



24th PA7 Steering Group Meeting WG HEI

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Major actions

- Gradual re-introduction of physical mobility
- Solidarity actions supporting Ukrainian universities
- Close collaboration with the Danube Rectors' Conference
- Planned meeting with European University Alliance members from the Danube Region

European University Initiative

The European University Initiative has tasked the alliances to be test-beds shaping the European universities of the future.

- Of the 17 alliances selected in the first call in 2019, all but three have members from the Danube region.
- In the second call in 2020 24 alliances were selected and 20 of them have partner universities from the region.
- At the moment 60 universities from the Danube region are members of European university alliances. Only 22 of those universities are now members of the DRC.

Number of scientific publications in the Danube region in the period 2017-2021

Country	2017	2018	2019	2020	2021
Austria	21695	22712	24953	24231	26138
Bosnia & Herzegovina	693	775	806	1171	1278
Bulgaria	3110	2902	3202	4374	4499
Croatia	4620	5017	5567	6764	7324
Czech Republic	16229	16734	18498	19670	21417
Germany*	142206	146052	158829	149638	160402
Hungary	8899	9456	10391	10632	11667
Moldova	326	331	390	445	446
Montenegro	358	346	431	579	602
Romania	9510	9767	11312	13020	14570
Serbia	6176	6344	6985	7087	7705
Slovakia	4637	4560	5261	6829	7375
Slovenia	4727	5023	5548	6048	6748
Ukraine	5281	5381	5830	11630	12227

Co-authorships of scientific publications within the Danube Region in 2021

- See next slide
- The main diagonal shows the total number of published papers in the country.

	A	B&H	BG	CRO	CZ	D*	H	MLD	MN	RO	RS	SK	SI	UE
A	26138	0.26	1.21	1.92	5.34	29.16	3.22	0.09	0.35	1.87	1.73	1.72	2.48	0.99
B&H	5.32	1278	4.46	19.95	5.16	8.29	3.52	0.70	4.62	5.40	30.44	3.36	8.76	2.11
BG	7.00	1.27	4499	5.18	7.22	14.23	6.45	0.38	1.76	6.31	6.82	4.07	3.80	4.25
CR)	6.85	3.48	3.18	7324	5.19	11.66	4.90	0.16	1.68	3.52	7.28	2.27	7.06	2.59
CZ	6.52	0.31	1.52	1.77	21417	14.60	3.38	0.10	0.36	2.23	1.97	7.82	1.89	1.86
D*	4.75	0.07	0.40	0.53	1.95	160402	1.17	0.05	0.05	0.79	0.53	0.45	0.59	0.55
H	7.21	0.39	2.49	3.08	6.21	16.05	11667	0.15	0.60	5.59	3.31	3.82	2.68	2.50
MLD	5.38	2.02	3.81	2.69	4.93	19.06	4.04	446	1.35	22.65	3.59	2.91	2.24	6.73
MN	15.28	9.80	13.12	20.43	12.79	13.95	11.63	1.00	602	5.65	38.54	4.32	7.81	10.63
RO	3.36	0.47	1.95	1.77	3.27	8.70	4.47	0.69	0.23	14570	2.46	2.05	1.92	1.82
RS	5.85	5.05	3.98	6.92	5.48	11.06	5.01	0.21	3.01	4.65	7705	3.19	5.78	2.22
SK	6.10	0.58	2.48	2.25	22.70	9.76	6.05	0.18	0.35	4.04	3.34	7375	3.16	5.07
SI	9.62	1.66	2.53	7.66	6.00	14.00	4.64	0.15	0.70	4.15	6.59	3.45	6748	1.42
UE	2.13	0.22	1.56	1.55	3.26	7.22	2.39	0.25	0.52	2.17	1.40	3.06	0.79	12227

Top Danube universities in 2021 ARWU rankings

Country	Top university	Rank
Austria	University of Vienna	151-200
B & H	-	-
Bulgaria	Sofia University	901-1000
Croatia	University of Zagreb	601-700
Czech Republic	Charles University Prague	201-300
Germany*	University of Munich	48
Hungary	Eötvös Loránd University	601-700
Moldova	-	-
Montenegro	-	-
Romania	Babeş-Bolyai University Cluj Napoca	801-900
Serbia	University of Belgrade	501-600
Slovakia	Comenius University Bratislava	801-900
Slovenia	University of Ljubljana	501-600
Ukraine	-	-

U21 Ranking of National Higher Education Systems

Country	Rank	Rank Adjusted by GDP
Austria	12	16
B & H	-	-
Bulgaria	45	42
Croatia	43	35
Czech Republic	29	26
Germany*	16	24
Hungary	33	30
Moldova	-	-
Montenegro	-	-
Romania	44	46
Serbia	42	11
Slovakia	38	45
Slovenia	28	27
Ukraine	36	14

World Bank data on research and development expenditures in 2018

Country	% of GDP
Austria	3.21
Bosnia & Herzegovina	0.19
Bulgaria	0.76
Croatia	0.97
Czech Republic	1.93
Germany*	3.13
Hungary	1.53
Moldova	0.25
Montenegro	0.36
Romania	0.50
Serbia	0.92
Slovakia	0.84
Slovenia	1.95
Ukraine	0.47

Number of patent applications by residents in 2019

Country	No. of patent application, residents
Austria	2066
Bosnia & Herzegovina	45
Bulgaria	186
Croatia	195
Czech Republic	765
Germany*	46632
Hungary	427
Moldova	85
Montenegro	16
Romania	881
Serbia	168
Slovakia	206
Slovenia	255 (in 2018)
Ukraine	2097



DER DONAURAUM

Shrinking Spaces – Growing Responsibilities

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Data provided in paper in this issue

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“The 10th Anniversary of the EUSDR: Impacts on Higher Education, Research and Innovation in the Danube Region”

Focal topic for 2023

Coalition for Advancing Research Assessment

Our vision is that the assessment of research, researchers and research organisations recognises the diverse outputs, practices and activities that maximise the quality and impact of research. This requires basing assessment primarily on qualitative judgement, for which peer review is central, supported by responsible use of quantitative indicators.

The DRC is a founding member of the CoARA.