

Univerza Universitas
v Ljubljani Labacensis



University of Ljubljana

Excellence in Research

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April 2017

Republika Slovenija



University of Ljubljana

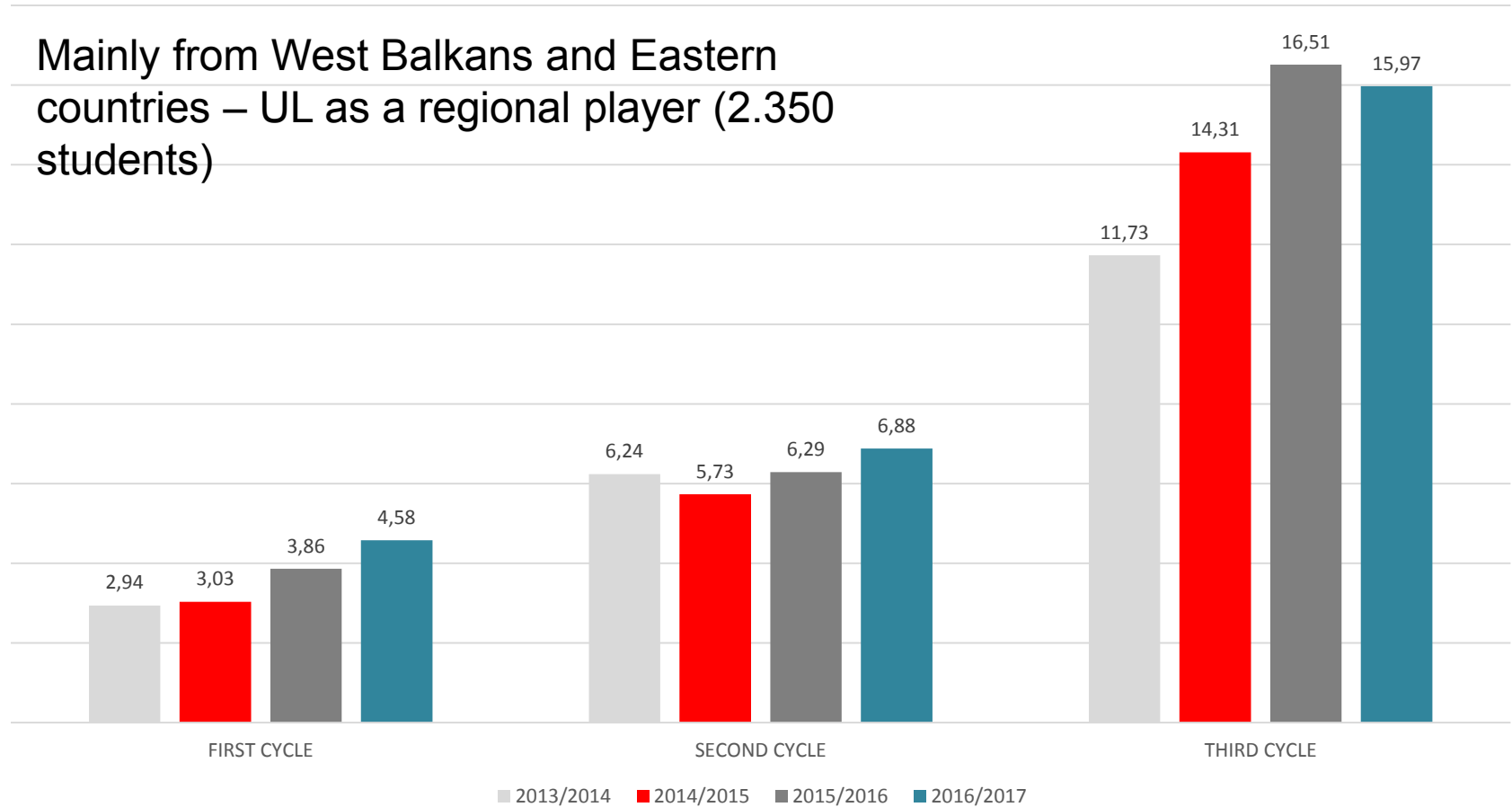
- Established in **1919**. It represents half of the national research and higher education area.
- UL has always been a pillar of national identity and national prosperity. This has become possible only if it is deeply involved in **international research and education!**





Foreign Students

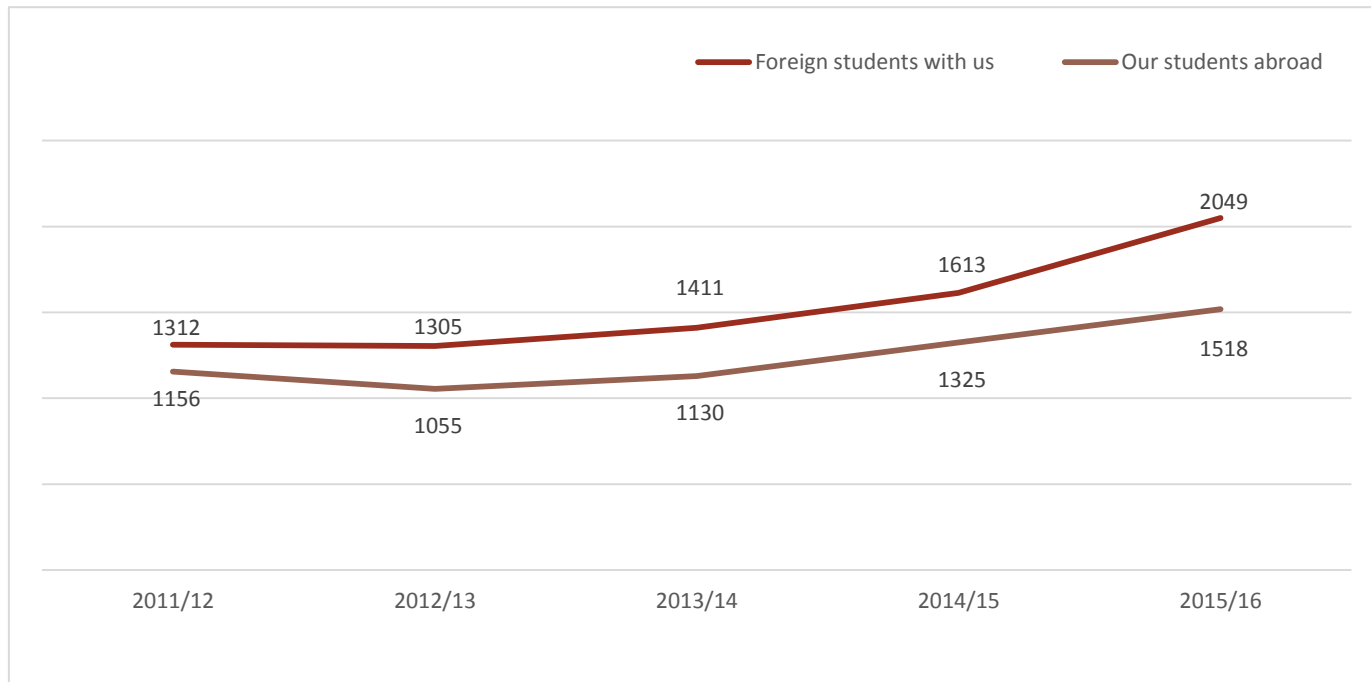
Mainly from West Balkans and Eastern countries – UL as a regional player (2.350 students)





Student exchange

Mainly from EU countries
11 % of foreign students (4.400)





University development Fund

For the promotion of cooperation in EU projects

- In 2014 UL established the **Development fund** from which we finance:
- Incentives for young researchers
- Incentives for multidisciplinary and coordinating projects
- Education and trainings of researchers (special focus on ERC and Marie Curie)



Strategic partnerships for EU research cooperation

- CELSA – *Central Europe* Leuven Strategic Alliance
- The GUILD
- LERU- CE7 Central European Universities
- VISION2020 network
- Neighbourhood, Western Balkans, South East Asia and Russia



Strong involvement in EU projects (1)

Participation of UL in numbers:

- 163 projects within 7th Framework Programme (in the amount of nearly 30 mio € for UL)
- 1 ERC Starting Grant, 2 ERC Advanced Grants
- 56 H2020 projects as beneficiary or third party (*data on 27 March 2017*)
- 67 ERASMUS+ projects





Strong involvement in EU projects (2)

Participation of UL in numbers:

- More than 242 projects financed by **other EU programmes**: COST, EUREKA, LLP, CIP, ERANET, LIFE+, Health, Safer Internet Plus, etc. of which
- 161 projects were financed by **Structural Funds and European Territorial Co-operation** (RDF, ESF, Transnational Cooperation)
- **7 Competence Centres**
- **8 Centres of Excellence** (2 UL coordinator, 6 as a partner)





EU R&D: EU 13 TOP 10 in FP7

Rank	Organisation	Participations in FP7	Country
1	University of Ljubljana	161	SI
2	Charles University Prague	117	CZ
3	Budapest University of Technology and Economics	114	HU
4	University of Tartu	104	EE
5	University of Cyprus	100	CY
6	University of Warsaw	95	PL
7	Czech Technical University in Prague	92	CZ
8	Warsaw University of Technology	82	PL
9	Jagiellonian University	67	PL
10	Central European University	63	HU

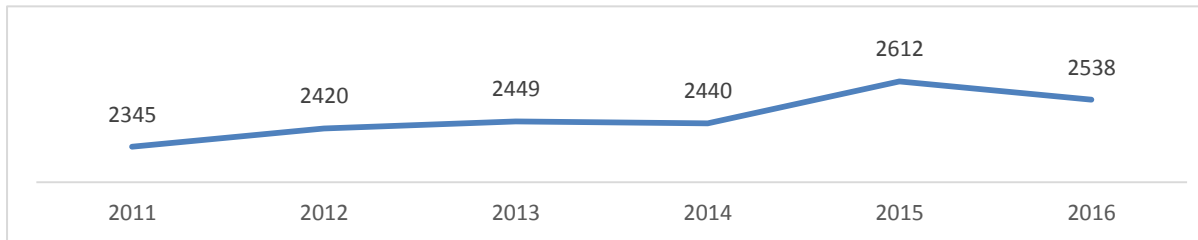
Source: eCorda 28 February 2017



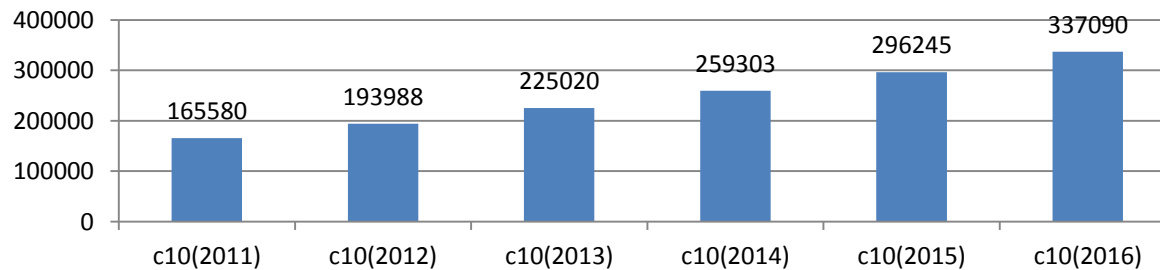
EU R&D: EU 13 TOP 10 in HORIZON 2020

Rank	Organisation	Participations in H2020	Country
1	University of Tartu	47	EE
2	University of Ljubljana	46 (56)	SI
2	University of Cyprus	46	CY
4	Czech Technical University in Prague	32	CZ
5	Masaryk University	31	CZ
6	University of Warsaw	29	PL
7	Charles University Prague	27	CZ
8	University of Malta	26	MT
9	Cyprus University of Technology	21	CY
10	Talin Technical University	21	EE

- Number of publications registered in WoS - stagnant



- Citations of publications doubled in 5 years

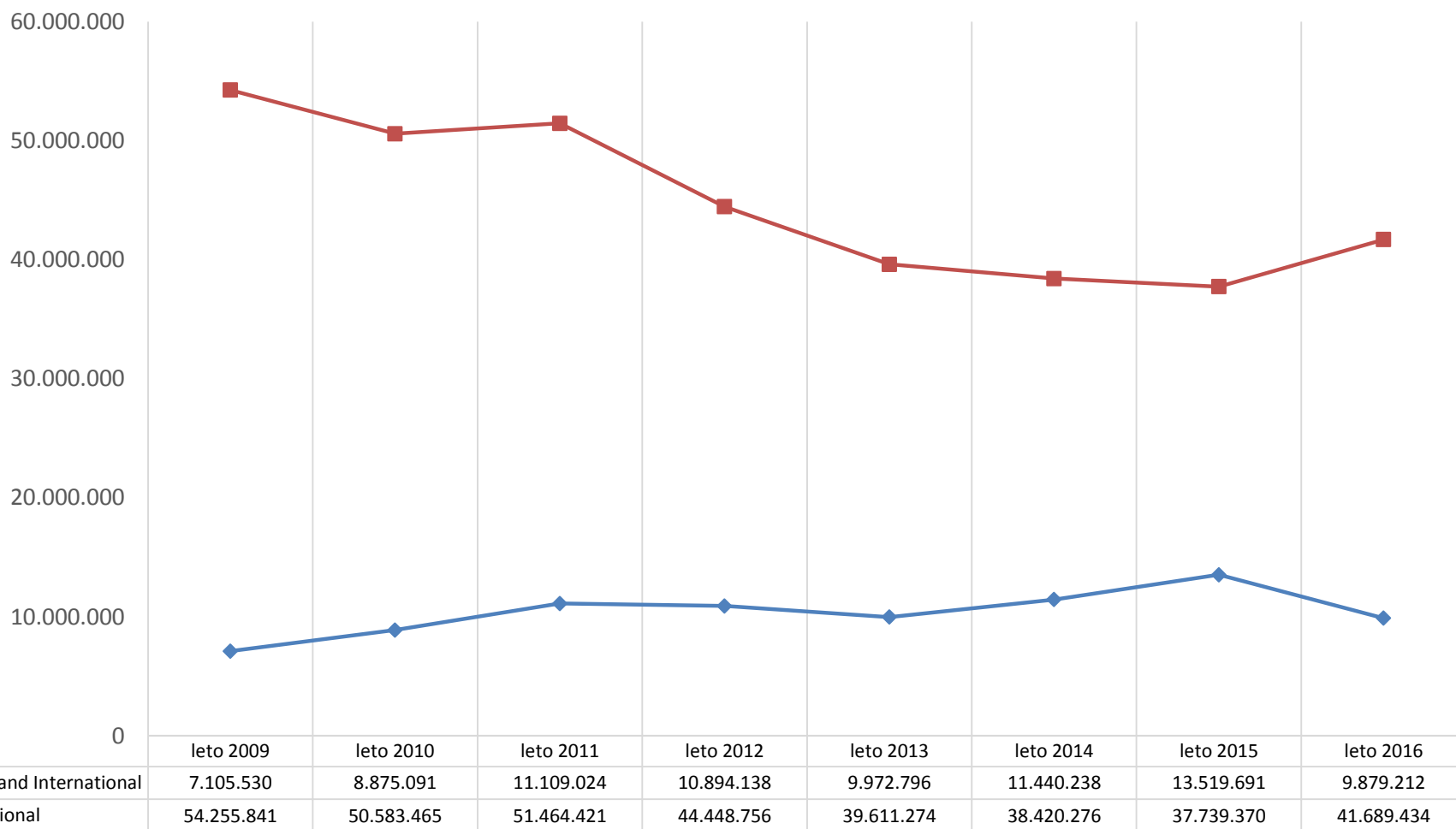


Example: first empirical verification of fetus brain damage by Zika virus.



Research expenditure at UL – a challenge

UL R&D PUBLIC EXPENDITURE IN PERIOD 2009-2016



Total budget per student

UNIVERSITY		NUMER OF STUDENTS		Budget in Mio E + E/St.	
Utrecht		30.000		1.200	40.000
Belgrade		91.000		161	1.770
Helsinki		35.000		710	20.285
Tartu		13.000		121	9.307
Leuven		46.000		933	20.282
Koeln		49.000		651	13.258
UCL		40.000		1.200	30.000
Praha		51.000		380	7.451
Ljubljana		40.000		280	7.000
Zurich		26.000		1.300	50.000
Nanjin		44.000		700	16.279
Sichuan		60.000		1.000	16.667



The main conclusions

- Falling national research funds **can not be compensated** by EU funds
- EU funds for research **should be increased** as to increase the success rate based on excellency
- EU widening instruments (ERA CHAIRs, TEAMINGs, TWININGs) **should be strengthened and complemented by mandatory ESIF contribution** including utilisation of ‘seal of excellence’
- **Strengthening of existing** and not finding of new research institutions
- Structural funds should be focused on research and development



Additional recommendations for FP9

- More **bottom up research** (no predefined topics) in all pillars covering also basic science
- More **small – middle sized projects**
- Introduction of the possibility of **shared coordinatorship**
- Separate calls for upper TRLs
- **Additional budget** for MSCA IFs for the host organisations from widening countries.
- **An indepth discussion is needed before extending output based funding to all H2020 programmes**

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Thank you!

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