

**Western Balkans  
Research and Innovation Meeting  
Vienna, July 9-10, 2019**



25 years ago...





## 25 years ago

- **New political situation**
  - **Reform States**
    - **needed:**
- **“Education for Europe”**
  - **Affordable solution**

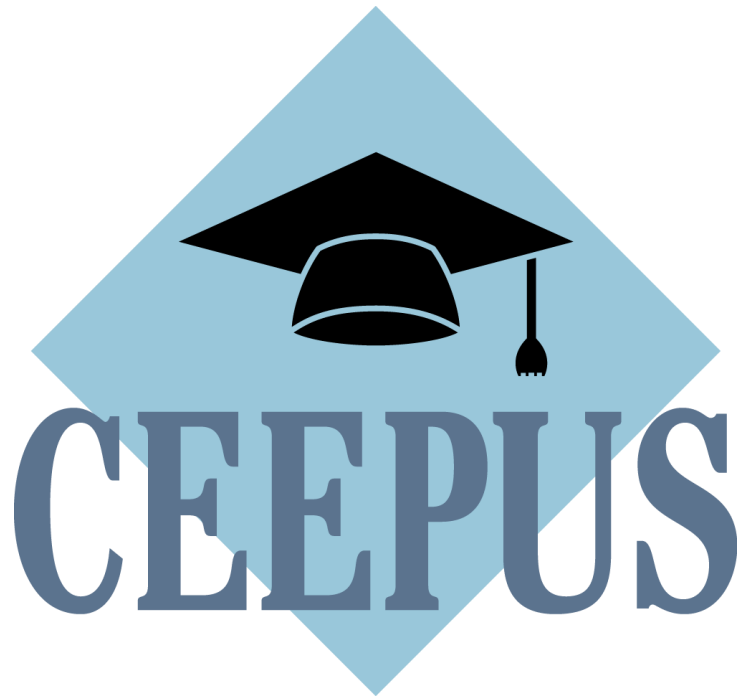


# Mission

- **enable regional multilateral cooperation**
- **promote excellence**
- **lean „smart“ management**
- **equal partnership**
- **decentralized organization**



**... time for ...**



**C**entral

**E**uropean

**E**xchange

**P**rogramme for

**U**niversity

**S**tudies



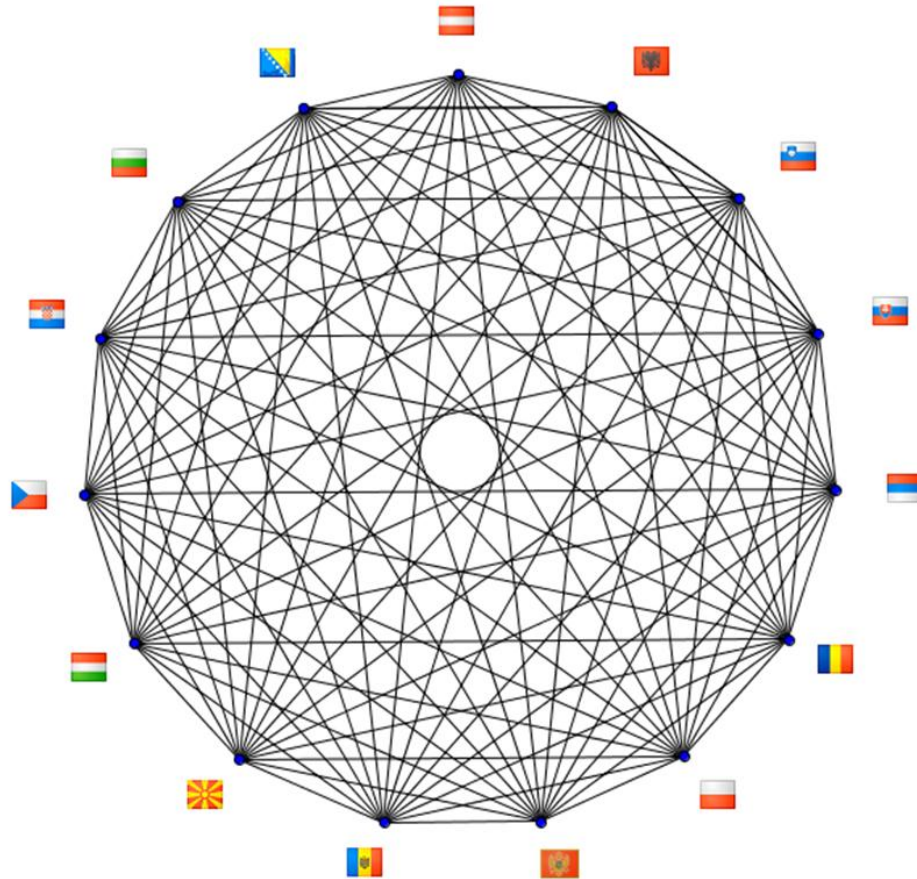
**CEEPUS I Agreement signed  
on Dec 8, 1993 in Budapest  
AT BG HU PL SK SI**





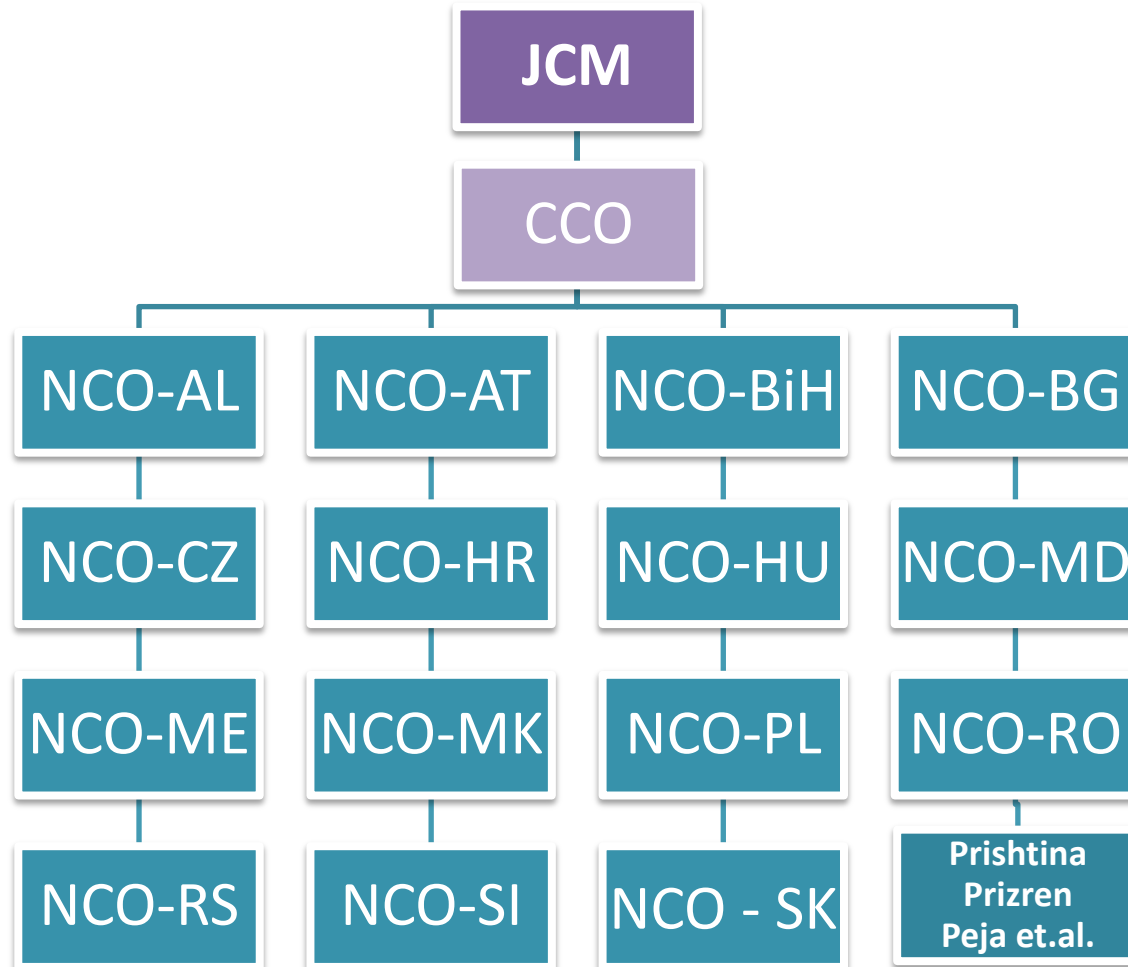


# Dezentralized Structure





# Lean Management





# CEEPUS Timeline Overview



## **CEEPUS I 1995 – 2005**

signed Dec 8, 1993, Budapest

## **CEEPUS II 2005 – 2011**

signed Mar 9, 2003, Zagreb

## **CEEPUS III 2011 - 2025**

signed Mar 25, 2010, Budva

automatic renewal until 2025



# CEEPUS Evolution

## CEEPUS I

multilateral cooperation, ECTS

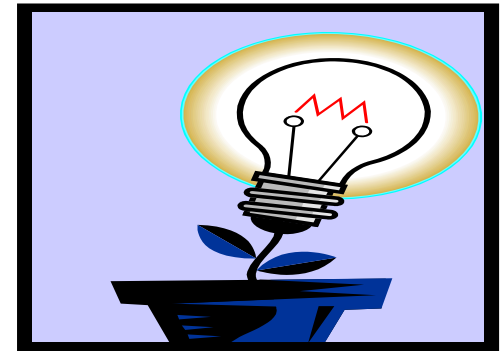
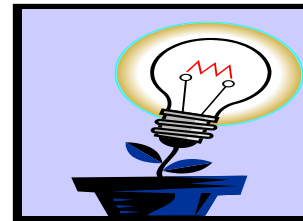
## CEEPUS II

Joint Degrees

## CEEPUS III

Joint PhDs, linking up to science and research

“hybrid“, no mere mobility program!





# Performance !



How did we fare?

Key parameters



# Performance !



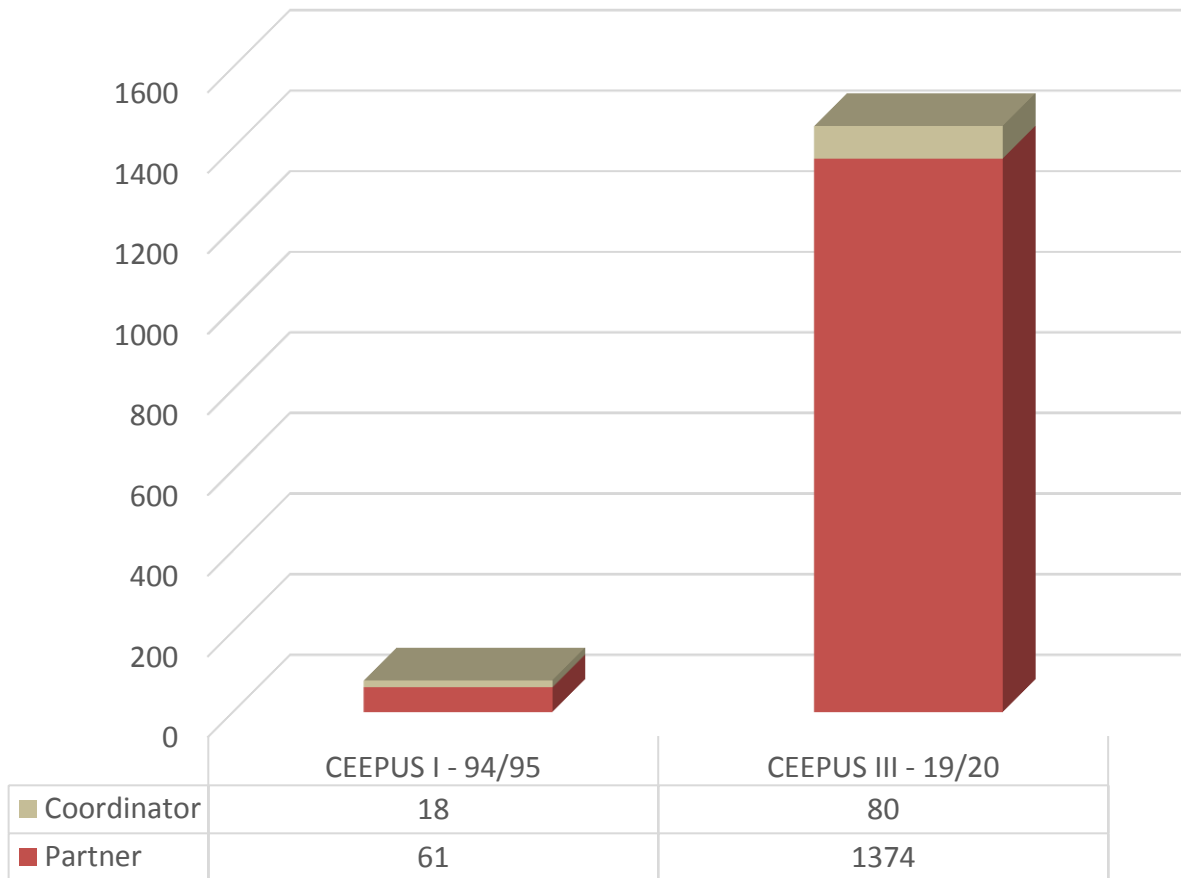
How did we fare?

Key parameters



# NW 94/95 – 19/20

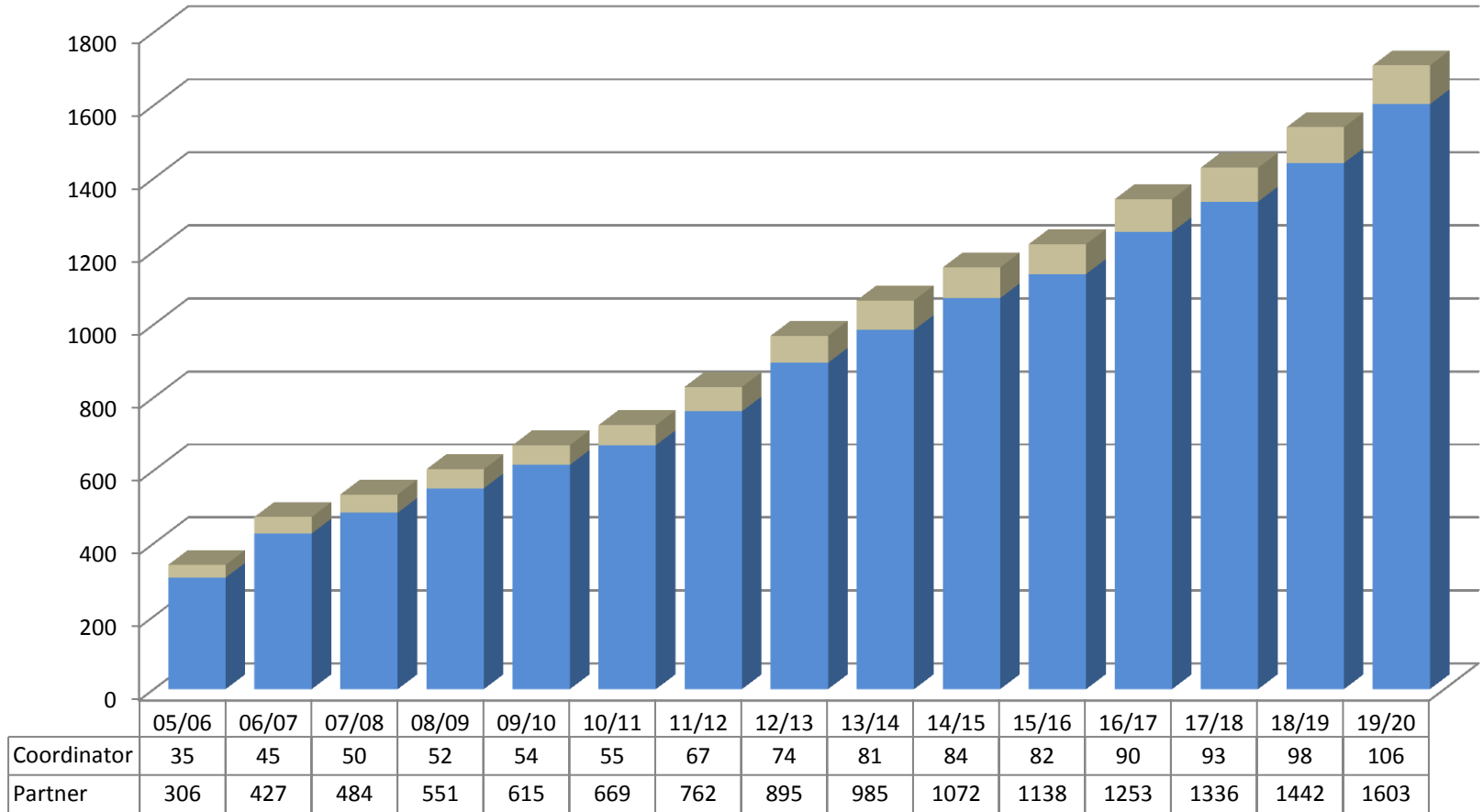
RFM





# Coordinator/Partner 05/06 - 19/20

## RFM & Umbrella



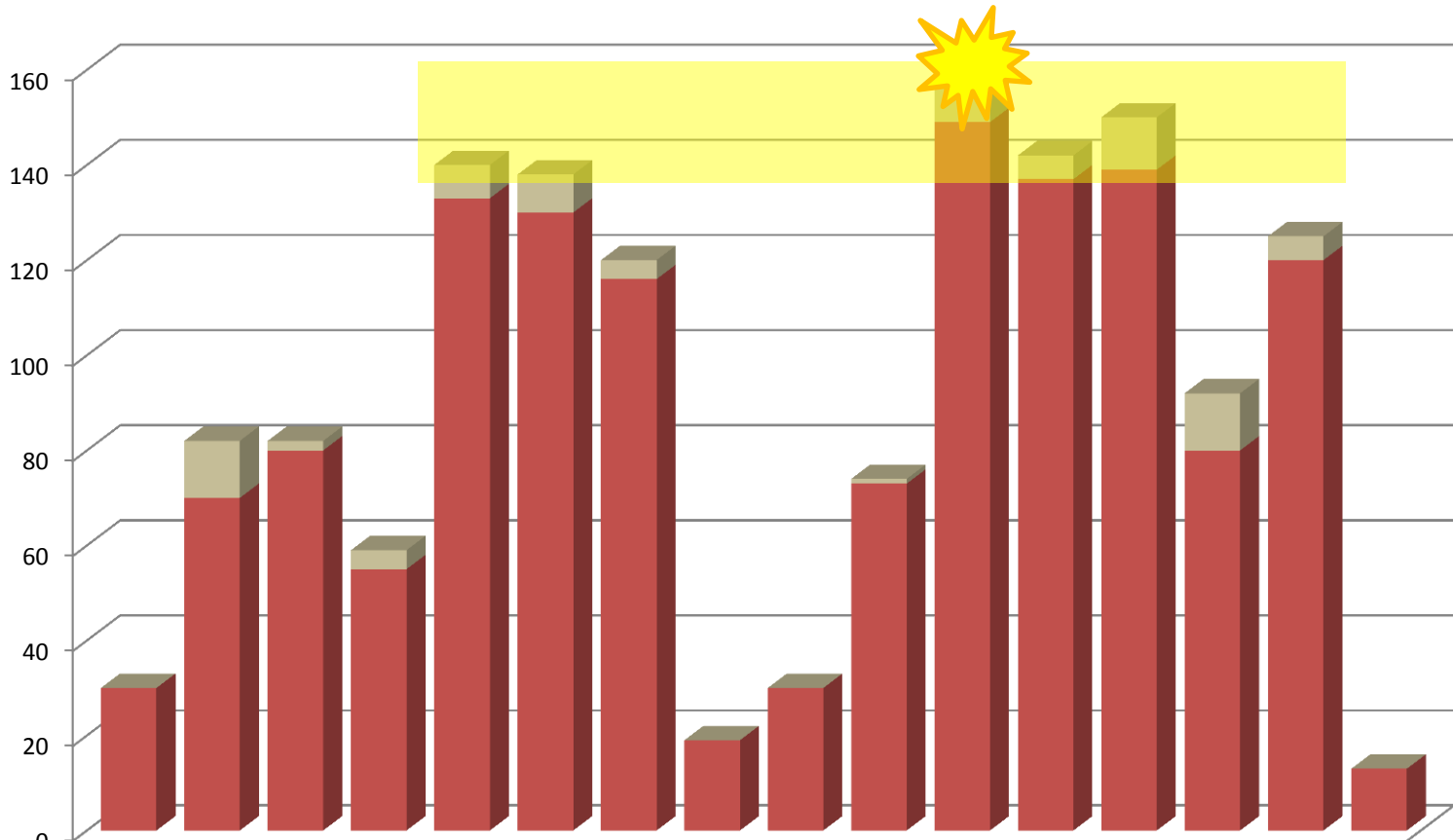
Data basis = committed i.e. selected networks plus umbrella i.e. waiting list networks





# Coordinator/Partner 19/20

[Total 1454] RFM

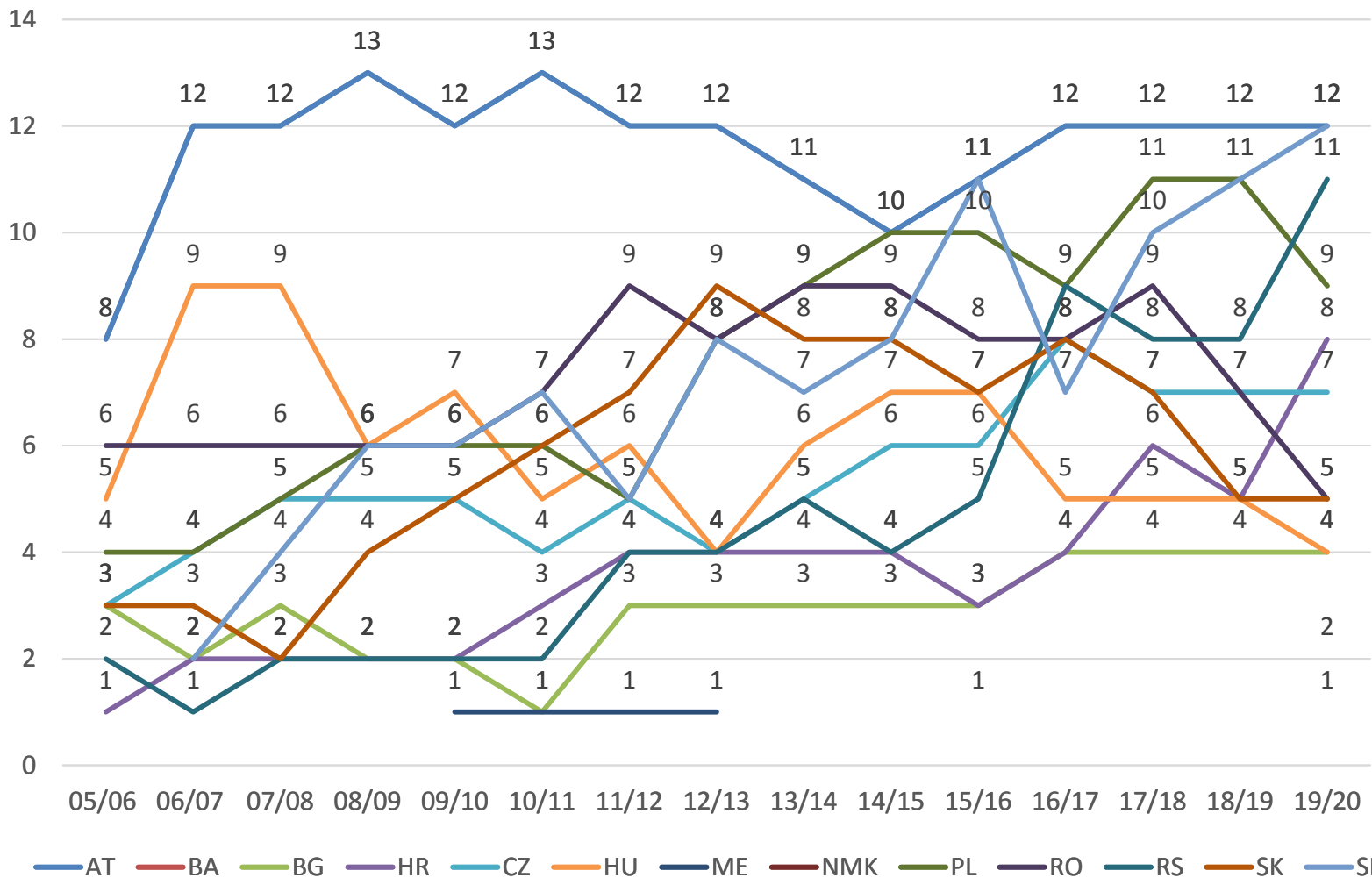


	AL	AT	BA	BG	CZ	HR	HU	MD	ME	MK	PL	RO	RS	SI	SK	XZ
Coordinator	0	12	2	4	7	8	4	0	0	1	9	5	11	12	5	0
Partner	30	70	80	55	133	130	116	19	30	73	149	137	139	80	120	13



# Network Coordination Development

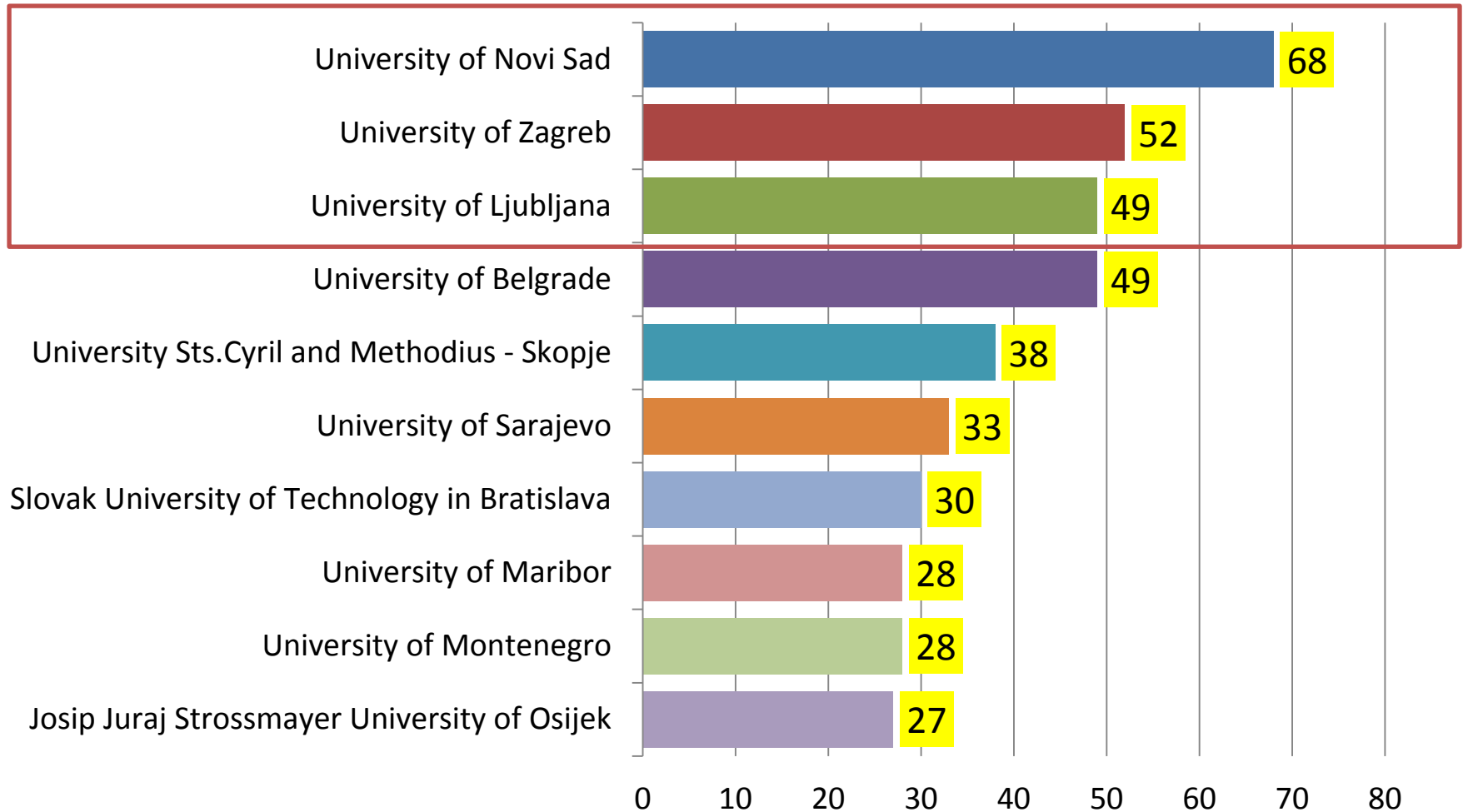
RFM





# TOP Universities 19/20

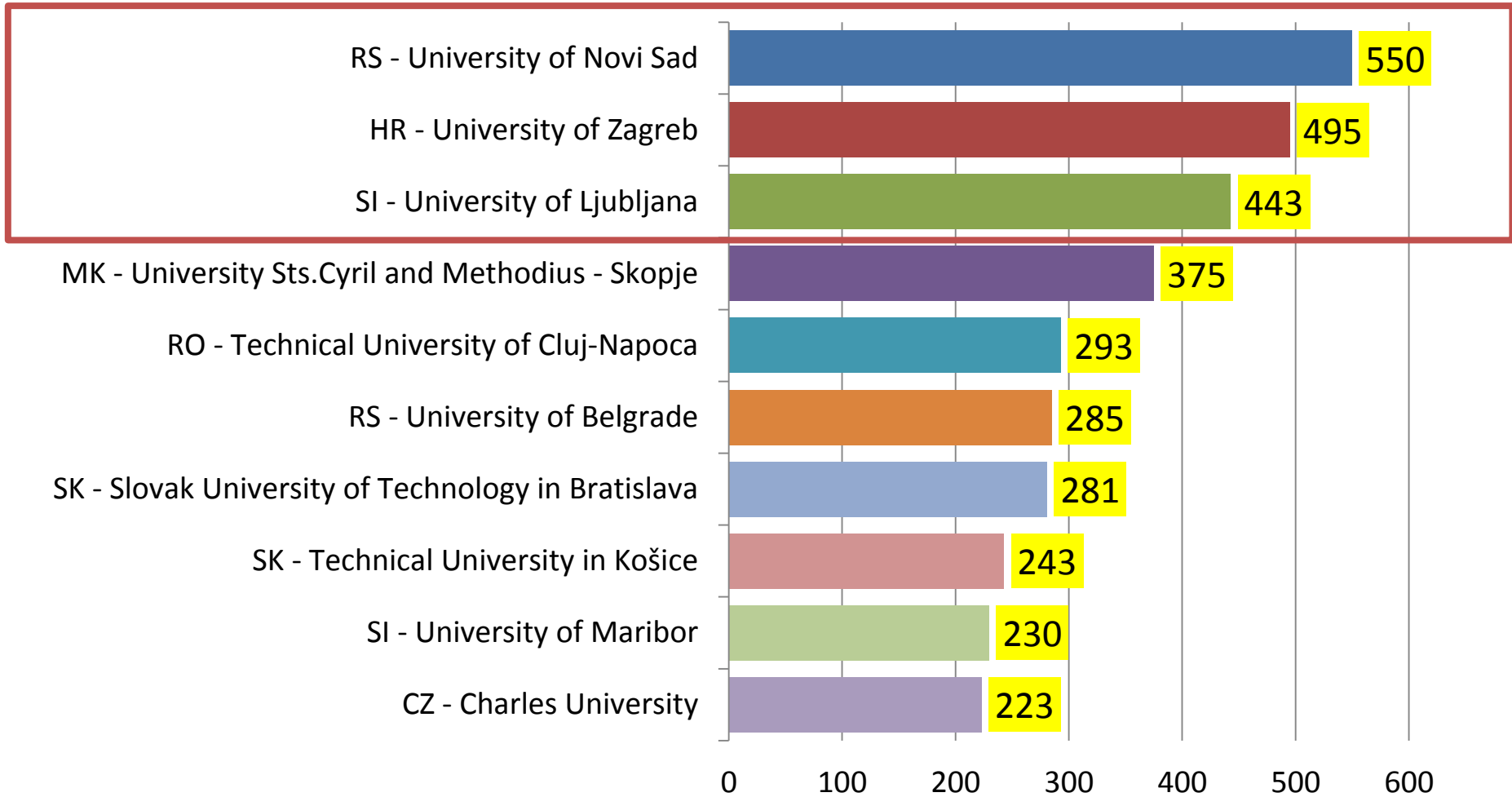
[Total 1454] RFM





# TOP Universities 05/06 - 19/20

[Total 13.052] RFM



# ZSI Study

**Most frequent users normalised by R&D capacity:**



Successor states of the former Socialist Republic of Yugoslavia

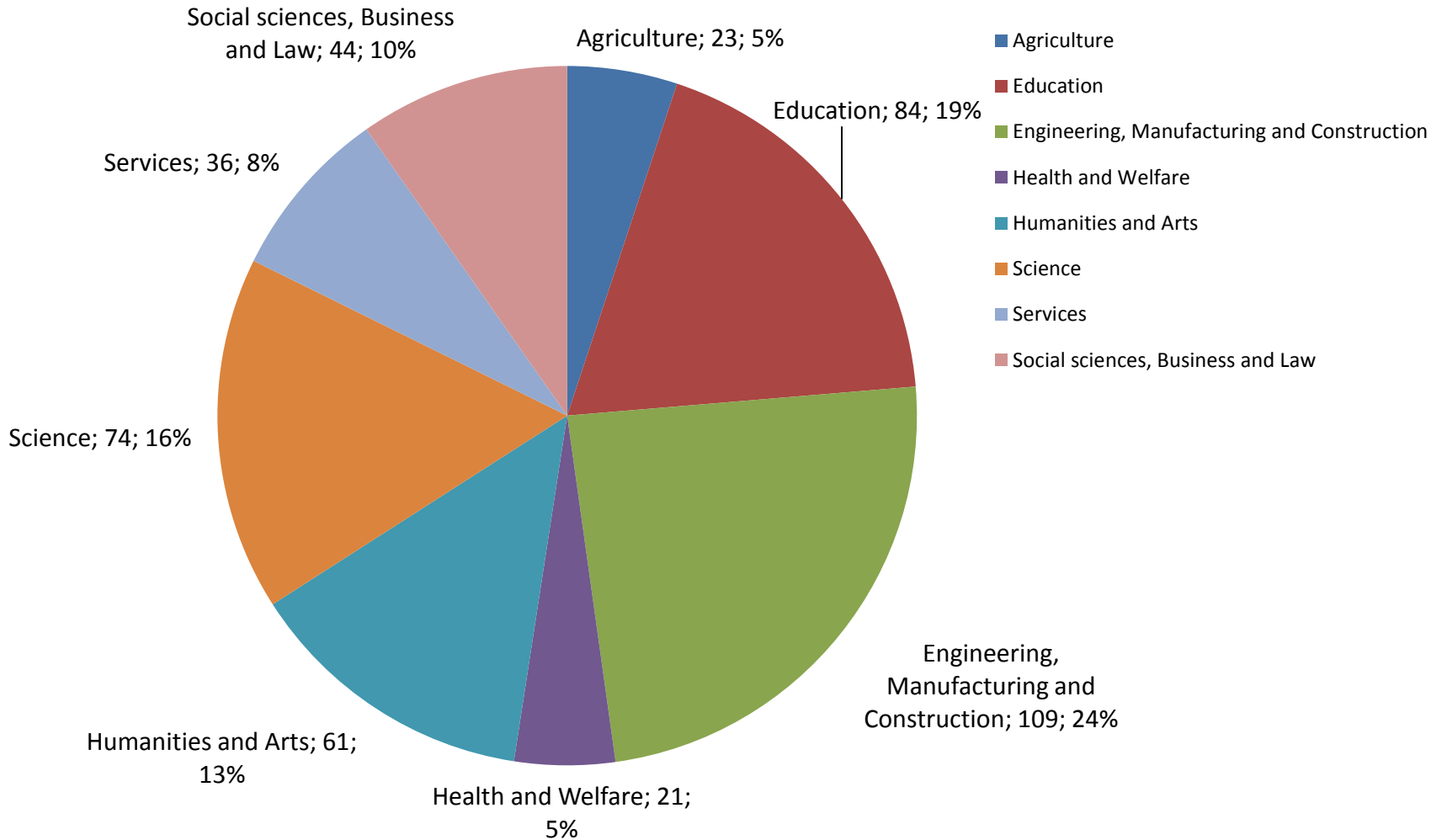


Slovakia



# Index 19/20

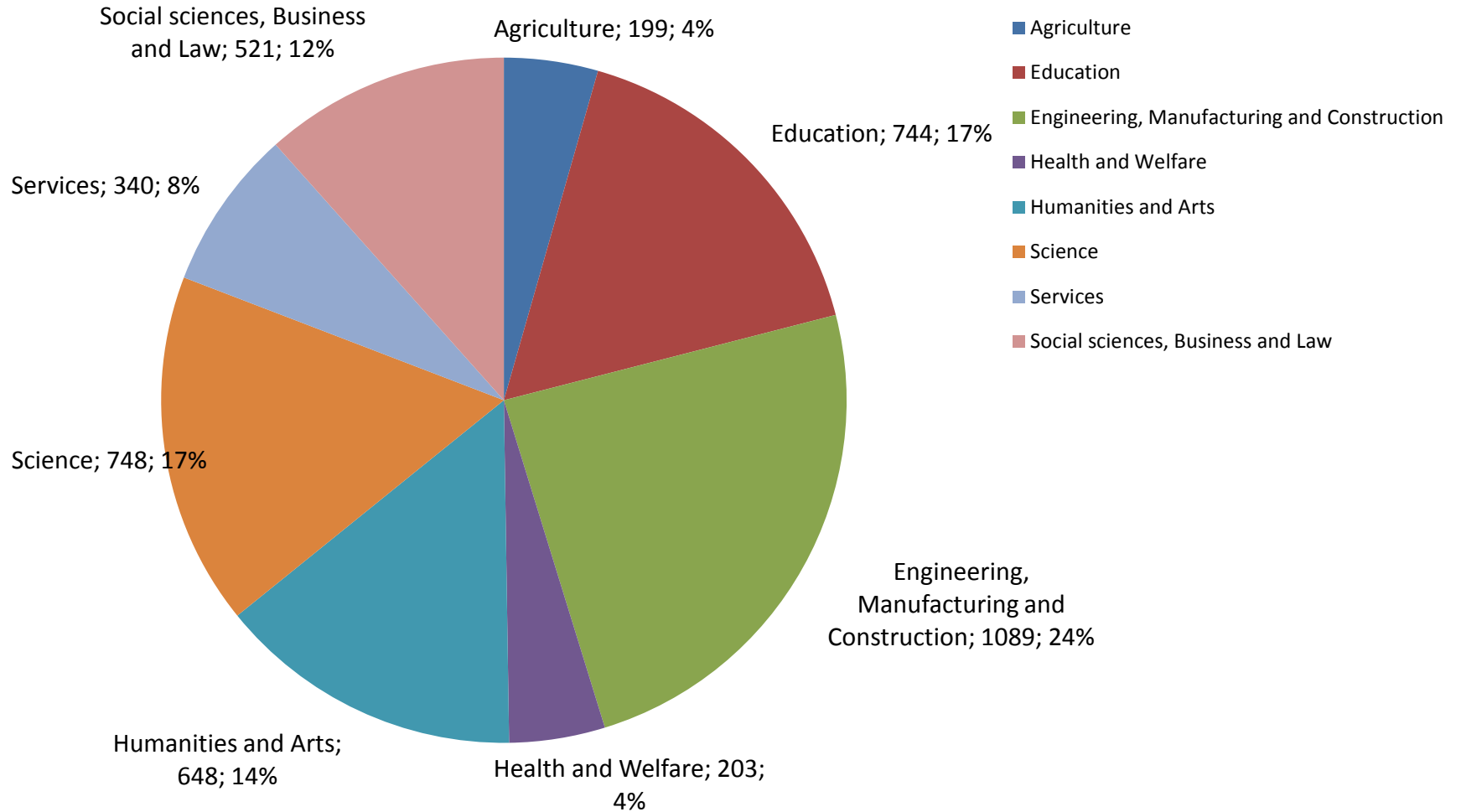
[Total 452] RFM





# Index 05/06 - 19/20

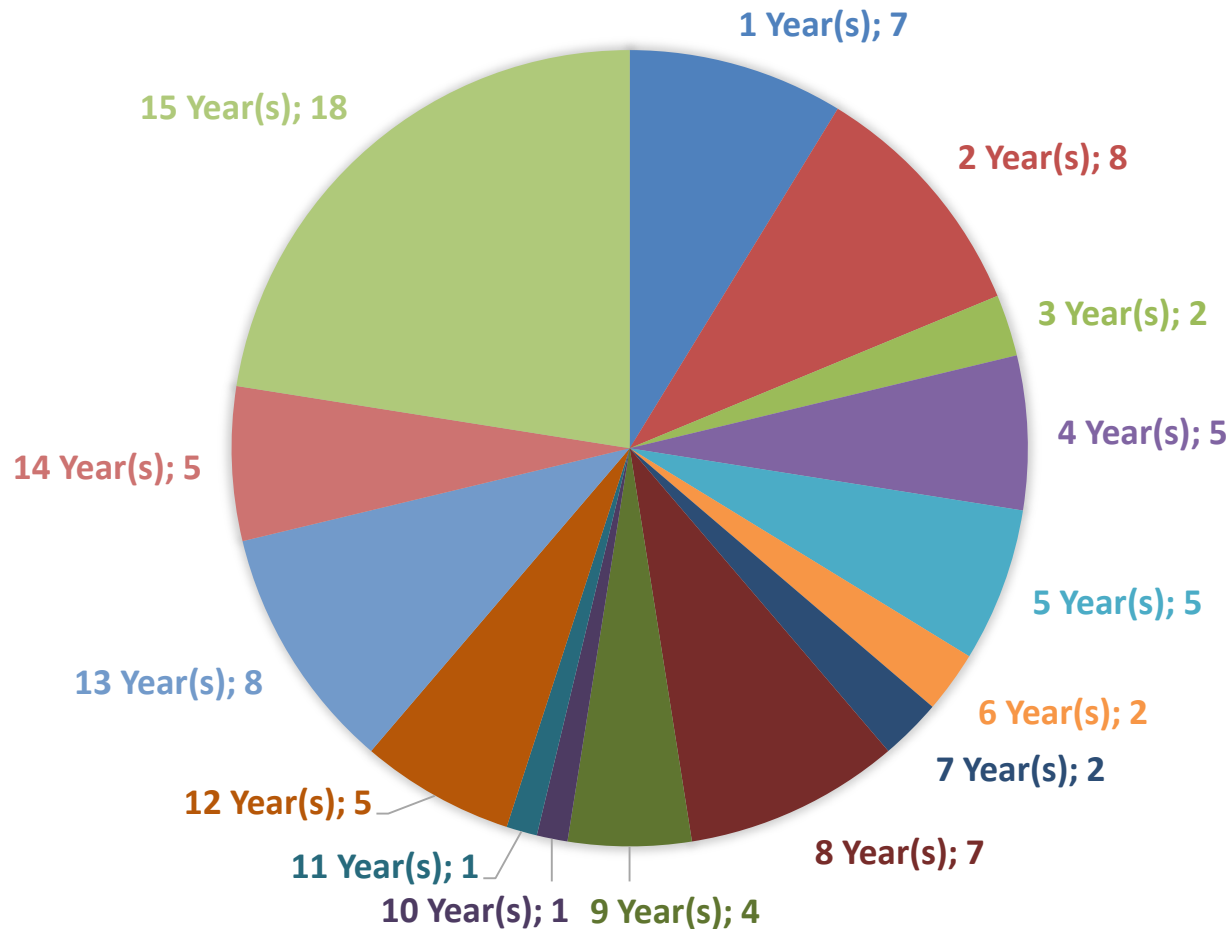
[Total 4492] RFM





# Networks Runtime 2019/20

[Total 80] RFM

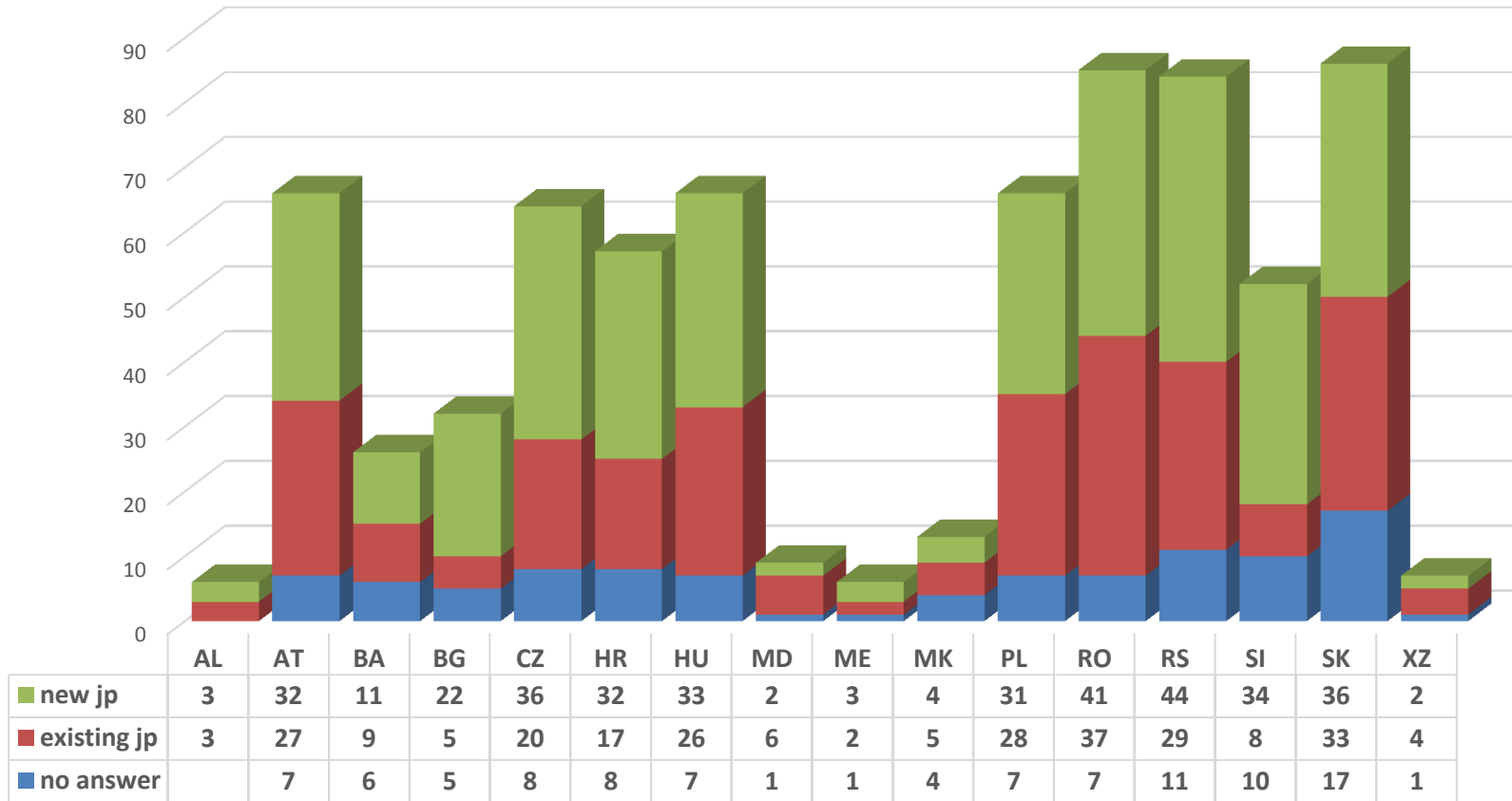






# Planned Participation 2019/20

in Joint Programs [Total 725] RFM



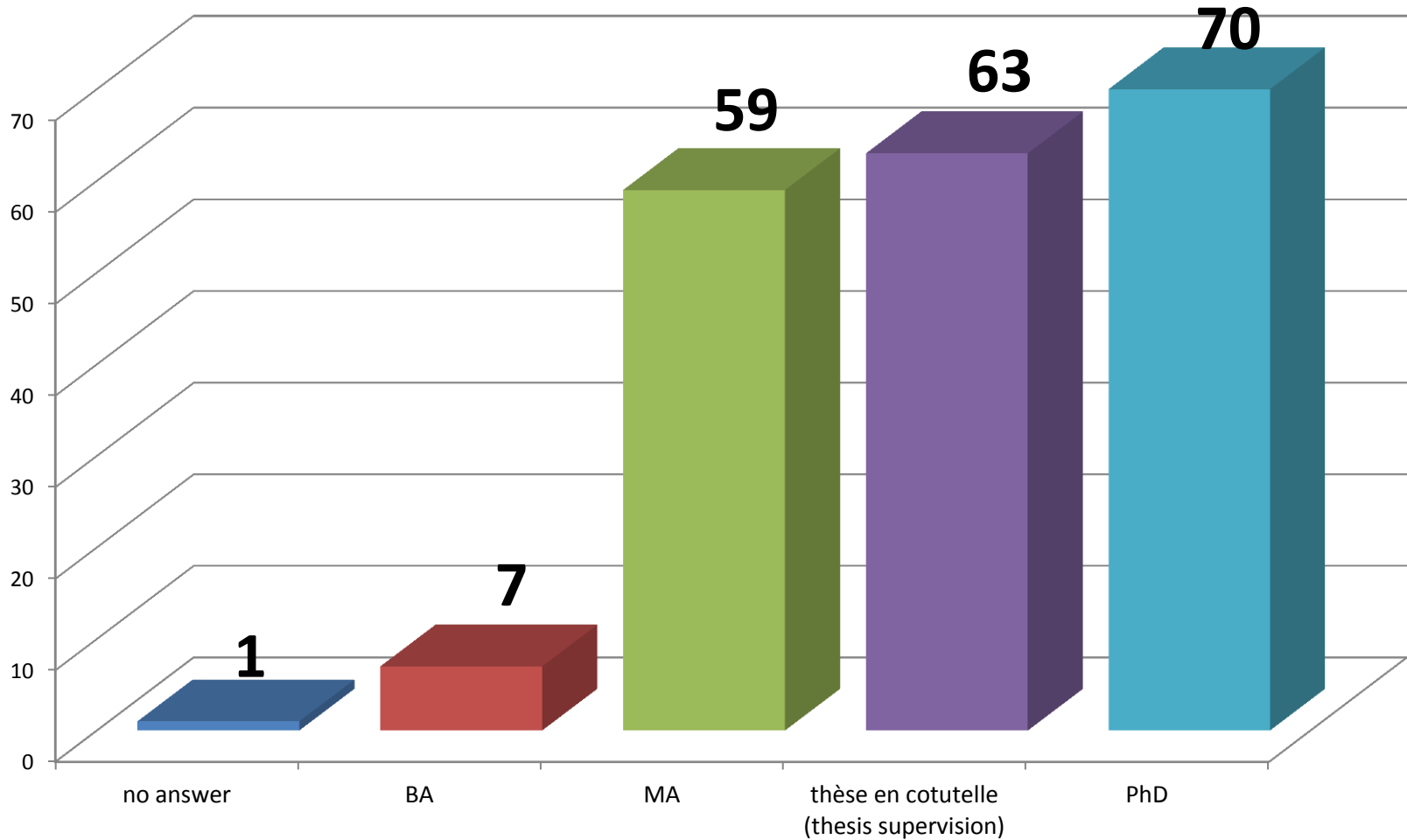
PPU = participating unit

XZ = Prishtina, Peja, Prizren et al.



# JP – Level of JP 19/20

[Total 200] RFM





# Performance !

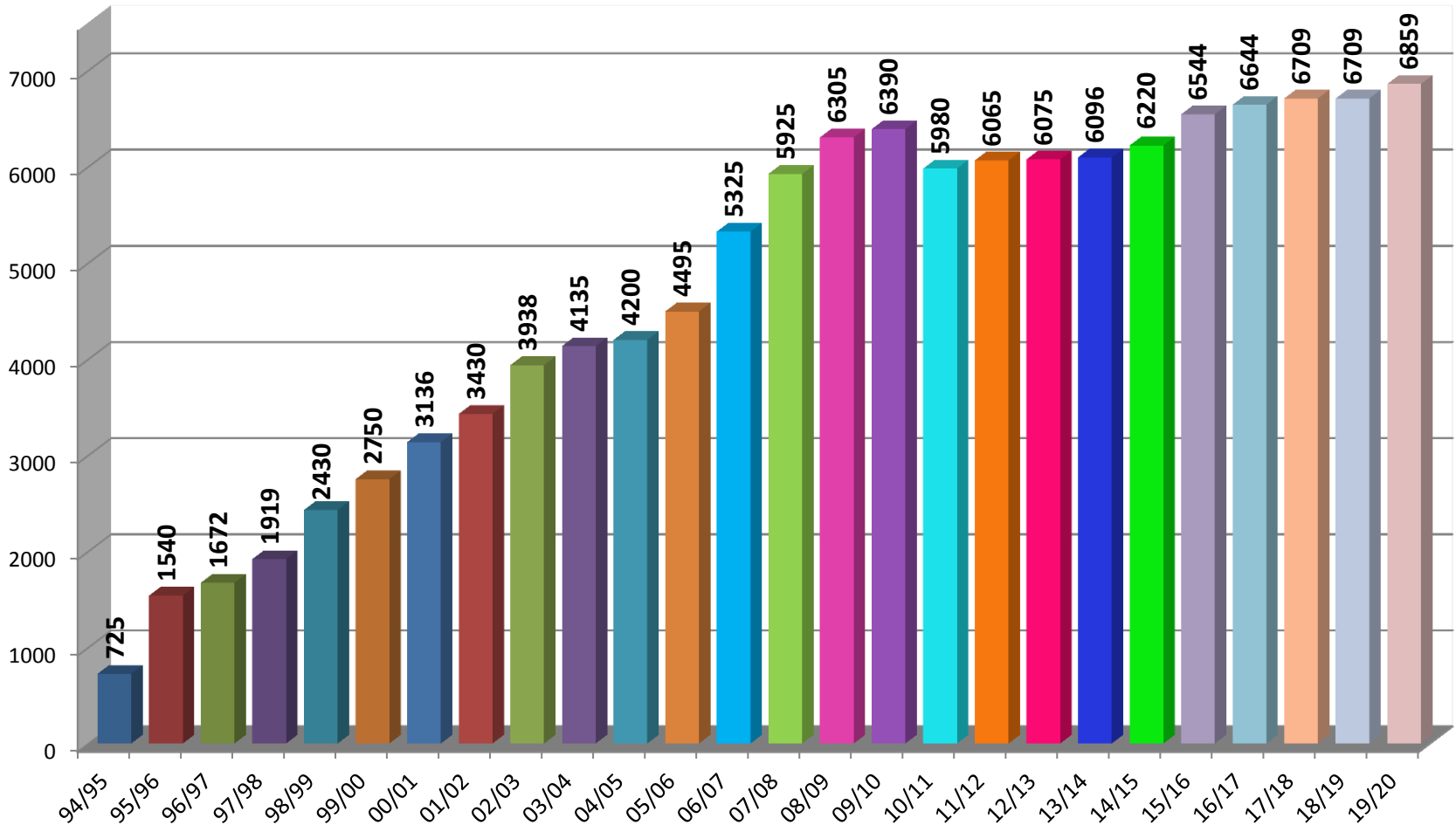


How did we fare?

Key parameters



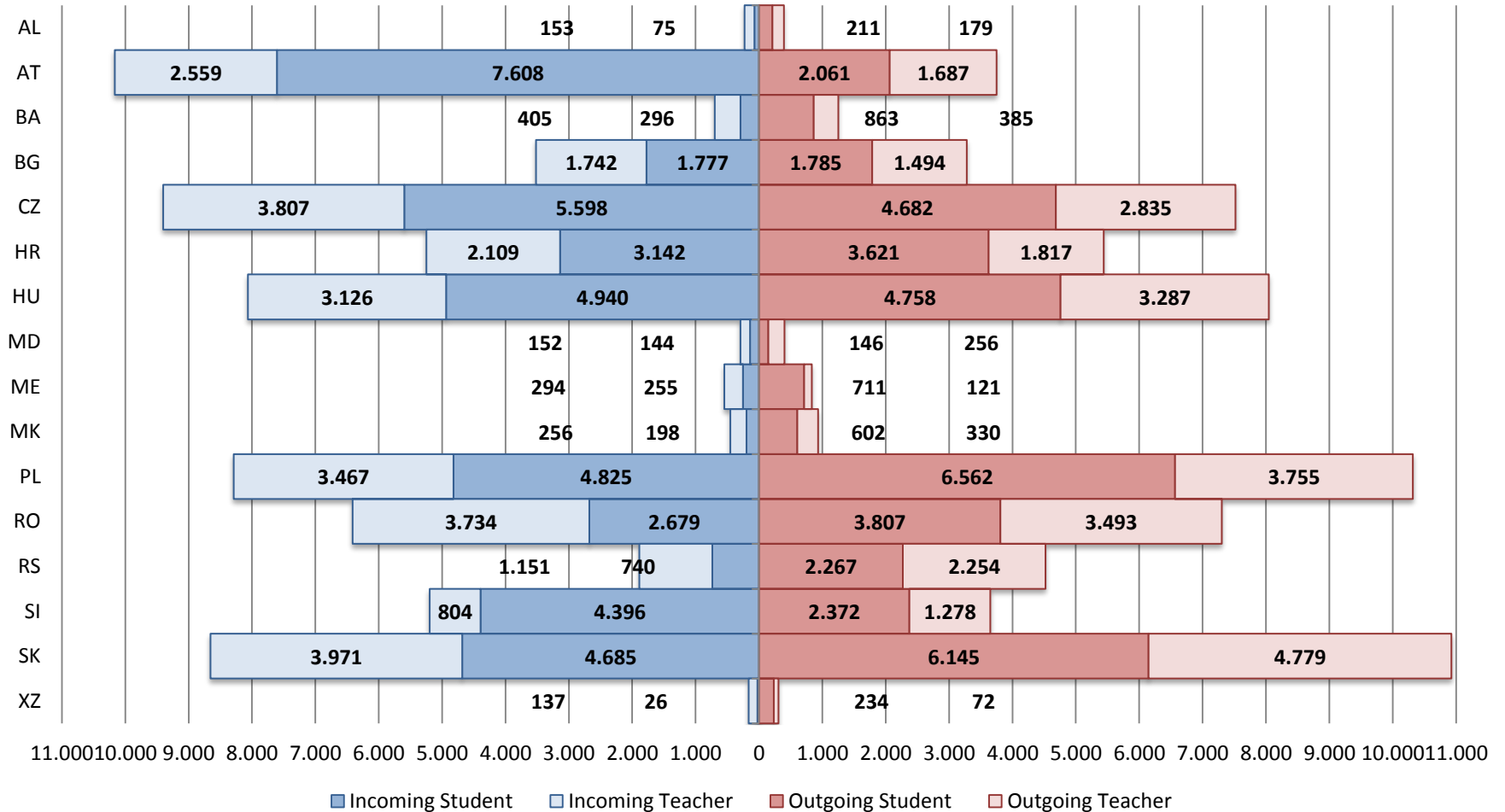
# Raise in Quota





# INCOMING – OUTGOING Applications

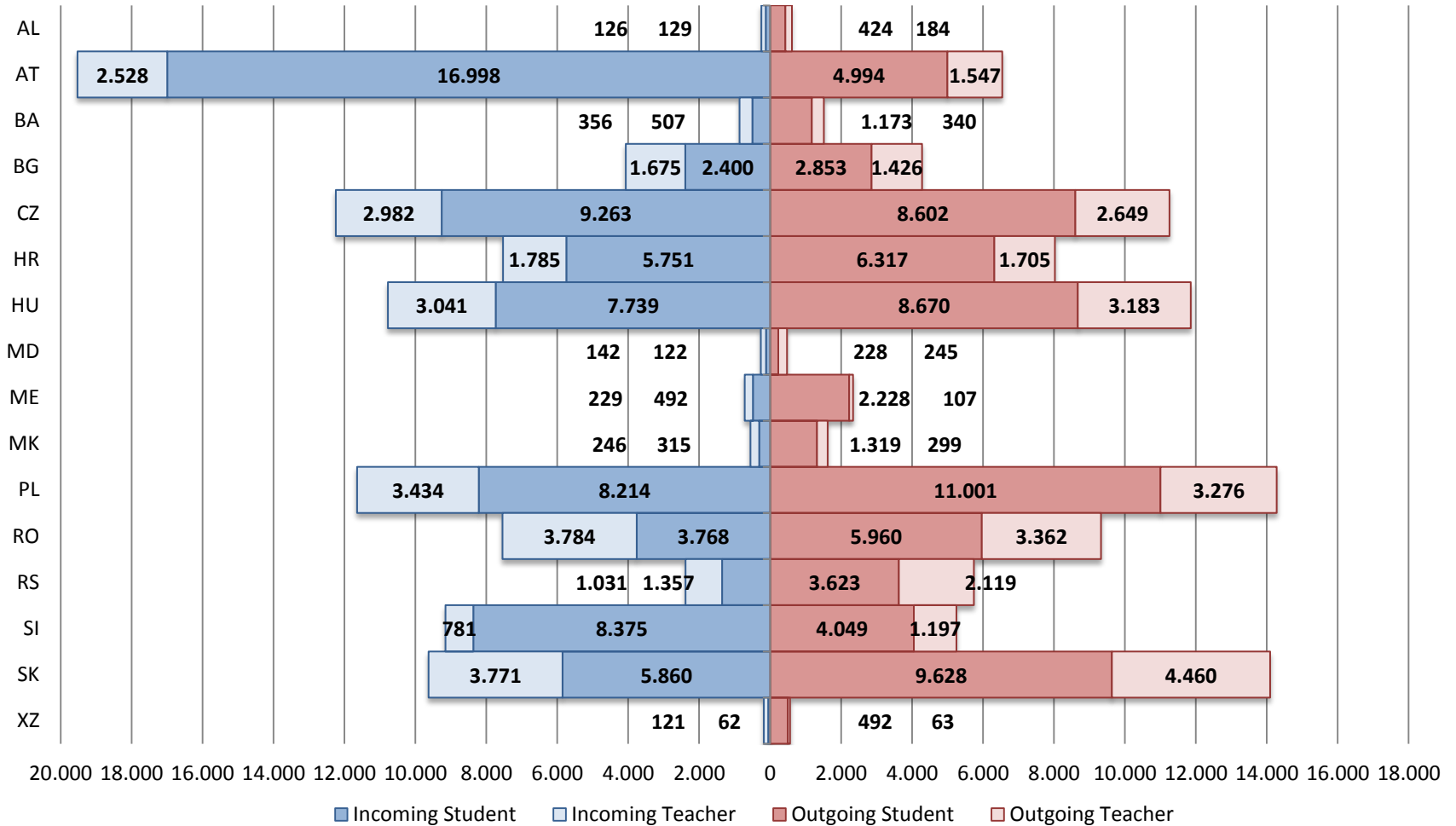
1994/95 – 2018/19 May 2019 – [Total In: 69.250]





# INCOMING – OUTGOING Months

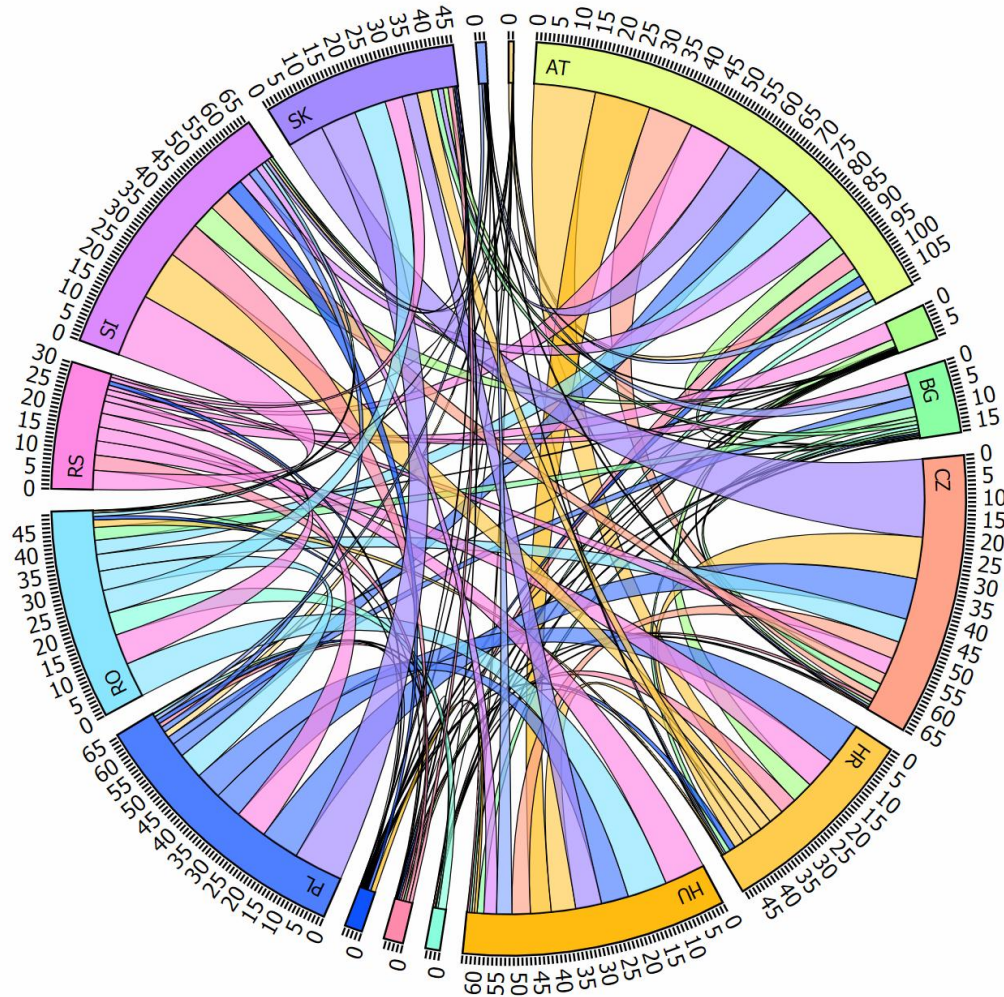
1994/95 – 2018/19 May 2019 – [Total In: 97.384]





# Scholarship Flow

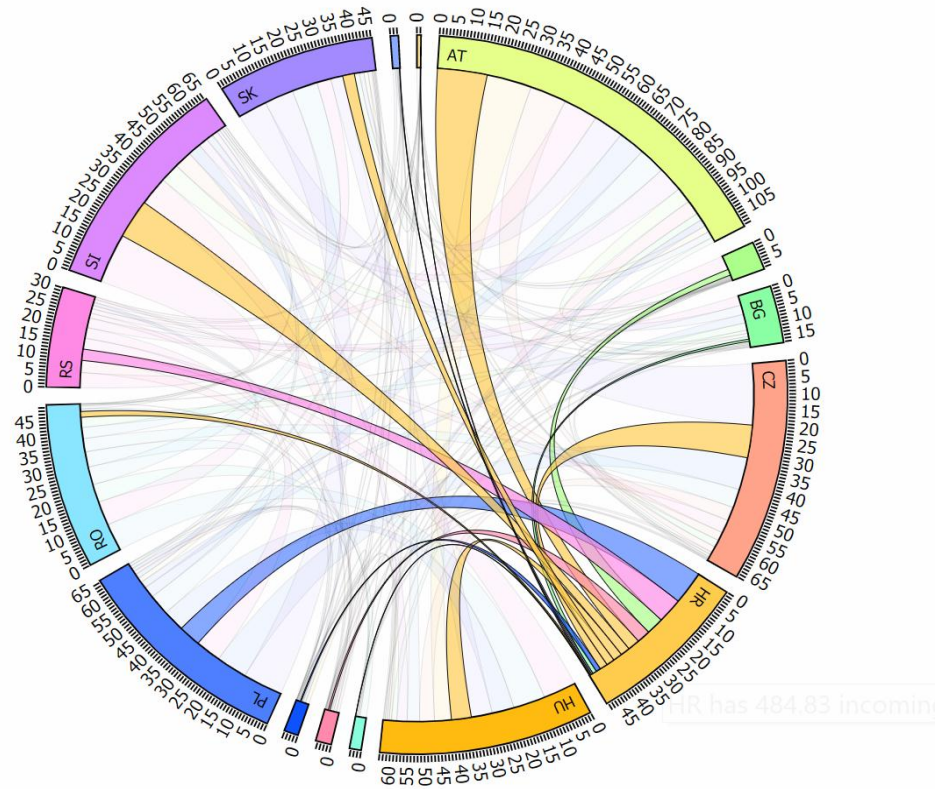
0506 0607 0708 0809 0910 1011 1112 1213 1314 1415 1516 1617 1718 **1819** 1920





# Scholarship Flow

0506 0607 0708 0809 0910 1011 1112 1213 1314 1415 1516 1617 1718 **1819** 1920



## HR

### Incoming

AL	AT	BA	BG	CZ	HR	HU	MD	ME	MK	PL	RO	RS	SI	SK	XZ
3	39	57	13	26	0	30	1	44	15	110	4	82	30	26	5

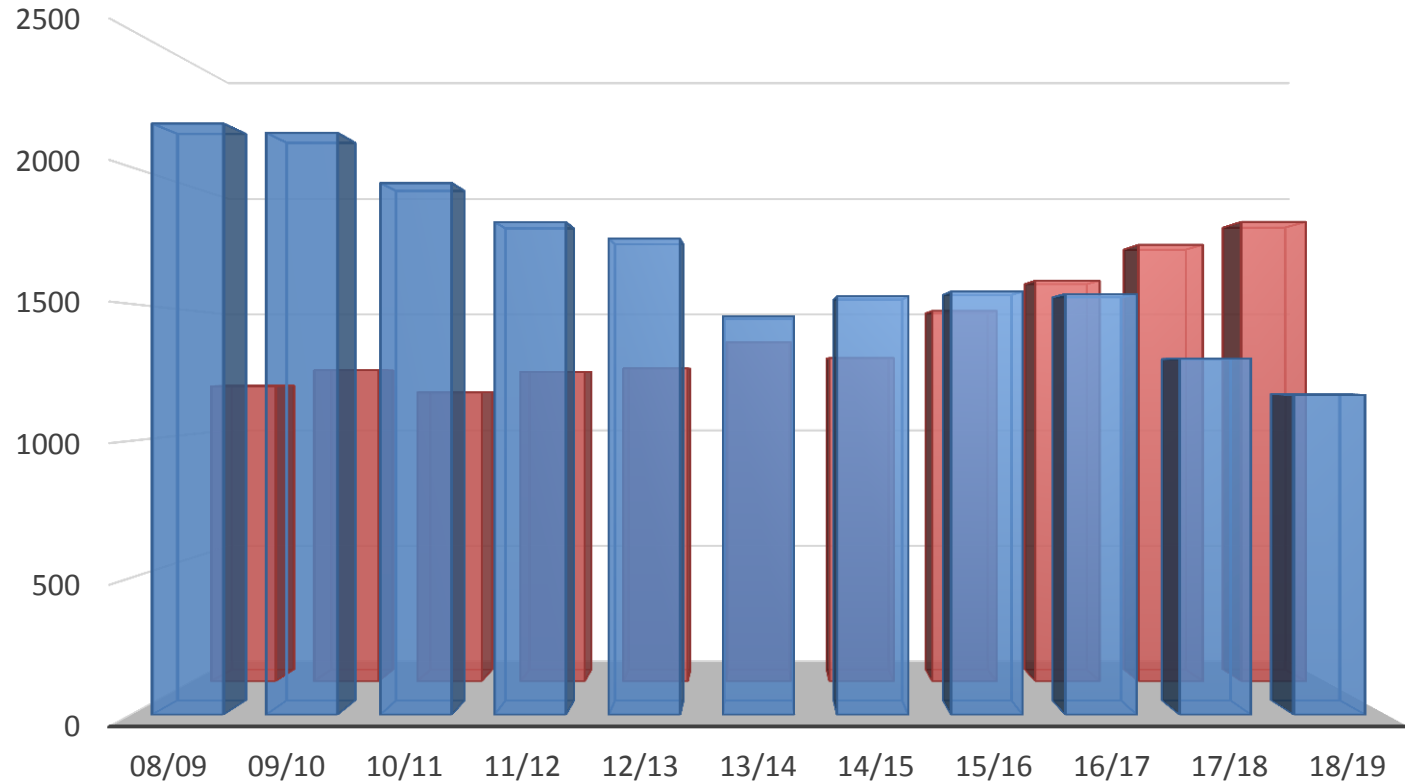
### Outgoing

AL	AT	BA	BG	CZ	HR	HU	MD	ME	MK	PL	RO	RS	SI	SK	XZ
0	160	20	7	108	0	64	0	6	3	72	19	37	129	38	1





# Student vs Teacher



	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19
Student	2158,5	2124,5	1941	1798,5	1738	1454	1527,583	1545	1535,7	1300,617	1167,5
Teacher	1194,5	1258,31	1168,233	1252,067	1265,783	1372,73	1308,209	1498,566	1621,234	1766,216	1859



# Follow up Teacher Study

I signed an unlimited contract as a Professor at my school one month ago. This happens very rarely. Internationalisation was an important factor for this.

My teacher mobilities inspired me innovating my own teaching and also identifying and piloting new methodologies.

One of the outcomes is a common big e-learning platform with learning materials which we developed together.

We developed a transnational online-course within CEEPUS mobility - a very innovative teaching method

## CEEPUS is an important career factor

I consider myself as an icebreaker. After my teacher mobility also other people decided to go to our partner universities

I have published scientific articles with my colleagues

**Rector!**

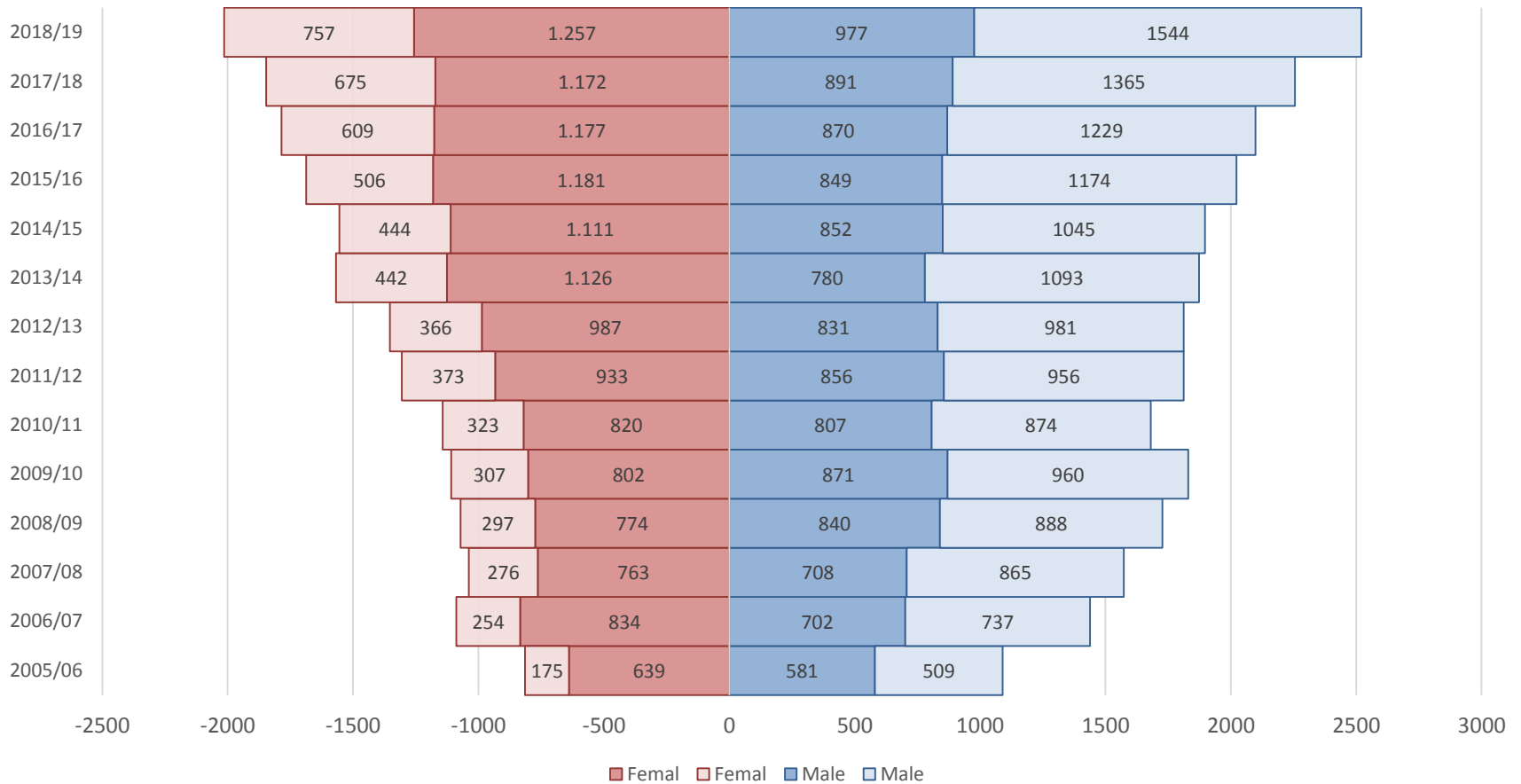
CEEPUS supports concrete mobilities which otherwise would not take place – “without it, it would not happen”.



# Gender

## awarded, accepted & completed

FEMALE / MALE





# Performance !



How did we fare?

Key parameters



# Successful Evaluations

**CEEPUS I & CEEPUS II  
& CEEPUS III**





# Excellence





# Ministers' Prize 2018

**CIII-RO-0058**

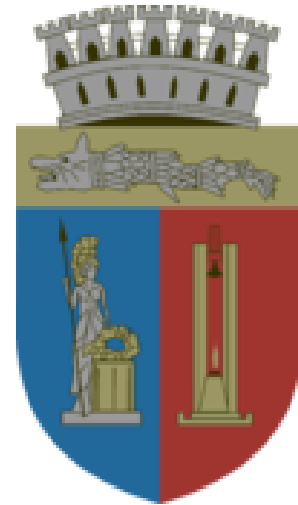
Design, Implementation and Use of Joint Programs  
Regarding Quality in Manufacturing Engineering

**Technical University of Cluj-Napoca**  
Machine Building Faculty -Department of  
Manufacturing Engineering  
**Prof.eng.MSc. PhD. Sorin-Dumitru Grozav**

**Winner already in 2014**



# RO 58 Cluj-Napoca







## RO 58

- 967 teachers
- 164 students
- 808 PhD students
- 113 Scientific papers in English, book
- 2 patents
- 2 scientific awards
- 26 conferences
- 25 Workshops and Summer Schools
- Study course in English
- e – learning
- 10 Joint programs and Joint degree with 22 partners etc

- **software for android phones** to calculate all types of adjustments in the industry
- software is very simple to use and can be used by all project partners and can be accessed in English, German, Polish, Slovak, Czech, Hungarian etc.





# Ministers' Prize 2019

**CIII-HU-0019**

International Cooperation in Computer Science

**Eötvös Loránd University**

Faculty of Informatics, Department of Programming  
Languages and Compilers

**PhD Zoltán Horváth**

**Winner already in 2004 and 2007**





# Partners of HU 19





# Joint Activities

- Curricula development
- Professors with double affiliation (international Master)
- Double degree PhD students (3 PhD, 3 in process)
- Double degree MSc students
- Intensive courses and summer schools
- Joint practical trainings
- Joint papers, text books
- Joint research projects
- Conferences
- Joint master programs
- Guest professor courses in English, German and in Hungarian
- Internship activities
- Exchange of undergraduate and graduate students for full semesters
- Exchange of PhD students, contribution to PhD thesis, joint supervisions of PhD and master thesis



## HU 19

- Central European Functional Programming School
- Hungarian Summer University of the Carpathian Basin
- Cooperation with European Institute of Innovation and Technology (EIT) ICT Labs
  - ➔ EIT Digital
- Curricula Development – Textbooks, Books



# Ministers' Prize Runner Up

**CIII-SI-0217**

Ars-Techne: Creative Design and Innovation

**University of Maribor**

Faculty of Mechanical Engineering

**Univ.-Professor Jelka GERŠAK**

**Runner up the 1<sup>st</sup> time**



## SI 217

- **bilateral research projects** - Implementation of new materials objective measurement and evaluation system in the processes of technical and intelligent textile products design
- **SI – HU:** Research of asymmetric behavior of complex textile structures
- **HR – HU:** 3D modeling of human body based on anthropometric measurement
- **SI - BiH:** Investigation of the effects of high-performance textiles on the wearing comfort of the sports clothing
- **SI – HR:** bilateral project development of smart clothing for people with dementia



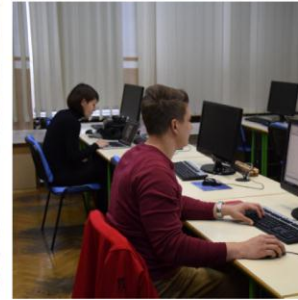
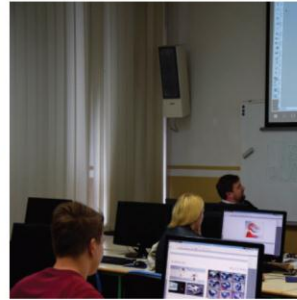


# SI 217/ Smart clothing for people with dementia

- smart clothing with **integrated fall detection and motion monitoring wearable system**
- the wearable system consists of **motion sensor(s), a microcontroller, an additional memory, a wireless radio frequency communication and a power supply**
- The **motion sensor, microcontroller and additional memory are connected by a flexible conductive yarn**. The fall detection and motion monitoring wearable system is **connected by wireless communication to the stationary computer or to a mobile phone**



# SI 217



**Klara Ventusova.**  
Priznanje  
Klara Ventusova je študentka 3. letnika na študijskem programu oblikovanje in grafični dizajn na Fakulteti za arhitekturo in dizajn na Univerzi na Primorskem. Klara je študentka, ki se ukvarja s študijem in delom. Klara je študentka, ki se ukvarja s študijem in delom. Klara je študentka, ki se ukvarja s študijem in delom.



Sani Lara Kolinc in prijateljica iz Prekmurja. Svoje inspiracije iz pristanam v svojo kreativno in obliko. Za v sredini, soli nove in obliko in organizacije, ne samo svojeje in poudarja tisti tona in skupaj. In tako je prenatane zasnova in oblikovanje glasba na otroke in starije ljudi, dolani in skupaj. Inmo kot ljudi. Ukuvaršini se z glasbo, pesmi, delavnica z ljudmi različnih starosti skupaj in poleg za animatorje, vsak tudi skvarjanje z zivalmi in rada po



PORTFOLIO



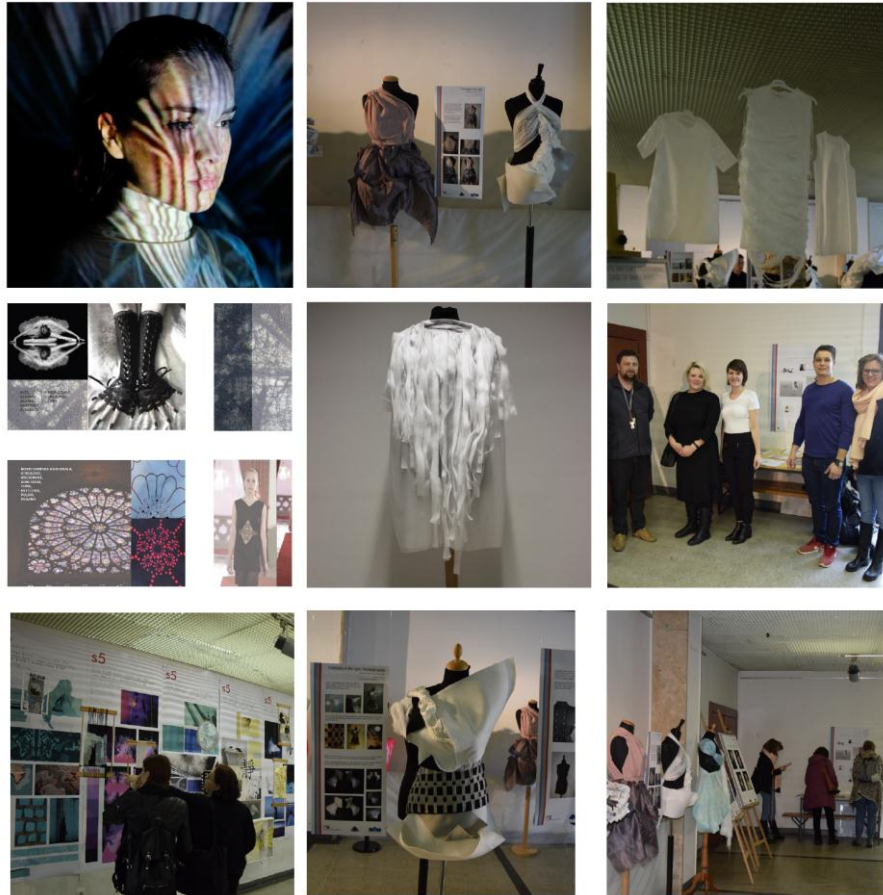


# SI 217





# SI 217





25 years later...





**...which future?**



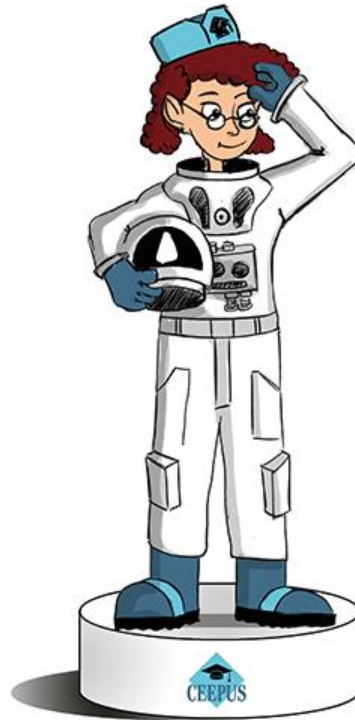


# A new challenge?

*No more USP*

*... but still great interest*

Phase Out  
CEEPUS III?



Develop  
CEEPUS IV?

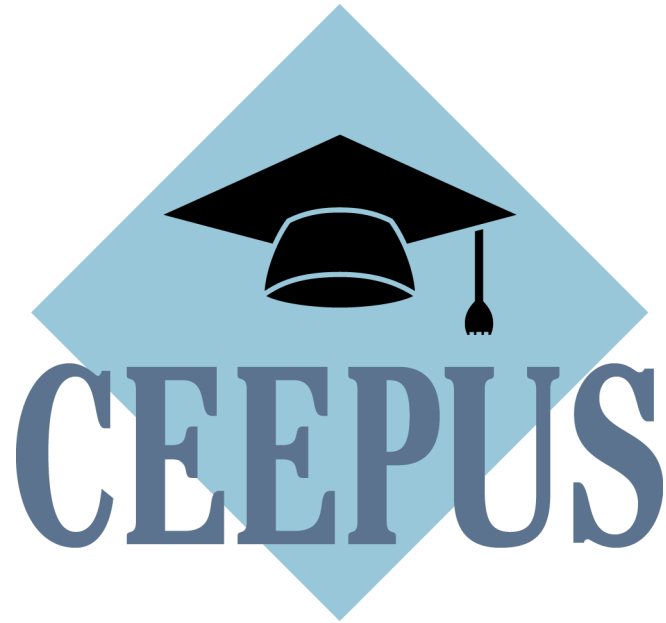


**Preliminary VOTE  
approx.  
Nov 15, 2019**





Elisabeth Sorantin  
Secretary General



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