researchers from 42 countries. The honorary patron of the Congress was the President of the Republic of Slovenia Borut Pahor.

At the **Faculty of Mechanical Engineering**, University of Ljubljana, we organised the **International Conference on Engineering Vibration ICoEV 2015**, which was attended by two hundred participants from 31 countries across the world. The conference held a comprehensive debate on new developments in engineering vibration, with emphasis placed on non-linear fluctuations.



University of Ljubljana Freshmen flooded Kongresni trg

We organised a celebration upon the **70th anniversary** of the activities of the **Academy of Fine Arts and Design**, University of Ljubljana. Within the scope of the event, former deans of the Academy were presented special commendation awards for their management of the Academy. Upon the occasion we also opened an exhibition entitled the Treasures of an Art Collection, which was exhibited in the premises of the University Rectorate for several months.

The new generation of freshmen at the University of Ljubljana entered the 2015/2016 academic year with the

traditional event **Freshmen Welcome 2015**. A diverse entertainment programme was held in front of University headquarters, featuring attractive presentations by all 26 faculties and academies of the University of Ljubljana.

The University of Ljubljana made a successful presentation at the traditional **Higher Education and Scholarships Fair in Zagreb** and **Rijeka** and at the **8th ZVONCE Education Fair in Belgrade**. By increasing its attendance at education fairs, the University has strengthened its international cooperation and academic mobility.



Scan the QR code and see the video.

At the University of Ljubljana we welcomed a *delegation from the Belgian Catholic University of Leuven*. During the visit, Vice-Rector Prof. Dr. Danny Pieters from the Catholic University of Leuven met with management representatives and researchers from various faculties of the University of Ljubljana. Among other things, he visited the recently constructed buildings of the Faculty of Chemistry and Chemical Technology and Faculty of Computer and Information Science. The visit was concluded with the signing of a strategic partnership memorandum.

At the *Faculty of Arts*, University of Ljubljana, we organised the *3rd international symposium* entitled *Why the world needs anthropologists?* in cooperation with the EASA Applied Anthropology Network, Research Centre of the Slovenian Academy of Sciences and Arts (ZRC SAZU), VU University Amsterdam, Campus CIELS Padova, Slovenian Ethnological and Anthropological Association KULA and the University of Delaware. The symposium was attended by 450 participants from 25 countries who discussed why anthropology is necessary for the resolution of hot global issues, such as climate change, political unrest and rapid development of technologies.

At the *Faculty of Pharmacy*, University of Ljubljana, we held the *2nd module of interuniversity European*

postgraduate education entitled *Non-clinical pharmaceutical and early clinical development*. Education was provided within the scope of the harmonised Pharma Train programme, which implements reliable standards for top quality postgraduate education and training in medicine development and brings together ten European universities. The programme featured twenty lectures given by domestic and foreign professors and lecturers from European regulatory bodies and pharmaceutical industry.

At the *Faculty of Civil and Geodetic Engineering*, University of Ljubljana, we participated in the organisation of the *Cloud-Assisted Services conference (CLASS 2015)*. The international conference focused on the subject of smart cities and communities, 4.0 industry and sustainable development.

At the *Faculty of Theology*, University of Ljubljana, we organised an *international science conference entitled Truth and Compassion*. The conference hosted 18 lecturers from Slovenia, Hungary, Poland and Russia. The main topic at the conference involved searching and getting to know the real questions and answers about truth and compassion and searching for ways to put them into practice worldwide with respect to events during and after World War II.

Prof. Dr. Danny Pieters, Vice-Rector of the Catholic University of Leuven and Prof. Dr. Ivan Svetlik, University of Ljubljana Rector upon the signing of a strategic partnership memorandum.





Representatives of the winning team from Faculty of Natural Sciences and Engineering from the University of Ljubljana for the Netko award (from left to right): Blaž Rat, Jure Abtik, Aljaž Podlogar in Matjaž Uršič
 Photo: Mediaspeed

The website of the **Faculty of Natural Sciences and Engineering**, University of Ljubljana, received the **Netko** award presented by the Slovenian Chamber of Commerce and Industry for the best online projects in the country. The Faculty received the award in the category of digital presence of state and public administration. The website was the result of the University of Ljubljana Internationalisation project.



Postgraduate students at the **Faculty of Mechanical Engineering**, University of Ljubljana, Jaka Pribošek and Matija Brumat won first place in strong international competition at the **Texas Instruments Innovation Challenge – Europe Design Contest**, organised every year by the Texas Instruments Corporation. Globally speaking, this is one of the largest contests in analogue electronics and integrated processor systems. It was attended by 320 teams from 187 European universities, in total over nine hundred students.

Postgraduate students of the University of Ljubljana developed a piezoelectric deformable mirror intended for the precise guidance of a laser beam in the award-winning assignment mentored by Prof. Dr. Janez Diaci.
 Photo: Texas Instruments Innovation Challenge (Twitter account: @AroundTI)



University of Ljubljana students who received awards for special achievements and engagement in extracurricular activities in 2015

University Week, commemorated every year at the beginning of December when the University celebrates its anniversary, was initially intended for the presentation of the most prominent research achievement of the University of Ljubljana. At the central event, a formal session of the Senate, we presented the highest awards (Honorary Doctor¹, Honorary Senator², “Pro Universitate Labacensi” plaquettes³, Golden plaquettes and certificates

of recognition for young university teachers and associates. Students were presented Prešeren awards and certificates of recognition for study achievements and engagement in extracurricular activities. Furthermore, we awarded University of Ljubljana professor emeritus titles to retired University teachers for their important contributions to the development of science and art and committed pursuit of pedagogical and mentorship work.

¹ Prof. Dr. Bengt Winblad received the title of the University of Ljubljana Honorary Doctor for his outstanding achievements in the research of age-related dementia and for his successful cooperation with the University of Ljubljana.

² Prof. Dubravka Tomšič Srebotnjak received the title of the University of Ljubljana Honorary Senator for her important contribution to the international reputation of the University and for her long-lasting outstanding artistic and pedagogical work in pianistics.

Dr. Justin Teissie, Research Councillor, received the title of the University of Ljubljana Honorary Senator for his long-standing cooperation in the education of postgraduate students, for his support to research work and for strengthening the public profile of the University of Ljubljana.

Prof. Dr. Franz Leberl received the title of the University of Ljubljana Honorary Senator for his outstanding commitment to universal academic excellence and important contribution to raising the quality of work at the Faculty of Computer and Information Science, University of Ljubljana.

³ ‘Pro universitate labacensi’ plaquettes are awarded to natural and legal persons who have made a major contribution with their assets or work to the development of the University’s material capacities or to the training of its associates. In 2015, the Pro Universitate Labacensi plaquette was presented to: Krka d.d., Novo mesto, Pahernik Foundation, Brdo Group (Mihaela Bauman Podojsteršek, professor emeritus Dr. Bojan Majes, Prof. Dr. Radovan Stanislav Pejovnik, Janez Topovšek and Prof. Dr. Nikolaj Zimic).



University of Ljubljana Honorary Doctor Prof. Bengt Winblad



Recipients of Pro Universitate Labacenci plaquettes



University of Ljubljana Honorary Senators: Prof. Dubravka Tomšič Srebotnjak (at the centre), Research Councillor Dr. Justin Teissie (right) and Prof. Dr. Franz Leberl (left)



Recipients of the title of University of Ljubljana professor emeritus

OVERVIEW OF HIGHLIGHTS FROM JANUARY TO MAY 2016

University of Ljubljana admitted to the Francophone University Agency

Opening of the Slovenian Innovation Hub

Scientists from the Faculty of Medicine, University of Ljubljana, the first to prove the link between the Zika virus and foetal brain damage

Signing ceremony for the Kazina land plot sales and purchase contract for the needs of the Academy of Music

Cooperation agreement concluded between the University of Ljubljana and University of Graz

Cooperation agreement concluded between the University of Ljubljana and Kyungpook University from Korea

Presentation of the University of Ljubljana at EDUfair in Belgrade and at Days of Education and Career in Skopje

Reception of University of Ljubljana student athletes, participants to the 3rd European Universities Games

The presentation of the Rector's award for the best innovation of the University of Ljubljana 2016

University of Ljubljana students started a project to manufacture an autonomous sailing boat that will be the first to cross the Atlantic

Adoption of the 'Rules on preventing conflicts of interest and terms and conditions for performing work outside the University of Ljubljana'

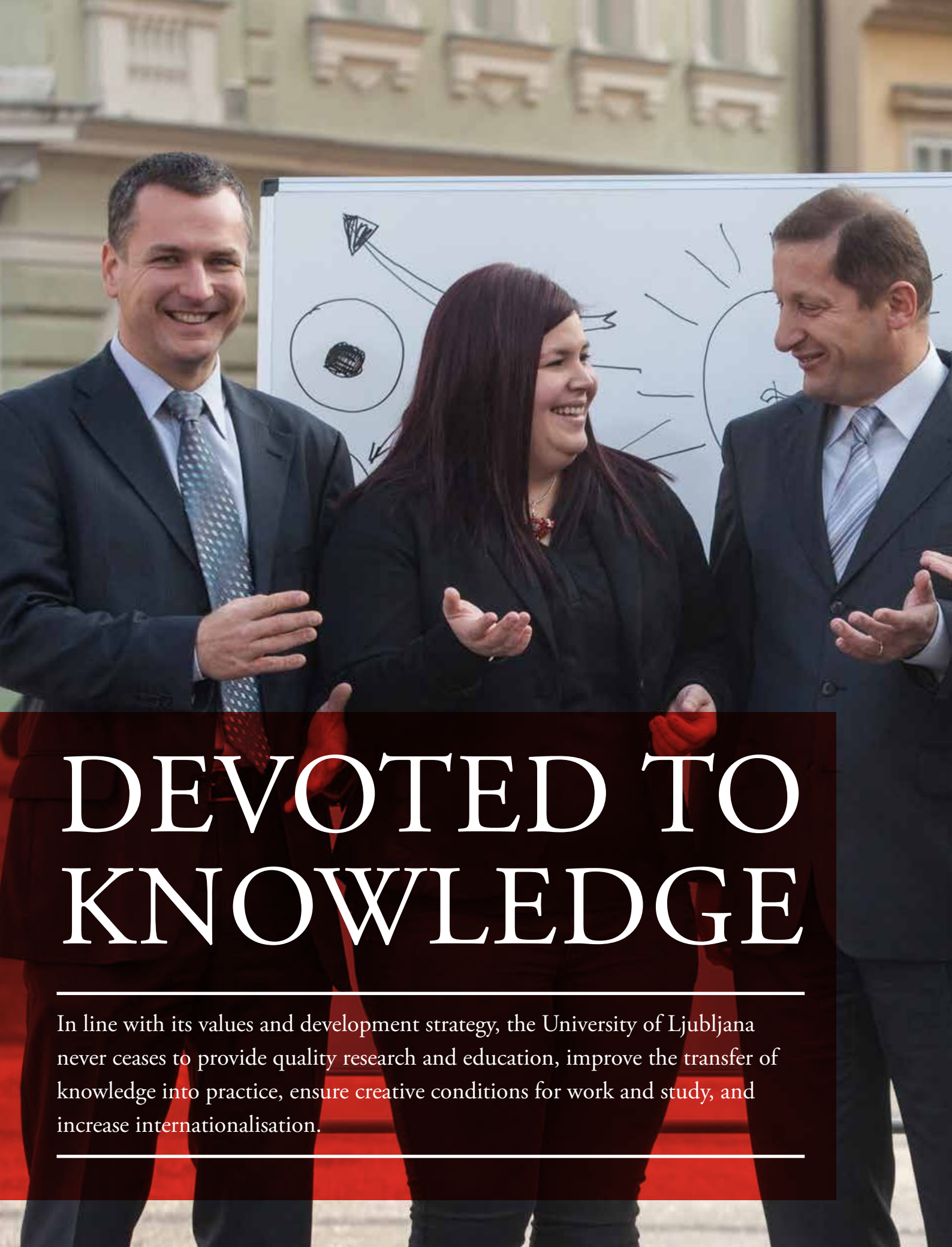
European Research Council approves prestigious financing for a research project by Prof. Dr. Tomaž Prosen from the Faculty of Mathematics and Physics, University of Ljubljana

Students from the Faculty of Law, University of Ljubljana, win the grand finale at the world competition in understanding European Union law

Organisation of the traditional University goes to market festival

Presentation of awards for important works of art





DEVOTED TO KNOWLEDGE

In line with its values and development strategy, the University of Ljubljana never ceases to provide quality research and education, improve the transfer of knowledge into practice, ensure creative conditions for work and study, and increase internationalisation.



Authors of the most renowned research achievements of the University of Ljubljana in 2015 from the Faculty of Economics, Faculty of Chemistry and Chemical Technology and Faculty of Medicine



EDUCATION

In 2015/2016, 37,500.5 students enrolled in full-time study programmes of all three cycles, and 3,333 students enrolled in part-time studies. In total, 40,833.5 students enrolled in the University of Ljubljana last year, which is 2088 students (five percent) fewer than in the 2014/2015 academic year. Female students account for 24,331 of the total, which represents sixty percent of all students enrolled. Studies at the University of Ljubljana are completed by more than half of the bachelor students in Slovenia, more than two thirds of master students and specialists and over eighty percent of doctors of science.

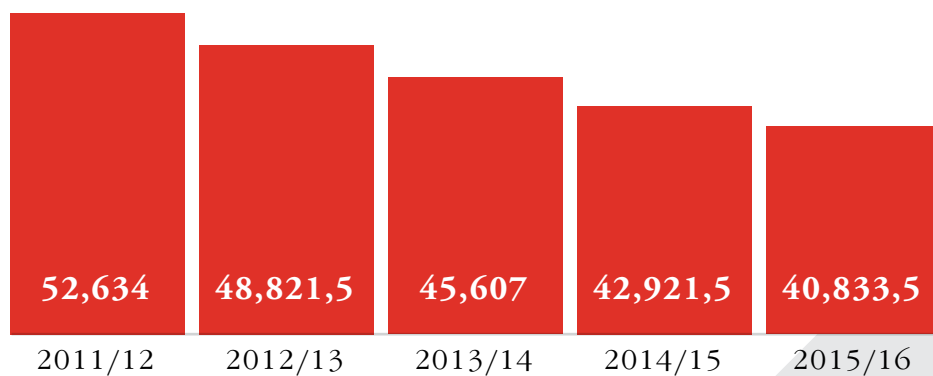
The number of enrolled students in 2015/2016 indicates successful pursuit of the University's strategic goal to reduce the number of students in order to raise the quality of study. The decreased number of students is also due to demographic changes expected to continue for at least another five years.

To foster the quality of studies at the University, we intend to improve the structure of study programmes and shorten the study time by further encouraging daily study work, thus improving progression rates to further study years.

Prof. Dr. GORAN TURK
*Vice-Rector for
Pedagogical Work*



NUMBER OF ENROLLED STUDENTS



Number of students enrolled in all three cycles between 2011 and 2016⁽¹⁾

¹The University of Ljubljana implements a joint programme with the University of Maribor; hence, each university takes into account half of the students enrolled in the programme in its student records.

Internationalisation in educational activities

To make the University of Ljubljana the leading university in the wider region, the University is increasing its involvement in international research projects along with the volume of funds thus acquired. In the 2012-2020 period, the number of student exchanges is set to increase by a third and the number of foreign students, professors and researchers is set to increase by a quarter.

In 2015, the University of Ljubljana Internationalisation project was completed. Within its scope the University obtained five foreign professors, hosted 140 appearances by foreign experts and held 19 international workshops for students and 11 international workshops for professors and associates.

The University of Ljubljana has 79 foreign citizens employed full-time, 30 of whom are professors. 637 foreign professors and associates participated in the study process of one or at least a part of a course, which was 176 (38 percent) more than in 2014.

Within the scope of exchange programmes, 429 University professors and associates went abroad on exchange, i.e. 151 (54 percent) more than in 2014. In 2015, 419 students received practical training abroad, 122 students (41 percent) more than in 2014. Students going abroad on student exchange totalled 1325, and 1813 students came to study from abroad. The University also successfully applied

to the Erasmus+ mobility project with partner institutions outside Europe.

We started developing a network of universities through which we seek to establish long-term, comprehensive and in-depth cooperation. As a rule, the University concludes strategic cooperation agreements with them. In 2015, we signed a strategic cooperation agreement with the Catholic University of Leuven, under which several projects are already moving forward pursuant to the adopted action plan. Similar cooperation in Europe takes place with the Karl Franzes University in Graz, Technical University of Berlin and the University of Trieste. 2015 also saw us establish a platform for long-term cooperation in doctoral studies with universities from former Yugoslavia, particularly with the University of Belgrade, University of Zagreb and University of Novi Sad. The second region of focus is Southeast Asia, where the University has established long-term cooperation with KNU University in Daegu, South Korea.

In order to attract foreign students, studies at the University of Ljubljana were presented at higher education fairs in the Balkans (Sarajevo University Fair and the 8th Zvonce Education Fair) and at the EAIE Conference. University of Ljubljana presentations at fairs and conferences are also planned for 2016.

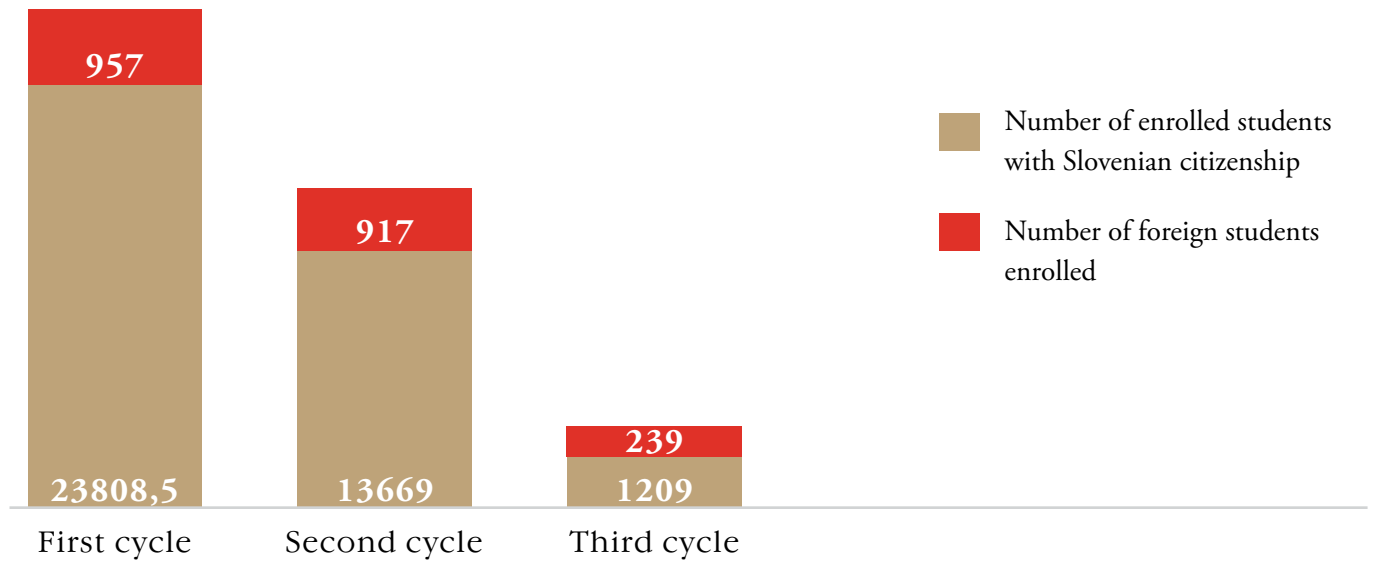
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KATJA CERJAK,
Assistant Secretary General at the University Office for International Relations



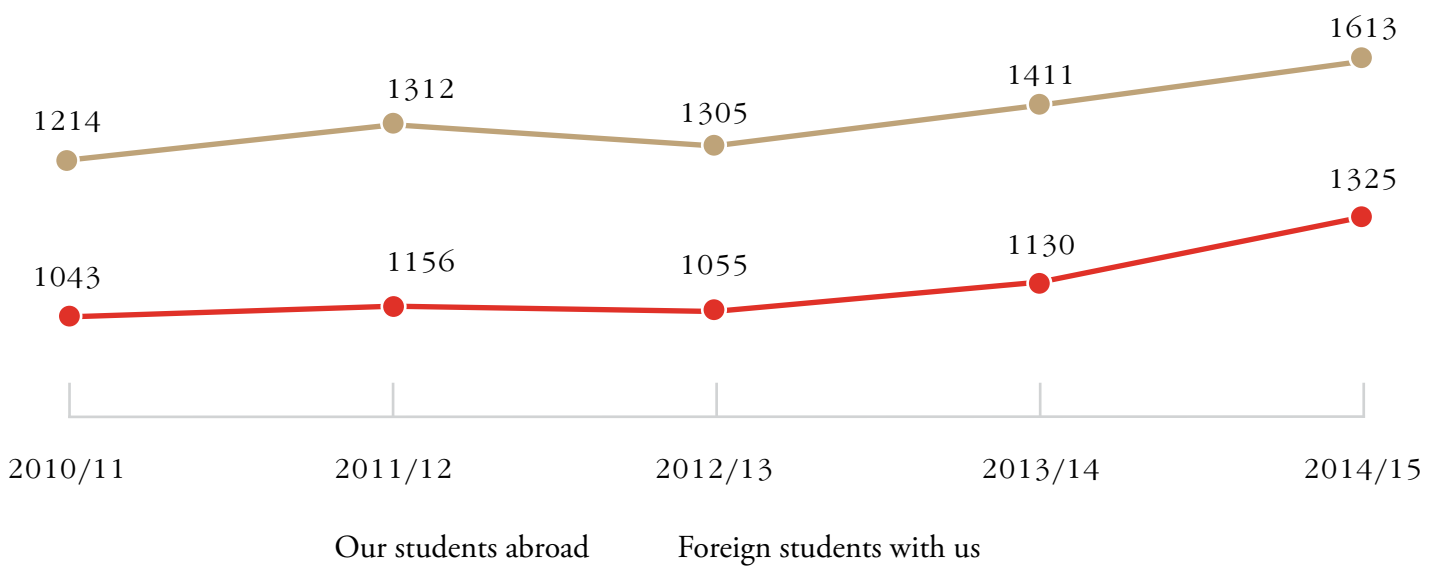
NUMBER OF ENROLLED FOREIGN STUDENTS

Number of enrolled foreign students with respect to all students enrolled in 2015



STUDENT EXCHANGE

The number of all students on exchange by academic year from 2010 to 2015 in all three cycles




QUALITY

In line with its values and development strategy, the University of Ljubljana continuously strengthens the quality of research and education, improves the transfer of knowledge into practice, ensures creative conditions for work and study, and increases internationalisation. Under the University of Ljubljana Quality (KUL) project, which was completed in June 2015 after three productive years, the University of Ljubljana made comprehensive upgrades to its quality system. Participatory leadership was used to develop a quality culture. This approach included individuals and changed the organisational culture, consequently, also at the institutional level. The impact of the KUL project on the development of a quality culture was evident through an increased number of proposals for measures pertaining to quality, leadership and management presented in reports by University members.

We are carefully providing opportunities for cooperation, raising awareness and creativity in order to make improvements to University quality, also following the completion of the KUL project. A tender for the next three years of enhancement-led visits was completed, and training has been provided for improved cooperation of all employees and for the use of modern learning and teaching methods. The activities of the KUL project, particularly general training courses and enhancement-led visits, provided the University of Ljubljana with a priceless network of individuals, thus facilitating future cooperation in quality development.

The approaches used and developed in the KUL project were successfully presented at the European Quality Assurance Forum held in London and were successfully used and presented within the scope of the Tempus EUREQA project, intended for the development of such systems and a culture of quality at universities in the Southeast Balkans.



A photograph of several students sitting at desks in a classroom or lecture hall. They are looking towards the left side of the frame, appearing to be listening or participating in a lecture. The students are diverse in age and appearance. The background shows large windows with vertical blinds, letting in bright light. A red diagonal graphic element is overlaid on the bottom left of the image.

Many University members obtain numerous initiatives for quality improvements through intensive involvement in international evaluations and accreditations. This involvement gives the University insight into breakthrough ideas from world-wide quality system upgrades in higher education and, at the same time, serves as a platform for disseminating its own successfully developed knowledge and ideas in the European educational sphere.

PETRA PONGRAC

vodja Head of the University Office for Quality Assurance, Analyses and Reporting

First and second cycle

The 2015/2016 academic year has seen 24,765.5 students enrolled in first cycle study programmes and 14,586 enrolled in second cycle programmes, which is 1784 (seven percent) fewer students and 265 (two percent) more, respectively, than in 2014/2015.

New interdisciplinary second cycle programmes are being designed to remove obstacles between professions and disciplines. University of Ljubljana members have also increased the intensity of their cooperation in the implementation of study programmes. In 2015, calls to enrol in study programmes for all three cycles were prepared at the same time; the application procedure for candidates with foreign certificates is simplified and more closely linked to the recognition of foreign education for enrolment in the University of Ljubljana. More study content is now provided through IT for more interactivity and distance learning. The promotion of University of Ljubljana study has been broadened to facilitate selection of study programmes for candidates and increase their motivation.

In 2015/2016, 23 first and second cycle programmes are planned to be offered in a foreign language.



The University of Ljubljana provides accredited first and second cycle study programmes in all areas of International Standard Classification of Education (ISCED) as well as interdisciplinary and joint programmes with partner institutions at home and abroad.

POLONCA MIKLAVC VALENČIČ
*Assistant General Secretary at the
University Office for First and Second
Cycle Study*



In 2015, the University of Ljubljana awarded its 10,000th PhD degree, strengthened its cooperation with partners in Slovenia and abroad, concluded new cooperation agreements with research institutes, took an active role in the European University Association Council for Doctoral Education and entered the Regional Platform for Benchmarking and Cooperation in Higher Education and Research.

Prof. Dr. ALEKSANDRA
KANJUO MRČELA
Head of Doctoral School



Third cycle

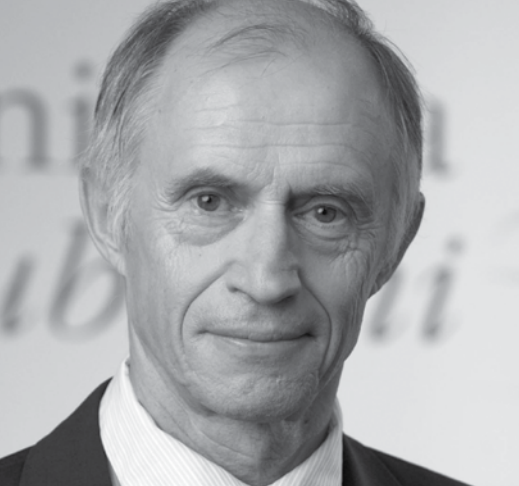
In the 2015/2016 academic year, 1448 students were enrolled in third cycle studies, which is 201 (12 percent) fewer than the year before. One of the reasons behind the reduced enrolment in doctoral studies is a non-regulated system of (co)funding for doctoral studies in Slovenia. No public funds for (co)financing or PhD scholarships were provided for the generations of students beginning doctoral studies in the 2013/2014, 2014/2015 and 2015/2016 academic years, except under the public call for young researchers.

In 2015, a strategy was developed to promote doctoral studies, and a programme of activities was adopted for Doctoral School, particularly in international cooperation. Activities to connect with partners in Slovenia and abroad were strengthened, agreements were made with research institutes, and the University entered the Regional Platform for Benchmarking and Cooperation in Higher Education and Research. Within the scope of the Platform, joint quality standards for doctoral studies were laid down and preparation of a joint Energy study programme initiated.

We continued to participate in the European University Association Council for Doctoral Education and further strengthened our cooperation with the University of Graz by holding a joint PhD seminar in 2016.

We successfully completed activities in the procedure of extension of the accreditation of all PhD study programmes that expire at the end of the 2015/2016 academic year. The documents were submitted to the Slovenian Quality Assurance Agency for Higher Education, which will decide on another seven-year extension.

For its PhD studies, the University will strive to intensify interdisciplinary collaboration within the University of Ljubljana and with the leading research institutes in Slovenia. Already, the resulting renewed PhD programme Materials is in preparation which will include all major domestic research institutes in this field.



By promoting excellent science, interdisciplinary research and cooperation with other domestic and foreign universities and research institutions, we contribute our share to both the global and Slovenian treasury of knowledge, transferring it to students and the wider community.

Prof. Dr. MARTIN ČOPIČ
Vice-Rector for Scientific Research

RESEARCH

In 2015, great attention was placed on the career development of researchers, strengthening and promoting the Doctoral School and research achievements. We closely cooperated with research institutes and intensified our efforts to obtain European and other research projects and cooperate in international research groups.

The University of Ljubljana has 3946 researchers registered with the Slovenian Research Agency (ARRS). They participate in 288 research groups, which places the University of Ljubljana as the largest of Slovenian research organisations.

In 2015, 2404 articles were published in journals with the Web of Science (WoS) citation index, i.e. 123 articles fewer than in 2014. With respect to the number of registered researchers at the University of Ljubljana, the number of publications in 2015 was still quite high. Despite that, we note a negative trend that is beginning to be visible due to reduced funding for research activities.

In 2015, we participated in 196 research programmes, fifty applied projects, 147 basic projects, 38 targeted research programmes and nine scientific projects financed by the Slovenian Research Agency. Through the mentioned projects, the University trained 331 young researchers, 16 postdoctoral researchers with a postdoctoral project at the Slovenian Research Agency and 14 postdoctoral researchers who are not financed by the Slovenian Research Agency.

In terms of expanding international cooperation, 171 foreign researchers participated in projects at the University of Ljubljana, which is sixty (54 percent) more than the year before. In the other direction, 72 of our researchers went abroad on exchange and participated in educational and scientific research processes, 23 (46 percent) more than in 2014.

For 2015, the University of Ljubljana earmarked some €55.26 million for research and development projects and programmes, which is €1.26 million more than in 2014. This was also due to our participation in European and international projects, since the drawing of development funds in European and international projects increased by approximately €2 million.

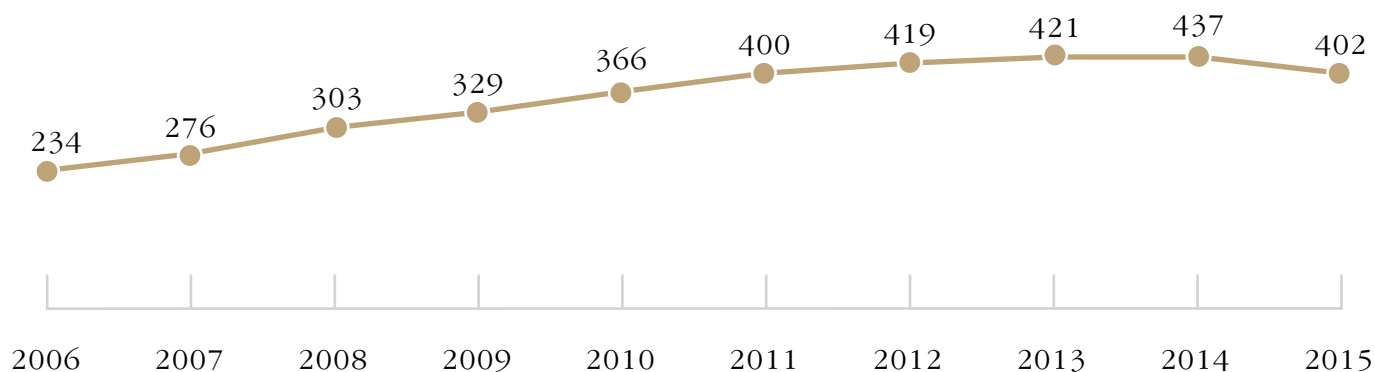
With 38 approved projects under the Horizon 2020 programme, the University of Ljubljana in 2015 kept its position as the most successful research organisation from new EU Member States (EU13) and as the most successful organisation in Slovenia in terms of acquired funds. The total number of

European projects implemented in 2015 at the University of Ljubljana decreased with respect to the previous year, i.e. dropped to 402 projects. This reduced number is

primarily the result of the fact that almost no open calls from European structural funds have been published for two years.

NUMBER OF EU PROJECTS

Number of ongoing projects by year



Number of ongoing projects by year

After a successful internal evaluation of the action plan for the University of Ljubljana Career Development Strategy, the European Commission approved the further use of the Excellence in Research logo. Hence, the University continues introducing measures to provide open recruitment of teachers and researchers and to improve conditions for their career development.

In the future, the University plans to improve excellence in research and to increase its engagement in European and other international research projects. In particular, it seeks to attract experienced foreign researchers through the Marie Curie Individual Fellowships financial scheme and increase the number of successful applications by researchers to open calls published by the European Research Council.



A major contribution to the internationalisation of the University of Ljubljana is made by researchers engaged in excellent European and international research consortia.

Mag. STAŠKA MRAK JAMNIK

Assistant Secretary General at the University Office for European Projects

KNOWLEDGE TRANSFER

Scientific research, business and the public sector are brought together in all fields developed at the University of Ljubljana in terms of education, research and consulting. The purpose of such integration is to transfer knowledge and services into the economy and wider society effectively and promptly. This is achieved through consulting, research and development, employment of our graduates, promotion of entrepreneurship, inclusion of practical experts in education and research, and through lifelong learning, training and specialisation programmes.

In 2015, 674 projects were carried out in cooperation with the business sector, exceeding an annual value of €9 million; 244 projects lasted over a year, 430 projects lasted up to a year, eighty projects were carried out in partnerships and 594 projects were ordered.

We hosted 607 experts from the corporate and public sectors and 473 professors, associates or researchers from Slovenian research institutes who were involved in the pedagogical process. In the other direction, 312 University of Ljubljana professors, colleagues and researchers participated at other research institutes in Slovenia.

In cooperation with other universities, research organisations and the Slovenian Government, the University of Ljubljana has made efforts to establish a national consortium for knowledge transfer that would improve the efficiency of transfer from university and research laboratories to both public applications and business commercialisation.

Strategic policies for knowledge transfer are pursued by strengthening, connecting and developing organisational units for knowledge transfer, developing new forms of knowledge transfer, organising events to promote good practices in knowledge transfer and developing lifelong learning programmes.

Prof. Dr. TANJA MIHALIČ
Vice-Rector for Knowledge Transfer



Organisation types for the transfer of knowledge into practice

In 2015, we established the Slovenian Innovation Hub, which started its activities in 2016 to connect and promote R&D teams in academic and business spheres. Along these lines, we also established the University of Ljubljana global alumni and associates network (SMUL) to bring together scientists, professors and other respectable persons connected with Slovenia and who work in academic, research and development spheres abroad. In the Creative Way to Practical Knowledge project, we sought creative and innovative solutions for a variety of practical challenges posed by companies. We continued the tradition of granting the Rector's Award for the best Innovation of the University of Ljubljana, which has connected researchers and students with the world of entrepreneurship for the past six years, and for the first time we organised the international Falling Walls Lab event, intended for the presentation of breakthrough research works, business plans, innovative projects and ideas by young persons.

The Social Entrepreneurship Centre, an interdisciplinary consortium of University of Ljubljana members, was established to develop research, education, counselling and other support activities in social entrepreneurship. The activities of career centres are strengthened every year, thus promoting cooperation with employers, organisations and alumni clubs.

Personal and professional development of students

We have strengthened cooperation with the career centres of several European universities and thus upgraded Skype services for career counselling for students interested in career opportunities in France, Hungary, Germany, Poland, Spain and Great Britain. During the project, we developed and organised educational and other events intended for building connections between students and employers. The events have become well-established among students, employers and the general public and quite popular. The events included "Challenges Abroad", career fairs, the so-called speed-dates with employers, the Elevator pitch festival, "Ready for Entrepreneurship", open days of University of Ljubljana Career Centres, career camp, "Build up your competences", establishing connections with the fastest growing Slovenian companies and organising selection procedure simulations in cooperation with the Department of Psychology from the Faculty of Arts, University of Ljubljana.

Pursuant to the Rules on Extracurricular Activities at the University of Ljubljana, 35 syllabuses for extracurricular sports activities were confirmed which will apply to the forthcoming seven year period. In addition to sports activities, the



Globalisation provides and requires ongoing adjustments and keeping track of changes. Our office aims to prepare students for such challenges even during their studies. We continuously enhance and upgrade services that allow them to develop soft skills and other competences, integrate into the international environment and cooperate interactively with foreign students and career counsellors.

MAJA DIZDAREVIĆ
*Head of Centre for Students' Personal
and Professional Development*

adopted rules have encouraged faculties/academies to evaluate other extracurricular activities as well. Among the first were the Legal Clinic for Refugees and Foreigners at the Faculty of Law, Project-Based and Experiential Learning at the Faculty of Civil and Geodetic Engineering and Tutelage at the Faculty of Social Sciences, University of Ljubljana.

In 2015, Sports activities at the University of Ljubljana included a variety of programmes differing in volume, quality, standard and purpose. The offer includes programmes by the Centre for Extracurricular Activities (former Centre for University Sports), elective courses offered by certain University members and competitive sports programmes within the scope of the University of Ljubljana Sports Association (ŠZUL) and the Slovenian University Sports Association (SUSA). In the current academic year, students can choose from an expanded set of seasonal sports and recreation programmes, such as alpine skiing, sports and recreation, outdoor jogging and baseball. Students were also invited to attend the so-called sports holidays events, which are becoming increasingly popular.

Ljubljana University Incubator (LUI)

The Ljubljana University Incubator (LUI) enables entrepreneurs and all those aspiring to test their ideas in the economy. We strive to win international recognition, the best starting point for new companies to enter global markets.

In 2015, we carried out over seventy workshops for young entrepreneurs and those teeming with entrepreneurial ideas, supported 32 innovative ideas within the scope of the Rector's top innovation award contest, organised counselling and start-up weekends for students, took part in the "Creative Way to Practical Knowledge" projects and participated in the international Demola project, which brings together universities, companies, students, young graduates and secondary school students.

We continued our partnerships with various organisations and supported 135 start-up companies by the end of 2015. As many as 95 percent of the companies included in LUI are still in operation, and 42 percent of the companies incubated at LUI and alumni have already penetrated foreign markets.

Innovation and Development Institute of the University of Ljubljana (IRI UL)

The Institute (IRI UL) was founded by the University of Ljubljana together with ten technologically advanced and successful Slovenian companies as a non-profit organisation under public interest. Its purpose is to promote the creation, transfer, dissemination and use of knowledge as well as the integration of the innovation triangle (research-education-innovation) through the transfer of research results into practice and their commercial use.

In 2015, the most important activities of IRI UL were focused on the energy efficiency improvement of University buildings. The Institute set up a central information system and included all University members in it. The central information system provides the basis for real-time data acquisition on energy use and is currently the only energy bookkeeping system of such scale in Slovenia. Furthermore, IRI UL cooperates with University members in the preparation of technical documents for energy efficiency improvements to their buildings and gives them advice on energy saving measures.

In 2015, the Institute successfully completed the TRAP-EE project (training for caretakers) and started coordinating a new CompoHub project. The key goal of the new project is to develop an educational programme and online educational platform for the development of employee competences in composite technologies.



Inventions and patents

Activities concerning intellectual property included procedures to acquire and protect employment-related inventions. The Rules on the management of industrial property rights at the University of Ljubljana were revised and now include the University members employing inventors in the invention acquisition procedure. Furthermore, the Rules adopted in 2016 cover unprotected know-how that provides marketing opportunities to interested users.

In 2015, we received 12 applications for new employment-related inventions and filed six new patent applications in Slovenia and two in Europe. Notably, seven Slovenian patents were granted in 2015 for patent applications filed by the University in past years.

The purpose of knowledge transfer from the University of Ljubljana into the economy is to focus on the Slovenian and international environments, which is why we have established and further strengthened cooperation in technology transfer within the scope of strategic partnerships with foreign universities.

Dr. MARIJAN LEBAN
Assistant Secretary General at the
University Office for Research,
Development and Intellectual Property



ART

The University of Ljubljana Council for the Arts pursues a mission to present cultural events and achievements in art. It enriches the wider academic community, promotes new forms of presenting works of art, improves the environment for the cooperation of art performers and performers from other study programmes through panel discussions and promotes cooperation with artists from Slovenia and abroad.

In 2015, we organised panel discussions on the topic of art and implemented the first international summer school of cultural management in cooperation with the Faculty of Economics at the University of Ljubljana and all major cultural institutions in Ljubljana, such as Cankarjev dom, Festival Ljubljana, the Slovenian Philharmonic and the National Gallery. Special attention was placed on the opening of a year-round exhibition for the 70th anniversary of the Academy of Fine Arts and Design, University of Ljubljana, featuring pieces never before exhibited.

We showcased the departments and students of the Academy of Fine Arts and Design (sculpture, conservation and unique design). We screened films in several cinemas across Slovenia and produced theatre performances at the Academy of Theatre, Film, Radio and Television. The Academy of Music presented itself at several performances, including a show in Gallus Hall of Cankarjev dom, featuring the Chinese conductor En Shao and cellist Sebastian Bertoncelj.

We also took an active role promoting choir singing. The Tone Tomšič Academic Choir brings together students of the University of Ljubljana and will celebrate its 90th anniversary in 2016. To this end, the choir has been preparing a special jubilee season of various events and a gala concert.

Our future goal is to establish third cycle art studies, which are missing in this education system, as soon as possible. We will continue our work to enter art into the registry of scientific research areas, as maintained by the Slovenian Research Agency, and to pursue interdisciplinary activities in art.





With the help of partner cultural centres, we strive to present artistic achievements and excellence to the international community, where they belong.

Prof. MATEJ ZUPAN
Vice-Rector for Arts



Theses and research publications will be available to everyone via online access to the University of Ljubljana Repository. This will make the University intellectual production even more integrated in the global knowledge treasury, which will be the basis for its further development.

Dr. MOJCA KOTAR
*Assistant Secretary General at the
University Office of Library Services*



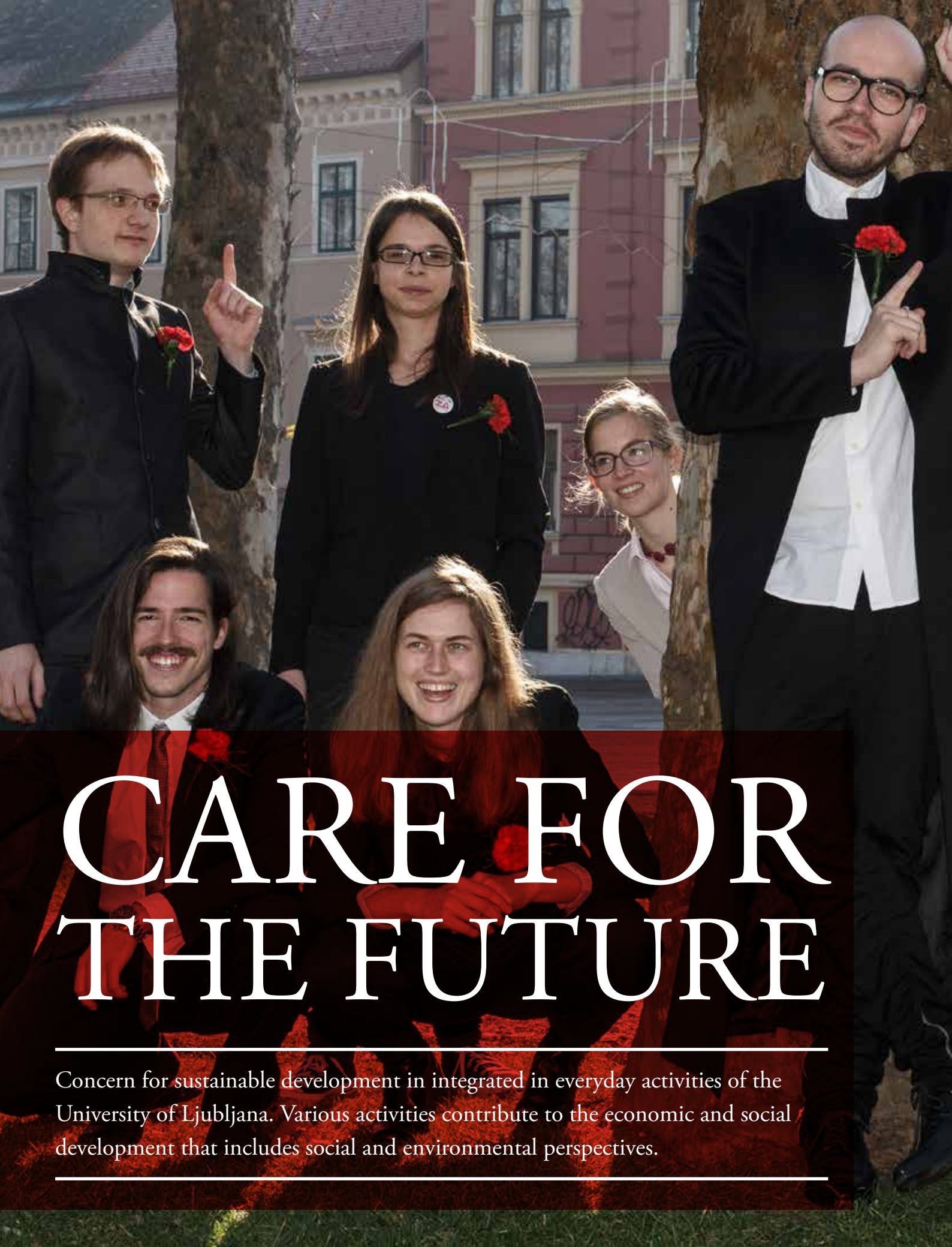
LIBRARY ACTIVITY

In 2015, the University of Ljubljana adopted updated overarching Rules on General Terms of Operation of the University Libraries and implemented a joint public procurement for eight University members for the purchase of foreign scientific and professional journals in the 2015-2017 period. To access electronic information sources by the most prominent international publishers, we participated in nine Slovenian consortia in the past year. We adopted the rules on content similarity detection and on the temporary inaccessibility of content of the written final work of studies, acquired the tools for content similarity detection (Turnitin), and started using the Repository of the University of Ljubljana (RUL) for the collection, storage and provision of electronic written final works of studies to the public.

Under the directives of the European OpenAIRE2020 project (Horizon 2020), the University transferred novelties into the Slovenian environment, such as the National Open Access Desk, i.e. in association with the Repository of the University of Ljubljana, on the national openaccess.si information portal and within the scope of the open access working group at the Ministry of Education, Science and Sport.

The University has gradually transformed to an environment of open access regarding peer-reviewed scientific publications and research data. The University research achievements will thus be available to a larger number of users, and it is expected that they will become more visible and cited. Open access is part of open science, developed at the European level, and the University will hence be able to keep track of developments in the open science environment.

In 2016, provisions are planned for the submission of publications by University researchers to the Repository of the University of Ljubljana, the continuation of activities to establish the university library as an internal University unit and to gradually establish joint implementation of works and services.



CARE FOR THE FUTURE

Concern for sustainable development is integrated in everyday activities of the University of Ljubljana. Various activities contribute to the economic and social development that includes social and environmental perspectives.



*The winners of the University of
Ljubljana Prešeren Awards in 2015*

Creative conditions for work and study

A university can only be successful in its mission if it has highly motivated, engaged and excellent professors, researchers, experts and students. Therefore, the University of Ljubljana provides creative conditions to work and study that promote engagement in work and studies among students and employees while providing them with a quality career and student life. **Summer schools** in various disciplines are organised regularly and **alumni clubs** have been set up to establish and develop cooperation with graduates and promote the economy and public sector.

Aware of the importance of knowledge applicability and ability to obtain own financial resources, we have also developed **commercial activities**, closely linking the University with the Slovenian economy and foreign companies. Our partners are multinational corporations and top Slovenian companies.

A high-profile event held in 2015 was the opening ceremony for the **high-tech research and development centre Renishaw Tehnični inženiring** at the **Faculty of Electrical Engineering**, University of Ljubljana, which is the result of long-standing successful cooperation between the Faculty and the leading Renishaw engineering company from England. The centre will take care of the design, development and supply of integrated circuits and sensor technologies for the Renishaw Group. Faculty graduates will be invited to participate and seek employment.

Within the scope of the **Technological support for people with dementia in the community** project, the **Faculty of Social Work**, University of Ljubljana, cooperated with Comensus Company. The project was implemented within the scope of the "Creative Way to Practical Knowledge" tender. It was co-financed by the European Social Fund within the frame of the Ministry of Education, Science and Sport.

The **Faculty of Computer and Information Science** at the University of Ljubljana has collaborated with different companies for several years, preparing various challenges for students. In 2015, the world renowned Zemanta Company again prepared **a competition for the best programming solution**, where the winners also got the opportunity to do paid summer internship at Zemanta Company. The international Comtrade Company has enabled students for the 4th time in a row to obtain credit points based on resolving challenges and a chance to acquire further knowledge.

The strategic policy to internationalise the University of Ljubljana is also supported in communications. Hence, we will communicate with different audiences abroad pursuant to our plans and targets. In the first half of 2016, this was the way to attract future foreign students and we also issued the University of Ljubljana Echo bulletin, intended for the foreign academic sphere.

Mag. JANA LUTOVAC LAH
*Rector's Assistant for Organisation
and Communication and Head of the
Rector's Cabinet*





To identify and improve student satisfaction with courses and lecturers, the **Faculty of Economics**, University of Ljubljana, started the campaign **Your opinion matters**. Students were encouraged to submit their opinions and were kept informed of their wishes and of the changes made based on their opinions through a communication campaign. Communication was carried out in Slovenian and English.

The **Faculty of Electrical Engineering**, University of Ljubljana, opened a **Creative classroom FE or KUFE**, i.e. a new multi-purpose room intended for secondary school and university students. It hosts different workshops, lectures, courses and other topical sessions. At the end of 2015, the new creative classroom was a place where creative electronic New Year's decorations were made. By moving the computer classroom, the lobby of the Faculty was turned into a quality **'living room'** where students and employees socialise and hold social events.

The **Faculty of Maritime Studies and Transport**, University of Ljubljana, provides comprehensive and financial support for **student involvement in extracurricular activities**, where the men's and women's rowing teams and the sailing team have achieved top results at international regattas. This way,

we strengthen collective spirits, sportsmanship and the sense of belonging to the Faculty as well as develop its public profile.

The **Faculty of Administration** at the University of Ljubljana introduced a **tutor classroom in the Moodle system**. All interested students can access frequently asked questions and answers in this open source system used for setting up online classrooms. Tutor assistance can hence be more effective.

In 2015, the **Faculty of Arts** at the University of Ljubljana placed more attention on the satisfaction and health of its employees. Among other, we started doing **physical exercise** and promoted walking up the stairs of the Faculty. We organised sports activities within the scope of the Dean's Day, **lectures to the topic of healthy diet and exercise**, set up an intranet site to the topic of health promotion and provided employee training on occupational health and safety and fire safety.

The University **Rectorate** arranged a self-service corner for food preparation, allowing for a pleasant break during working hours. Once a week, employees can attend recreation at the gym.

Internal communication

In 2015, we continued the weekly Rector's Colleges, monthly Colleges of the Deans, regular Secretary General Colleges and Colleges of Associate Secretaries, meetings with representatives of the University of Ljubljana Student Council and regular monthly colleges of public relations associates within the scope of internal communication.

Special attention was placed on students for whom we organised the "*Freshmen Welcome*" event. For the first time, foreign students studying at the University of Ljubljana were actively involved in the event. During the 2015 *University Week*, we presented top university awards and titles, paid tribute to the best student athletes at the Rector's reception and met with former rector teams. We started issuing an internal newsletter for all employees called *e-Univerzitetnik*.

Media relations

In media relations, the University of Ljubljana for the first time measured the appearance of the University and its members in Slovenian media. The University of Ljubljana appeared in the media in 2587 cases. In more than seventy percent of cases, the publications were neutral, while 15 percent of publications in the first half of the year were unfavourable; this percentage fell to five percent in the second half of the year. In that period, the favourability of reporting also rose, i.e. from 14 to 23 percent.



In harmony with the environment

With a vision in sustainable energy management, we wish to become a reference example for public sector buildings. This refers to energy efficiency and the use of locally available renewable energy sources as well as to a quality internal environment. This way, the University buildings will be among the most efficient ones within the public building stock, as EU and national targets for rational energy use in buildings will be surpassed before 2020. Each member of the University will be able to identify itself with the energy strategy and energy has been defined as one of the key areas that are the focus of applied research and commercialisation of research results.

Environmental goals are closely related with a number of activities to reduce energy consumption and limit emissions in the environment. In 2015, the **Faculty of Social Sciences**, University of Ljubljana, completed the **energy rationalisation project**, aimed at rational use of energy, and obtained the energy performance certificate for the building.

The **Faculty of Electrical Engineering** at the University of Ljubljana has **disposed of waste in an ecological manner** for a number of years. All waste is separated and most of it is recycled, for which environmental waste disposal certificates are received. Waste stationery is redeemed and the amount is accounted for under waste removal services, which represents considerable savings on annual level. Offices and restrooms are cleaned using **ecological cleaning agents**.

The **Faculty of Education** at the University of Ljubljana has been involved in the **Eco-School** programme since 2014. The programme brings together educational institutions striving to achieve the goals of environmental upbringing and education and actualise sustainable development among young persons. Within the scope of the environmental programme implemented, we cooperate with employees and students. In 2015, emphasis was placed on raising the students and employees' awareness on the importance of sustainable management of available resources, reducing and preventing waste generation as well as on training students and future teachers to teach sustainable contents.

The **Faculty of Computer and Information Science** at the University of Ljubljana put into service a **charging station for electric cars**, donated by Schneider Electronic Slovenia. Its installation will provide the Faculty with the necessary infrastructure to develop electrical mobility. Electric cars can be charged by employees, students and visitors to the Faculty.

At the students' initiative, the **Veterinary Faculty** at the University of Ljubljana commenced activities to arrange an **eco-point** for hanging out in the Faculty park. With the help of employees, students created a pleasant setting with benches and a table for student and employee socialising.





Responsibility to society

Responsibility to the society is included in everyday activities through various projects and events, thus realising the mission of the University of Ljubljana. In 2015, we organised the founding meeting of members of the **University of Ljubljana global alumni and associates network (SMUL)**, which was established as one of the activities to raise the quality of study programmes and strengthen the international cooperation and reputation of the University. We put into action the **Slovenian Innovation Hub**, the basic objective of which is to contribute to the development of a knowledge-based economy and raise our international competitiveness. In 2015, our humanitarian activities were largely related to the European migrant crisis.

The **Faculty of Social Sciences** at the University of Ljubljana supported several humanitarian actions organised by student clubs or other interest groupings. In December, we collected school supplies and books, and donated the funds collected in the sale of cards and pastry to the **Draw a smile on children's faces** action, organised by the Kameleon Slovenija Society. We also organised the traditional charity concert and donated the proceeds to the **Red Noses** charity organisation.

In the Laboratory of Robotics at the **Faculty of Electrical Engineering**, University of Ljubljana, a physically impaired Faculty student participates in Team Avalanche within the scope of the **international Cybathlon competition**. The team is creating a prototype of a wheelchair powered by an electric motor in order to enable physically impaired persons to overcome obstacles in the urban environment, including walking up and down the stairs.

Since the end of September 2015, the Department of Slovenian Studies was reopened at the Faculty of Philosophy, University of Sarajevo, after 23 years and the **Faculty of Arts**, University of Ljubljana, reopened the **Slovenian Language Department**, which was terminated years ago by the war in Bosnia and Herzegovina. The Slovenian Language Department in Sarajevo is vital for strengthening academic relations, joint projects, cooperation in culture and economy as well as for the Slovenian community living there.

The **Faculty of Administration**, University of Ljubljana, for the first time held the event **Administration goes in the right direction** in cooperation with the Student Organisation and Student Council. The event was organised to develop ideas to improve the operations of public administration.



During intensive migrant flows, the Slovenian Red Cross and regional coordinators invited the **Faculty of Health Sciences**, University of Ljubljana, to participate in *treatment of migrants/refugees at holding centres*. Faculty staff and students included in activities at holding centres. In parallel, the Faculty held a campaign to collect second-hand clothes and shoes.

The **Faculty of Medicine** also prepared a *scientific conference to the topic of Migrations and healthcare* in cooperation with the Faculty of Arts. The meeting was intended for an exchange of knowledge and experience in the medical treatment of refugees and migrants in Slovenia and for the presentation of good practices. Furthermore, a high-profile humanitarian campaign entitled *Collecting aid for refugees* was carried out at the **Faculty of Natural Sciences and Engineering**, University of Ljubljana. Employees and students collected blankets, clothes, shoes, food, hygienic and cosmetic products and toys.

The **Faculty of Law** has established a *Legal Clinic for Refugees and Foreigners*. Its purpose is to raise awareness among the expert public on the refugee issue and foreigners' rights, as well as to accelerate the education of law students and increase their interest in these special fields of law.



THE UNIVERSITY IN FIGURES

The University of Ljubljana concluded 2015 with positive results, including on the business front. A large challenge in the coming year will be the continued concerns of equipment updates, cost and liquidity management and provision of funds for quality programme implementation.

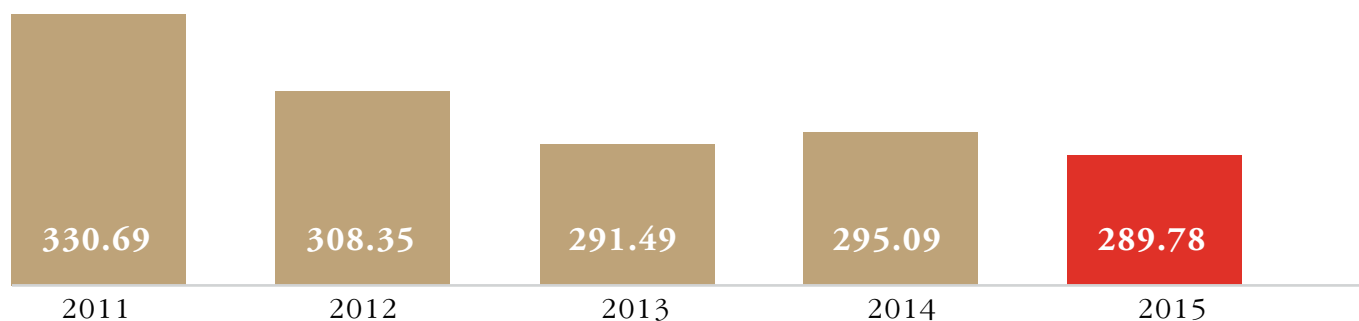


*The recipients of certificates of recognition
for the best study achievements at the
University of Ljubljana in 2015*

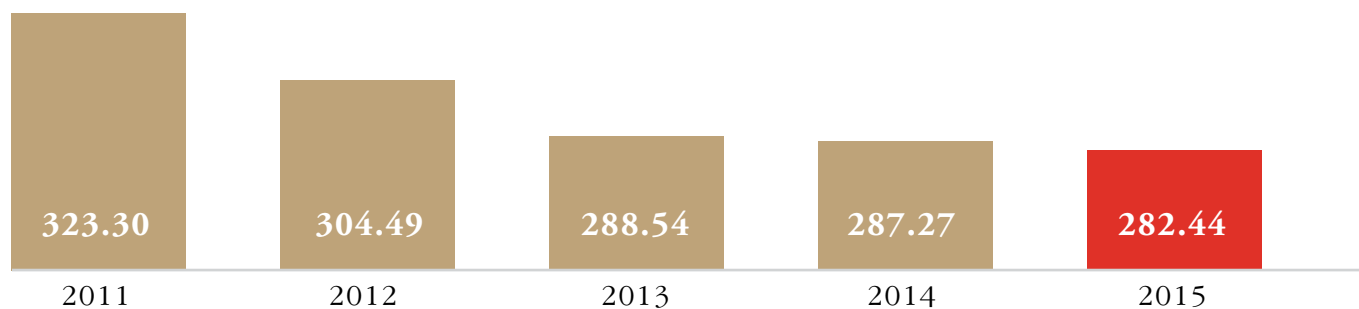
FINANCE

In 2015, the total revenues of the University of Ljubljana amounted to €289,755,884, which is a 1.8 percent decrease compared to the previous year. The drop in revenues is largely the result of reduced funds for pedagogical and research activities, both from budget as well as non-budget sources, and a drop in revenues from market sources at certain University members. The drop in revenues was partly compensated for by the growth of revenues from European budget funds.

TOTAL REVENUE IN € MILLION

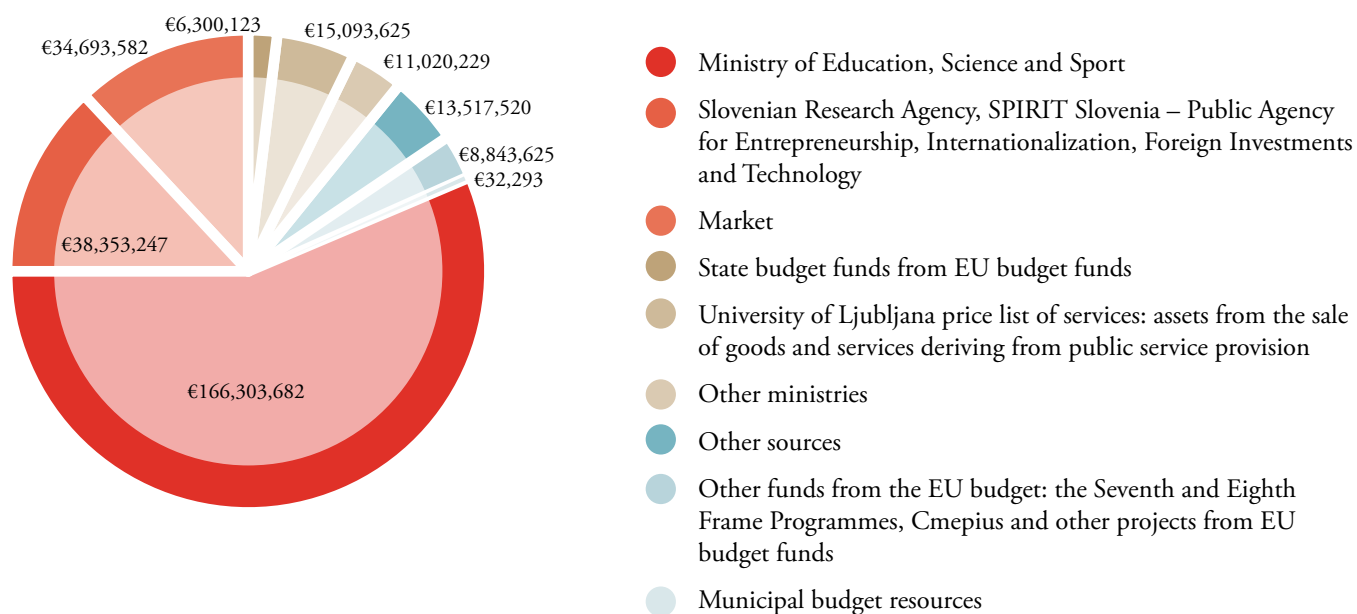


TOTAL EXPENSES IN € MILLION



The University adjusted to the decreased revenues primarily by applying cost management measures. Total expenses in 2015 amounted to €282,443,321 and decreased by 1.7 percent compared to the year before. The largest drop (3.1 percent) was recorded in labour costs, which account for the largest share in the cost structure (66 percent). Hence, the University concluded 2015 with a profit of €6,838,035, nearly half (49.3 percent) of which was generated by market activities. The profit was largely intended for investments in equipment and provision and development of activities (81.9 percent). The remaining share was left undistributed.

REVENUE BREAKDOWN BY SOURCE ON CASH BASIS

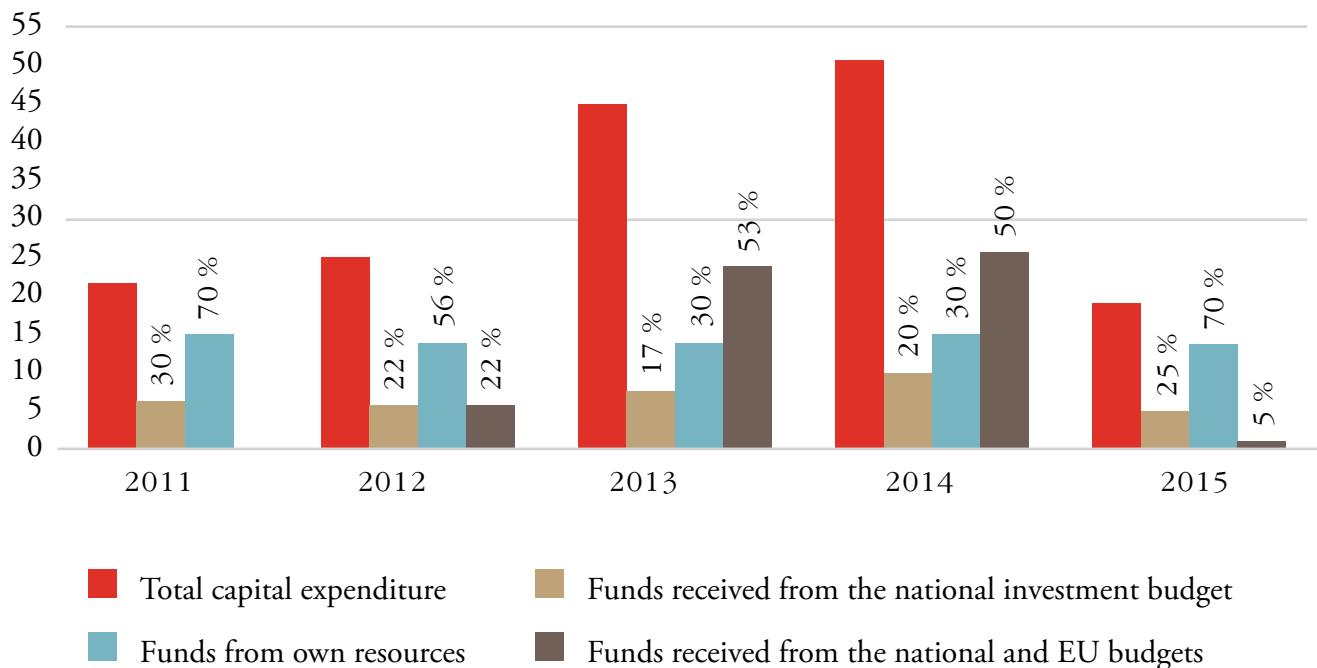


Reduced funds result in reduced material standards in the provision of the University's basic activity and a in a constant trend of increasing the depreciation rate of equipment. Despite major investment projects in the past four years, such as the new construction of the Faculty of Chemistry and Chemical Technology and the Faculty of Computer and Information Science, the reconstruction and new construction of the Faculty of Medicine and the energy efficiency improvements at the Faculty of Arts and Faculty of Economics, the depreciation rate has been growing constantly and amounted to 86 percent in 2015 (84 percent in 2014). In 2015, we earmarked €18,748,853 for investments in real estate and equipment (€50,216,516 in 2014), where €13,389,577 was allotted for equipment, still 36.8 percent less than in 2014.



In Human resources system operations in 2015, special attention was placed on the preparation of documents to establish a modern information system to improve operations related to safety, data accuracy and the efficiency of report and plan preparation.

MIHAELA BAUMAN PODOJSTERŠEK
Secretary General



The University of Ljubljana concluded 2015 with positive results, including on the business front. A great challenge in the coming year will be the continued concerns of equipment updates, cost and liquidity management and provision of funds for quality programme implementation.

Human resources

In Human resource system operations in 2015, special attention was placed on the preparation of documents to establish a modern information system to improve operations related to safety, data accuracy and efficiency of report and plan preparation.

In 2015, 469 employees were included in formal education and 1507 employees were included in informal education. Informal education mostly included conferences, summer schools, professional courses, seminars and symposia. In

the past year, 22 professors (11 professors in 2014) were on sabbatical leave.

A long-standing need for training both teaching and non-teaching staff was reflected in high attendance and waiting lines for the training carried out within the scope of the University of Ljubljana Quality (KUL) project. Despite the completion of the project, the University has continued to provide similar joint training courses. In the second half of 2015, we carried out five one-day workshops on reverse learning, two workshops for public performance skills in English, a workshop for public performance skills in Slovenian, an evaluation workshop for quality studies and a teamwork workshop for more active studies.

Several workshops of the sort are being prepared, including a workshop to support strategic planning and operations, as ever more University members have expressed the need for such knowledge.



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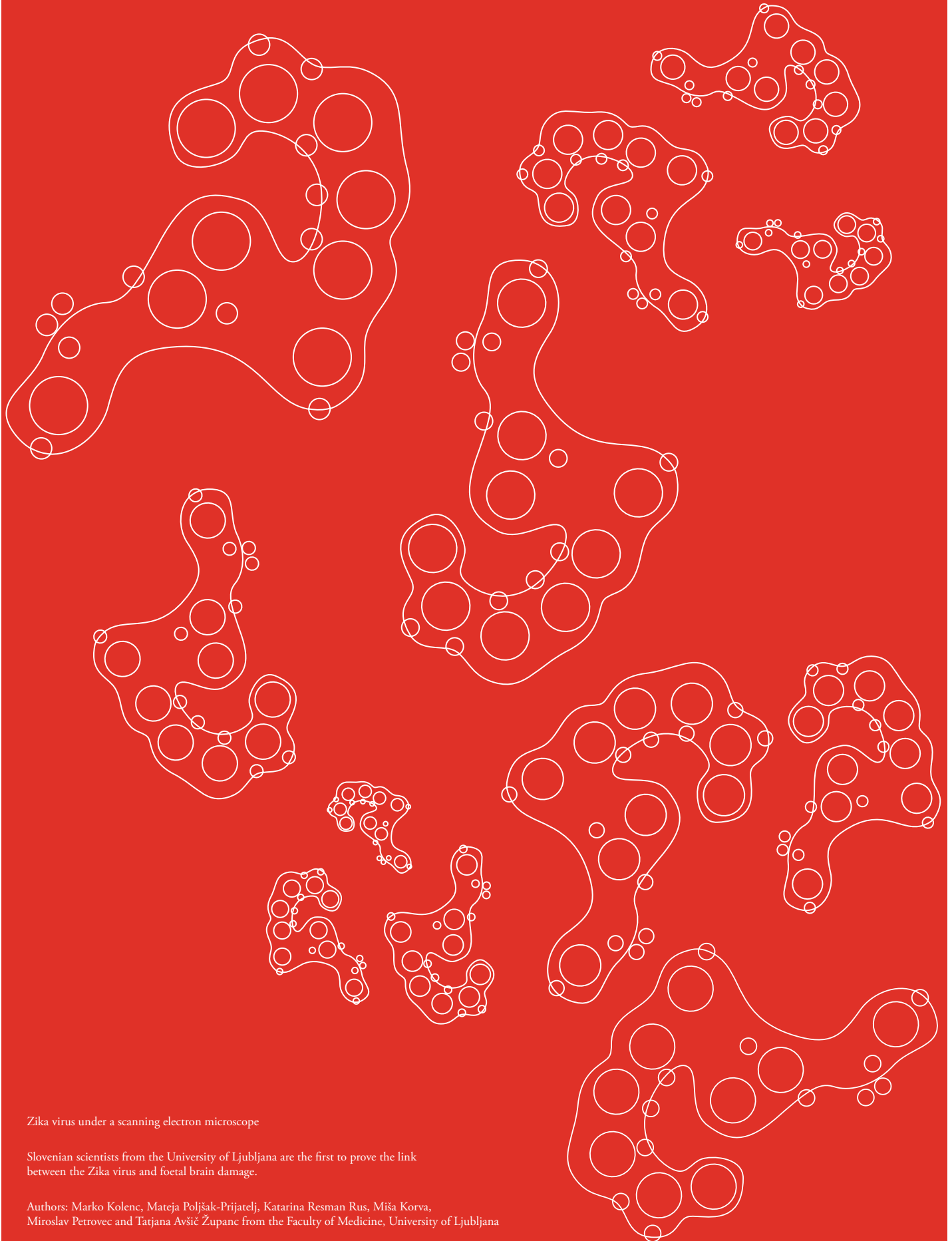
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Statement

I, the undersigned, Rok Mejak, General Manager of JNA, poslovne storitve, am hereby confirming that the translation of the Rector's Annual Report 2015 for the University of Ljubljana into the English language was completed by Maja Mrak, University Graduate in Translation, and proofreading of the English translation was completed by Staša Fijavž, University Graduate Professor of English.


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Zika virus under a scanning electron microscope

Slovenian scientists from the University of Ljubljana are the first to prove the link between the Zika virus and foetal brain damage.

Authors: Marko Kolenc, Mateja Poljšak-Prijatelj, Katarina Resman Rus, Miša Korva, Miroslav Petrovec and Tatjana Avšič Županc from the Faculty of Medicine, University of Ljubljana