



MINISTERUL EDUCAȚIEI ȘI CERCETĂRII

Increased Equity in Higher Education – Romania Secondary Education Project (ROSE) Opportunities

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Researchers' Conference**
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- ❑ *Legal framework, components and objectives*
- ❑ *Universities Grants Scheme*
- ❑ *Preliminary results*
- ❑ *Best practices*

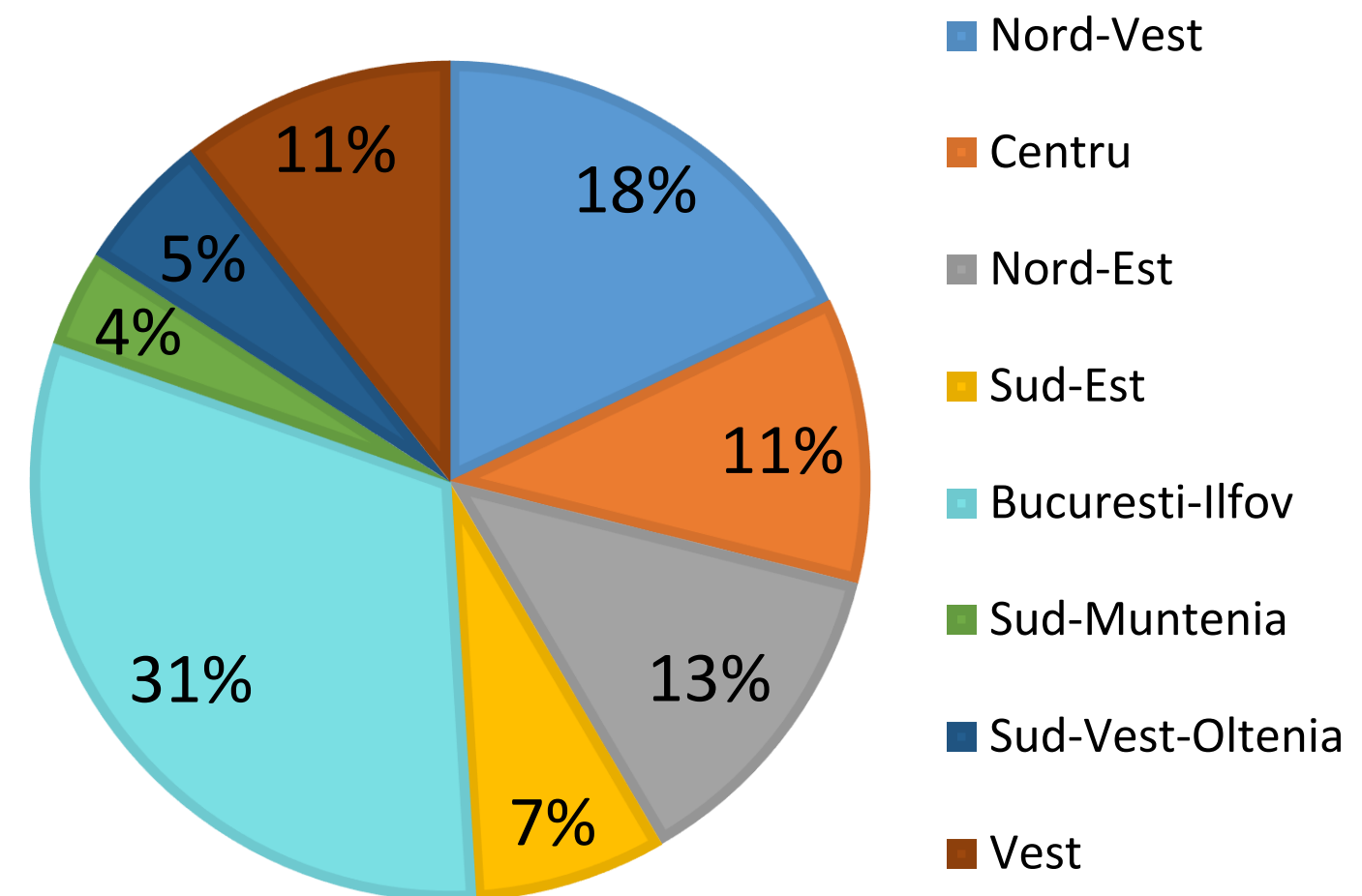


Higher education in Romania

54 public and 34 private universities

533,700 students
(87.7% in public universities)
75.4% bachelor,
20.3% – master,
3.8% – PhD, and
0.5% – postuniversity studies

Share of students enrolled per region



Higher education in Romania

54 public and 34 private universities

Approx. 533,700 students (87.7% in public universities)

**More than 35,000
foreign students
from 122 countries**

**54% female
students**

**Approx. 5%
social
scholarships for
students**

**24.6%
participation in
tertiary education**

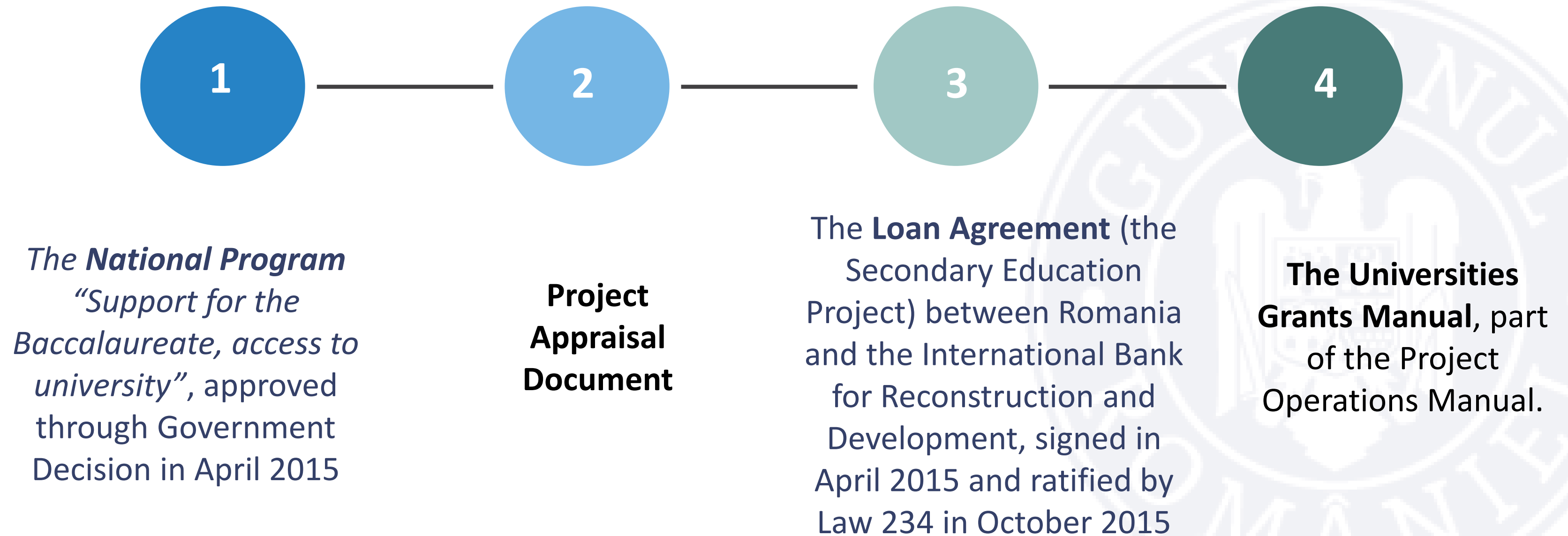
approx. 27,000 teaching staff

Higher education in Romania

social measures

- In 2018 the allocation for students' scholarships doubled
- Places in universities dedicated to students graduating from high schools in rural area or to Roma students
- One of the highest number of places in dorms in Europe
- Free transportation by train within Romania, and reduced fees within city for all students
- Free holidays granted to students, based on social or merit criteria

Project legal framework



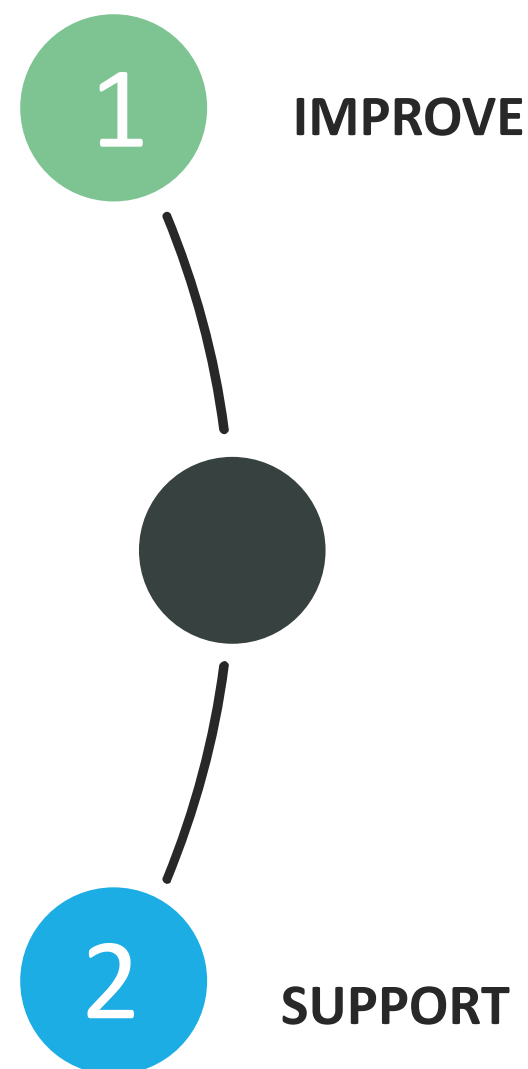
ROSE BUDGET

EUR 200 MILLION

2015 - 2022

IMPLEMENTATION PERIOD

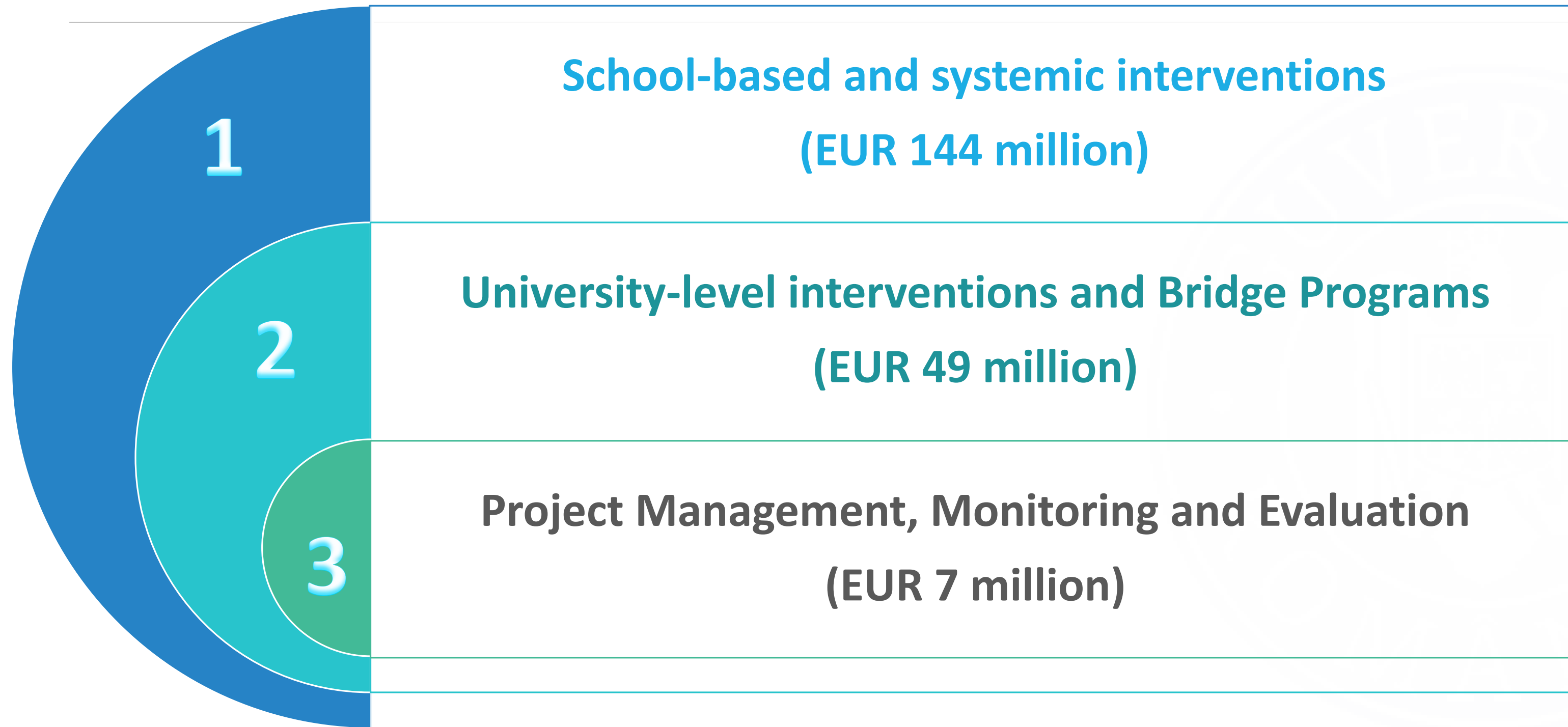
Objectives



Improve the transition from upper secondary into tertiary education and increase the retention in the first year of tertiary education in project-supported education institutions.

(for higher education) Support the needs of students who are at risk of dropping out of public faculties in the first year of study (BA).

Components



Beneficiaries

**Public High-schools and
Higher Education
Institutions (HEIs)**

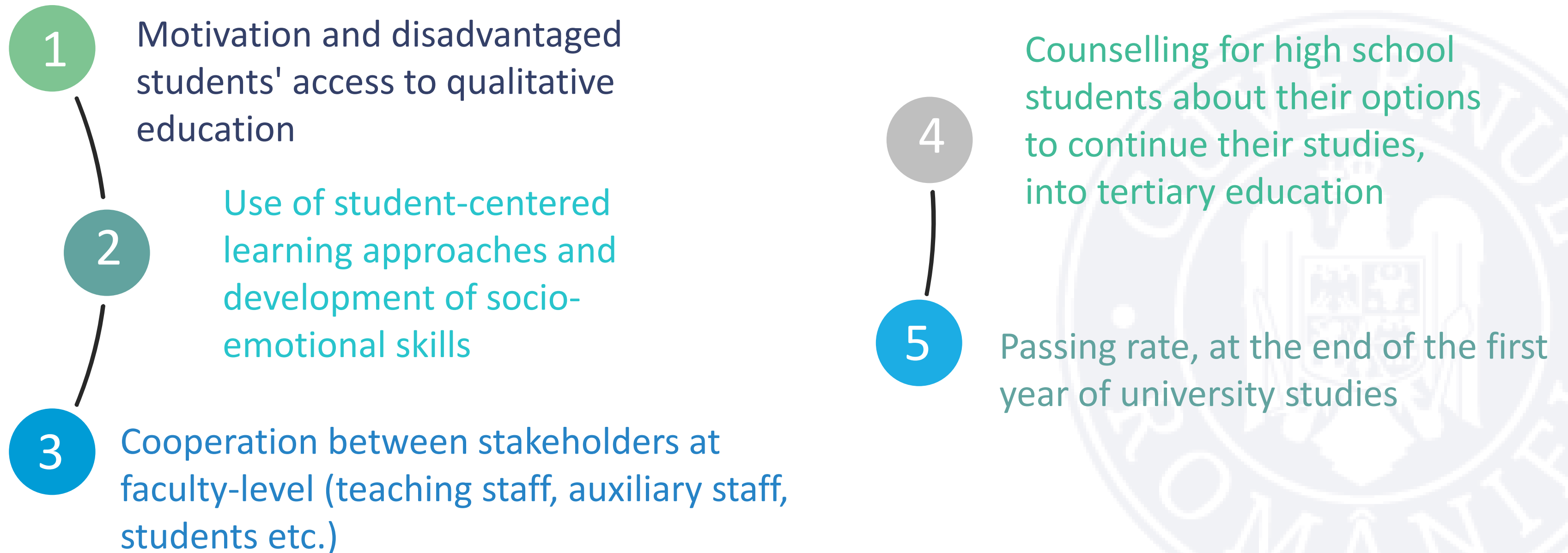
**Ministry of Education
National Centre for Assessment and
Examinations
Institute of Education Sciences
Teacher Houses**

- ❖ Students enrolled in **900 low performing public high schools** (representing 63% of the public high schools), especially students from disadvantaged groups;
- ❖ **Principals and teachers** in the supported high schools;
- ❖ **Students** enrolled in their first year of study in **47 HEIs**, especially students from disadvantaged groups;
- ❖ **Staff of the 312 public faculties** from the eligible public HEIs (representing about 90% of all faculties in public universities).

Achieved so far...

Outcomes	Baseline value	Where we are (728 HS and 202 university grants)	Final target
Reduce drop-out rates in project-supported high schools in the 12th-13th grade	6.5%	3.0%	3.5%
Increase graduation rates in project-supported high schools	86.9%	95.6%	93.0%
Increase Baccalaureate pass rate in project-supported high schools	49.6%	62.9%	59.0%
Increase retention rate in the first year of higher education in project-supported faculties	79.4%	81.7%	82.0%

Objectives for HE component – Increase...



University Grants Schemes

Grants for programs such as remedial, tutoring, support, career counselling and guidance, coaching and personal development, social and emotional skills development or workshops in specific areas

Non-competitive

Student support Grants
Summer Bridge Programs
Learning Centers

47 public universities (except the military ones) ⇒ 350 faculties

Competitive

University Grants schemes – Objectives

Non - Competitive Grants Competitive grants for Student Support	Competitive grants - Learning Centers	Competitive grants - Summer Bridge Programs
<ul style="list-style-type: none"> ➤ develop and implement a variety of programs aimed at supporting students at high risk of dropout in their first year of bachelor studies. 	<ul style="list-style-type: none"> ➤ Set up and operationalize learning spaces fully equipped, which will usually communicate with each other, will be in adjacent locations or will be used to implement the same type of activity; ➤ Can include laboratories for different kinds of practical activities, dedicated to subjects studied in the first year, especially those at which more students fail to pass the exams; ➤ For directed support and self-learning, but also for teamwork, especially for at-risk students in the first year of bachelor studies; operating at the university level. 	<ul style="list-style-type: none"> ➤ Support universities to organize courses and other relevant activities, especially in the campus, aimed at high school students, especially those who belong to vulnerable categories. ➤ The courses offer to high school students an early experience in a university, aimed at familiarizing them with the academic context and at fostering the early development of relevant skills for higher education success.

University Grants schemes – Activities

Non - Competitive Grants Competitive grants for Student Support	Learning Centers	Summer Bridge Programs
<ul style="list-style-type: none"> ✓ remedial programs; ✓ coaching and personal development; ✓ guidance and tutoring; ✓ socio-emotional skills development; ✓ professional counselling and career guidance; ✓ workshops in specific fields; ✓ study visits; ✓ awareness campaigns. 	<ul style="list-style-type: none"> ✓ remedial programs; ✓ coaching and personal development; ✓ guidance and tutoring ✓ socio-emotional skills development; ✓ guidance tutoring; ✓ professional career counselling and guidance; ✓ workshops in specific fields 	<ul style="list-style-type: none"> ✓ courses for high school students who are at risk of dropout; ✓ professional career counselling and guidance; ✓ workshops in specific fields; ✓ study visits; ✓ sports competitions, leisure activities, cultural events; ✓ dissemination campaigns. <p>Special attention paid to the safety and security of students who take part in the activities!</p>

University Grants schemes – target groups

Non-competitive Grants /Competitive grants for Student Support	Competitive grants/ Learning Centers	Competitive grants/ Summer Bridge Programs
BA first-year students at risk in public universities: <ul style="list-style-type: none"> ➤ Entered public faculties with a Baccalaureate score less than or equal to 7; or ➤ Come from disadvantaged socio-economic groups , such as: <ul style="list-style-type: none"> • Come from low-income families; • Come from the rural area; • Have disabilities or chronic diseases; • Are orphans of one or both parents; • Come from foster care, orphanages, other similar institutions; or • Are Roma. 		At-risk high school students from ROSE eligible public high-schools: <ul style="list-style-type: none"> • coming from small-income families; • historically facing discrimination based on ethnicity (including Roma); • living in rural areas or other areas where there are no schools in the vicinity; • having one or two parents at work abroad; or • having special education needs.

University Grants schemes – Financial aspects non - competitive grants



- ✓ Small – EUR 40,135
- ✓ Medium – EUR 75,200
- ✓ Large – EUR 150,000

Criterion	Description	Score
C1. Number of students expelled after the first year of studies	Number of students: 0-30	5
	Number of students: 31-55	15
	Number of students: >55	25
C2. Number of at-risk students	Number of students: 0-100	15
	Number of students: 101-200	30
	Number of students: >200	45
C3. Subject field of the study program where students are enrolled*	Arts and humanities	5
	Sports science and physical education	
	Social sciences	15
	Math and natural sciences	30
	Engineering	
	Biology and biomedical sciences	
Total score		100

**If a faculty has several study programs corresponding to different subject fields, as defined under C3, the score will be allocated depending on the total number of students enrolled in the 1st year for each field.*

University Grants schemes – Financial aspects competitive grants



GRANTS FOR STUDENT SUPPORT

EUR 150,000
Max 10% direct costs
endowments



LEARNING CENTERS

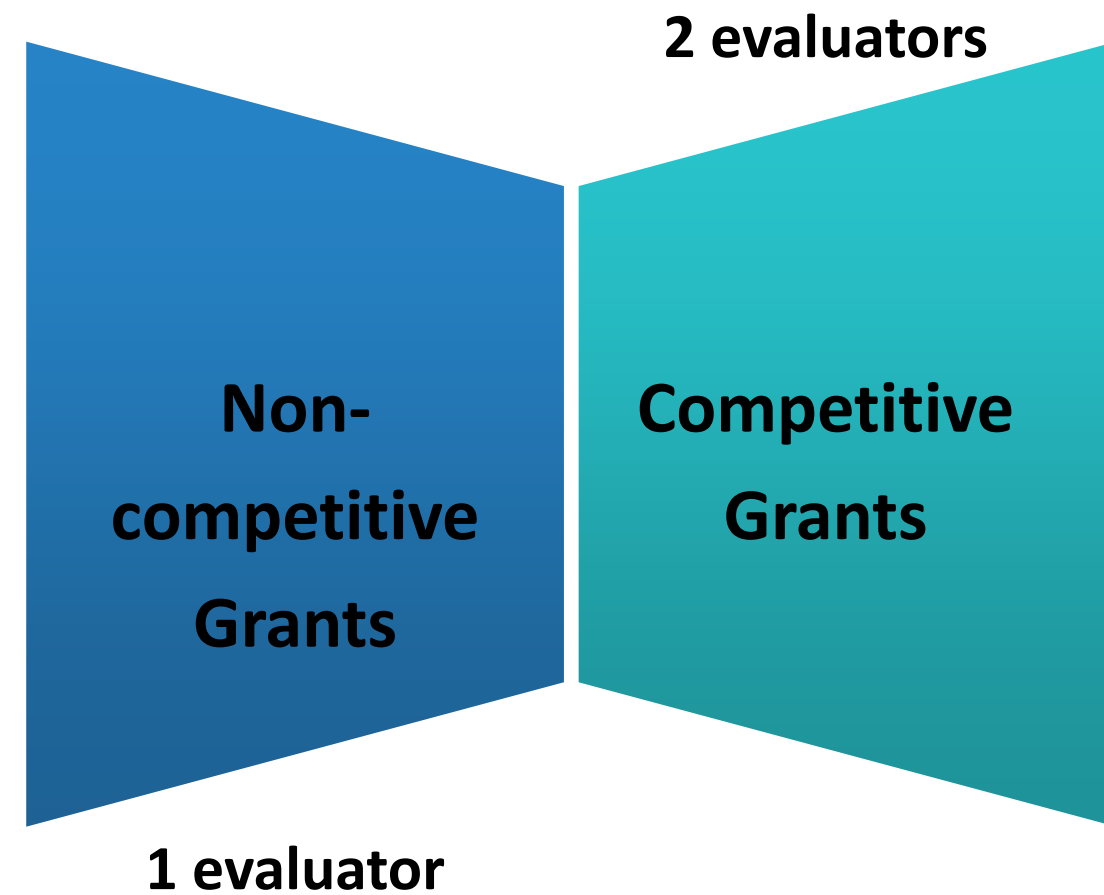
EUR 200,000 – 1st and 2nd
round
EURO 300,000 – 3rd round
Min 70% direct costs
endowments and works



SUMMER BRIDGE PROGRAMS

EUR 20,000
(min. 25 high school
students, 2 – 3 weeks)
Max 10% direct costs
endowments

University Grants schemes - Evaluation



Stages:

- I. Checking the technical and administrative compliance
- II. Qualitative evaluation.

University Grants schemes – Support mechanisms

Preparation of pedagogical guidelines regarding:

- ✓ the development of socio-emotional competencies
- ✓ personal development and coaching

Job Outlook 2020 survey

Attribute	% of Respondents
Problem-solving skills	91.2%
Ability to work in a team	86.3%
Strong work ethic	80.4%
Analytical/quantitative skills	79.4%
Communication skills (written)	77.5%
Leadership	72.5%
Communication skills (verbal)	69.6%
Initiative	69.6%
Detail-oriented	67.6%
Technical skills	65.7%

[<https://www.nacweb.org>]

University Grants schemes – Support mechanisms

Preparation of pedagogical guidelines regarding:

- ✓ the development of socio-emotional competencies
- ✓ personal development and coaching

Attribute

1. Data literacy
 2. Critical Thinking
 3. Tech Savviness
 4. Adaptability and Flexibility
 5. Creativity
 6. Emotional Intelligence (EQ)
 7. Cultural Intelligence and Diversity
 8. Leadership Skills
 9. Judgment and Complex Decision Making
 10. Collaboration
- + self-management skills

The 10+ Most Important Job Skills Every Company Will Be Looking For In 2020

[<https://www.forbes.com>]

No. of contracted grants per type and batch

Type of grant	Batch	No of grants (approved)	Value (EUR)	Implementation period	Target groups (high school students / students)
SUMMER BRIDGE	1	20	2,535,990.06	2017-2020	3,595
SUMMER BRIDGE	2	39	4,108,956.48	2019-2021	5,713
SUMMER BRIDGE	3	Not due yet		2020-2022	
TOTAL		59	6,644,946.54		9,308
NON-COMPETITIVE	1	60	7,851,774.47	2017-2020	20,779
NON-COMPETITIVE	2	141	13,211,264.38	2019-2022	25,206
STUDENTS SUPPORT	3	Not due yet		2020-2022	
TOTAL		201	21,063,038.85		45,985
LEARNING CENTERS	1	13	2,552,439.93	2017-2020	13,450
LEARNING CENTERS	2	12	2,353,705.60	2018-2021	9,130
LEARNING CENTERS	3	13	3,693,722.40	2019-2022	9,065
TOTAL		38	8,599,867.93		31,645
TOTAL UGS		298	36,307,853.32		86,938

Non-competitive grants scheme, first round - Top ten universities, ranked according to the number of students involved

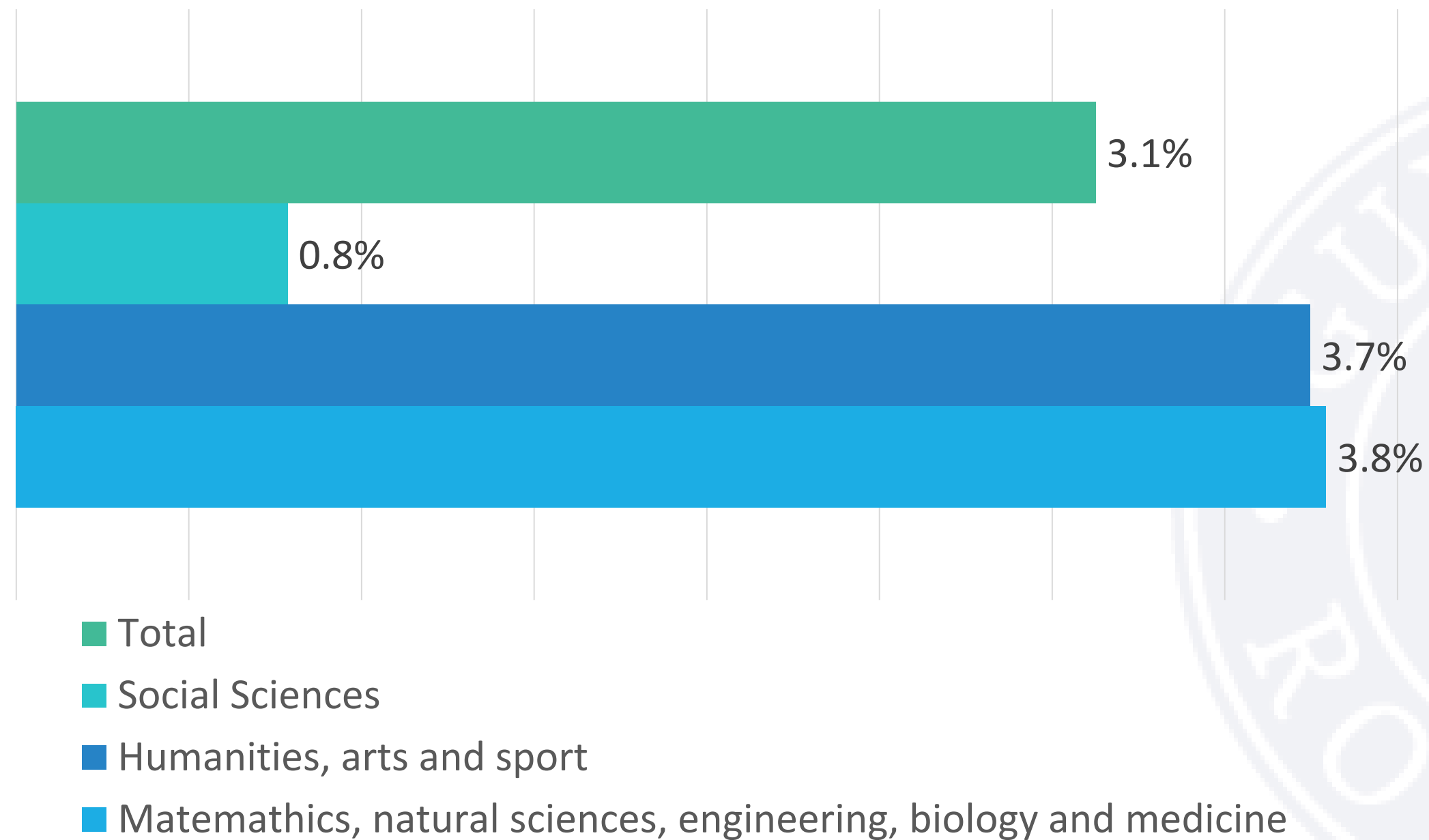
Universities	Faculties	Beneficiaries – Students	Beneficiaries – At-risk students
Universitatea de Vest din Timișoara	2	974	501
Universitatea Tehnică din Cluj-Napoca	3	831	514
Universitatea „Al.I. Cuza” din Iași	3	695	492
Universitatea Politehnica din Bucuresti	3	634	382
Universitatea din București	2	580	189
Universitatea Babeș-Bolyai din Cluj-Napoca	3	543	445
Universitatea din Oradea	3	525	370
Universitatea din Craiova	3	518	440
Academia de Studii Economice din București	3	490	549
Universitatea Politehnica din Timișoara	1	487	296

Non-competitive grants scheme

60 faculties – 2018/2019

Areas	Faculties	Av. graduation rate - 1st year of studies 2017/18	Av. graduation rate - 1st year of studies 2018/19	Total No. of Beneficiaries - Students	Total No. of Beneficiaries - At- risk students	% of total beneficiaries
Mathematics, natural sciences, engineering, biology and medicine	40	76%	80%	6,472	5,214	62%
Humanities, arts and sport	6	82%	86%	1,204	649	12%
Social Sciences	13	80%	81%	2,718	2,094	26%
TOTAL	59	78%	81%	10,394	7,957	

Non-competitive grants scheme – Increase of graduation rate per field of studies

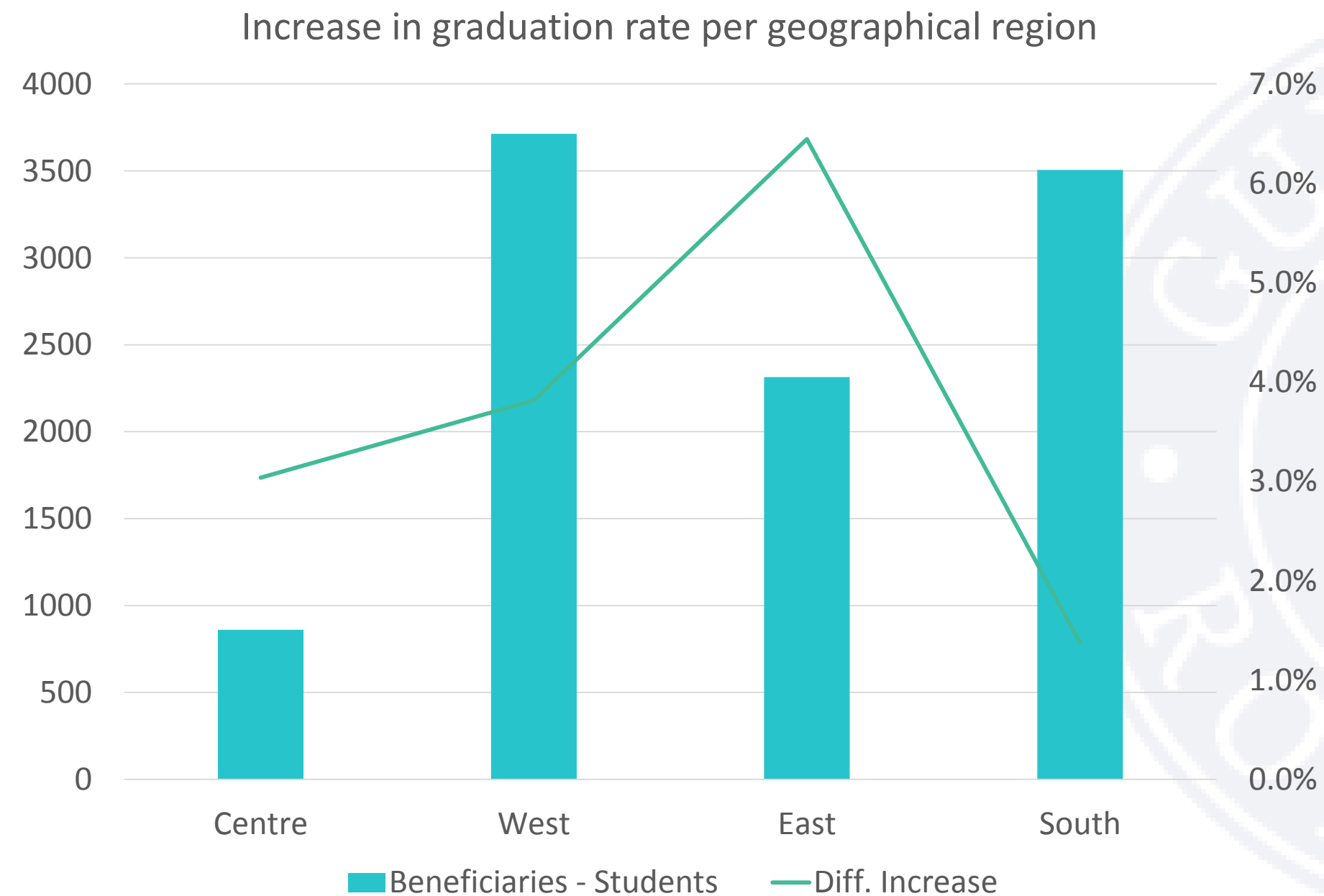


2018/19

Non-competitive grants scheme – increase of the graduation rate per geographical region

Location	Faculties	Av. graduation rate - 1st year of studies 2017/18	Av. graduation rate- 1st year of studies 2018/19	Diff. Increase	Total No. of Beneficiaries - Students	Total No. of Beneficiaries - At-risk students
East	14	77%	83%	6.4%	2,314	1,972
West	16	80%	83%	3.8%	3,713	2,407
Centre	7	79%	82%	3.0%	861	693
South	22	76%	77%	1.4%	3,506	2,885
TOTAL	59	78%	81%	3.1%	10,394	7,957

Non-competitive grants scheme – increase of the graduation rate per geographical region

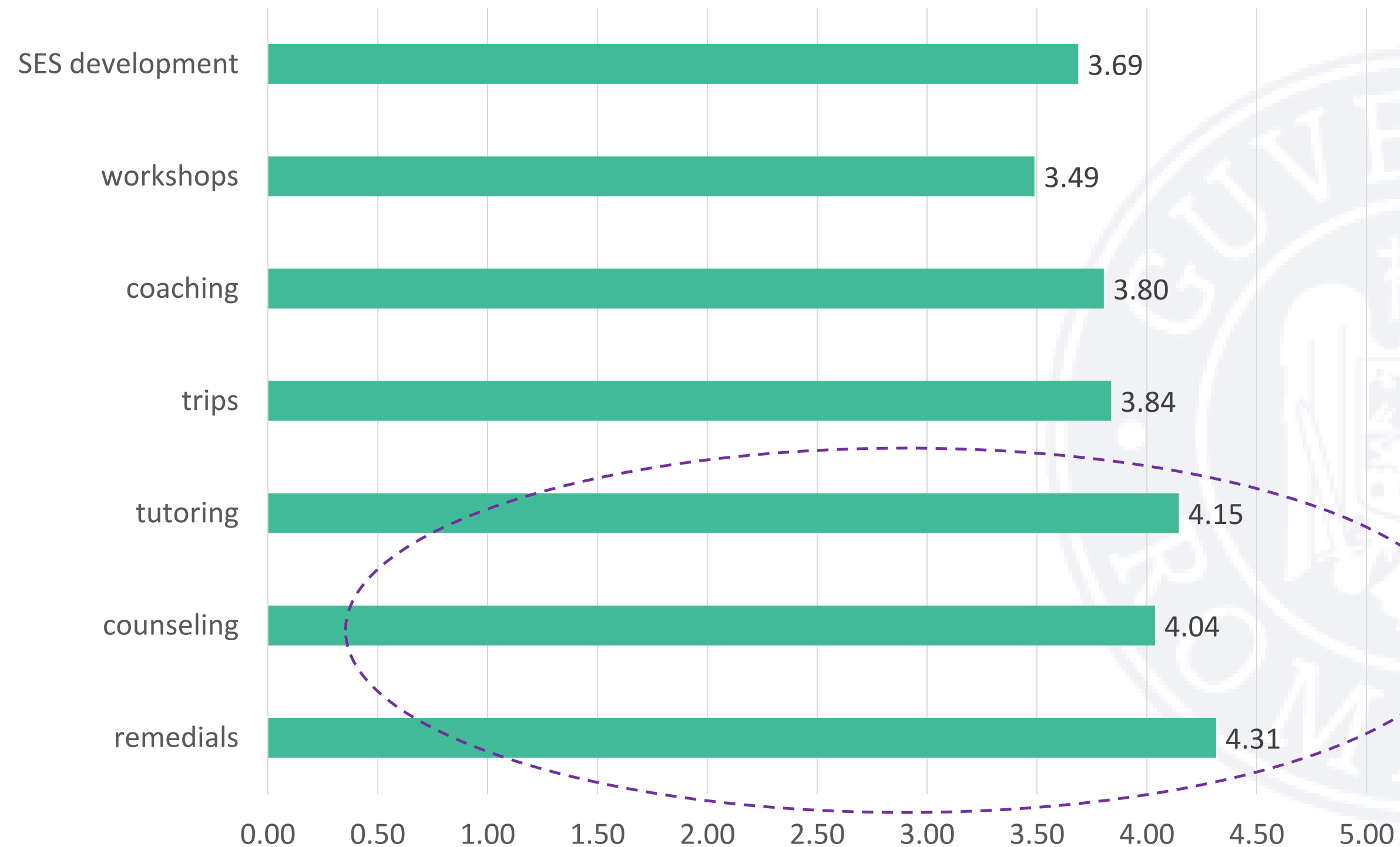


2018/19

Non-competitive grants scheme - Top ten most performant universities, ranked according to the increased graduation rate of students in the first year of studies

University	Faculties	Diff. Increase	No. of Beneficiaries - Students	No. of Beneficiaries - At-risk students
Universitatea „Vasile Alecsandri” din Bacău	1	14.1%	203	165
Universitatea din Craiova	3	11.8%	518	440
Universitatea „1 Decembrie 1918” din Alba Iulia	1	10.4%	116	116
Universitatea din Petroșani	1	10.1%	136	109
USAMV a Banatului „Regele Mihai I al României” din Timișoara	2	9.3%	161	129
UMF Târgu Mureș	1	8.0%	62	62
Universitatea Tehnică „Gheorghe Asachi” din Iași	3	6.4%	428	304
Universitatea „Ștefan cel Mare” din Suceava	2	4.9%	338	296
Universitatea din București	2	4.3%	580	189
USAMV „Ion Ionescu de la Brad” din Iași	2	4.0%	215	205

Non-competitive grants scheme - Students' Perception on the Impact of Activities



Study visits



Study visits



Study visits



Study visits



Study visits



Remedials



Remedials



SES



SES



SES



Counselling



Counselling



Workshops



LEARNING CENTRES



LEARNING CENTRES



LEARNING CENTRES



LEARNING CENTRES



LEARNING CENTRES



LEARNING CENTRES



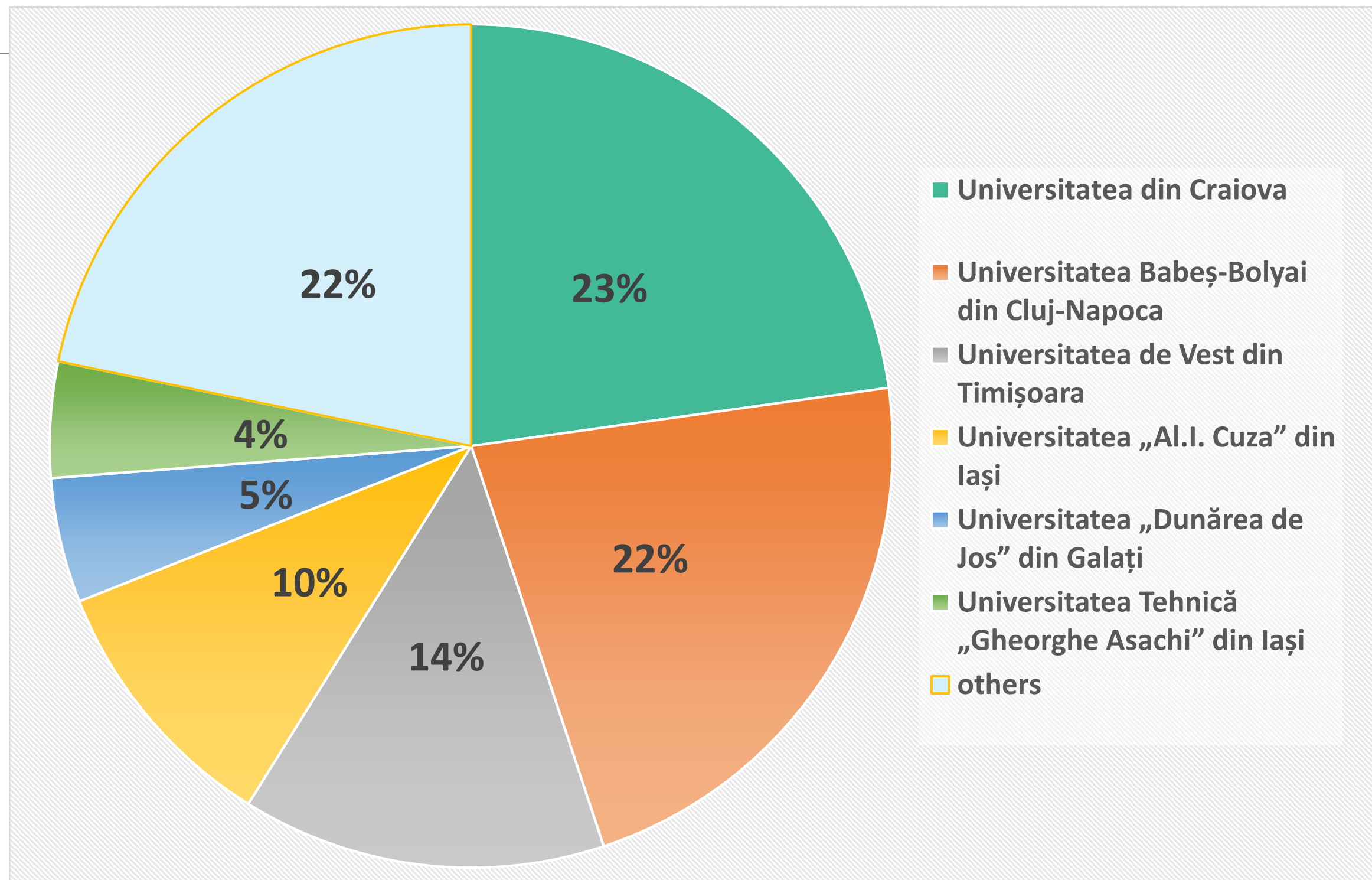
LEARNING CENTRES



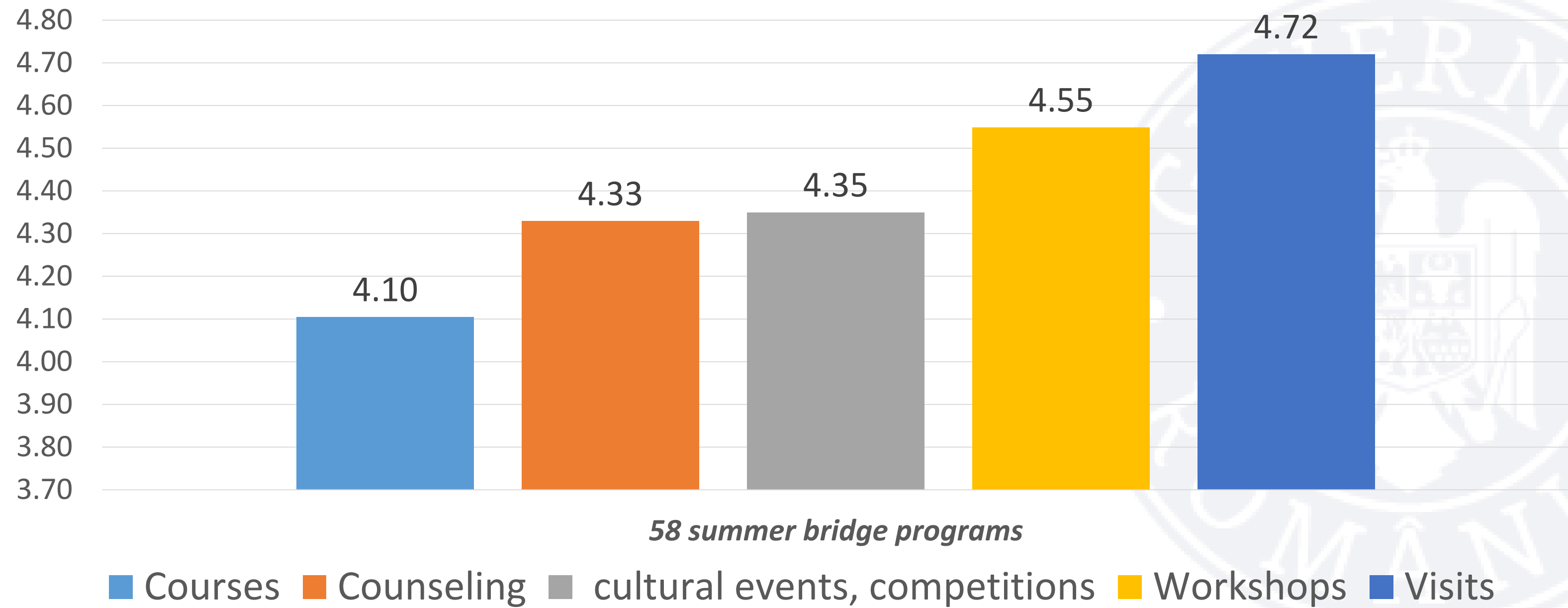
LEARNING CENTRES



Summer bridge programs - Universities, ranked according to the number of students involved



Summer bridge programs - Students' Perception on the Impact of Activities



Summer bridge programs - Students' Perception on the Impact of Activities



















Organizația Studenților din
Universitatea de Vest din Timișoara

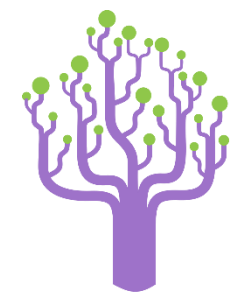






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