

Registrul Roman al Infrastructurilor de Cercetare

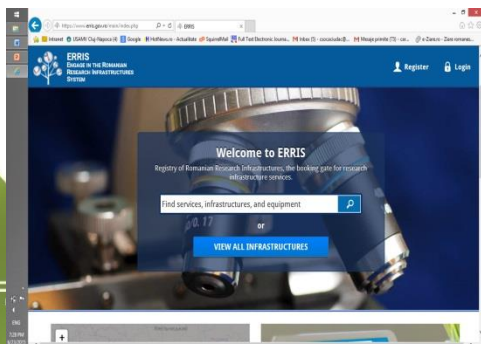


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Enlarging the Romanian Research Infrastructure System to Danube Region Conference of Rectors (in the EUSDR context)

***Prof. Dr. Carmen SOCACIU, Prorector CDI
USAMV Cluj-Napoca***





DRC and universities network in the Danube Region

Doru C. Pamfil

Danube Rectors' Conference President

USAMV Cluj-Napoca Rector

Carmen Socaciu

Danube Rectors' Conference General Secretary

USAMV Cluj-Napoca Vice-Rector

European Research Area

European Higher Education Area



- Universities: drivers of innovation and education for more than 600 years
- R&D expenditure in the EU-28:
 - Total 251 Billion € (basis 2013)
 - HEI: **57 Billion € (23%)**
- 2,906 higher education institutions (EUA - 828)
- 1,364 research universities > 850 awarding PhD
- HEI: employ 700.000 scientist (44%) out of 1,600.000 European R&D personnel

Examples of already existing networks in the Danube Region



- **DRC**
- **DAC**
- **ICA - CASEE**
- **CEEPUS**
- **INTERACT**
- **KNOWLEDGE CLUSTERS**

Danube Rectors Conference



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- **1983 Vienna** - Danube Rectors' Conference established by rectors from the universities of Ulm, Linz, Vienna & Budapest
- **2013** Registered in Brussels with a headquarter in Vienna
- **2015- 2016 Presidency:**

President prof. Doru PAMFIL (RO)

Vicepresident Prof. Jiří Balík (CZ)

Vicepresident Mag. Friedrich Faulhammer (AT)

Honorary president: Prof. Ferencz

Hudecz (HU)



<http://www.drc-danube.org>

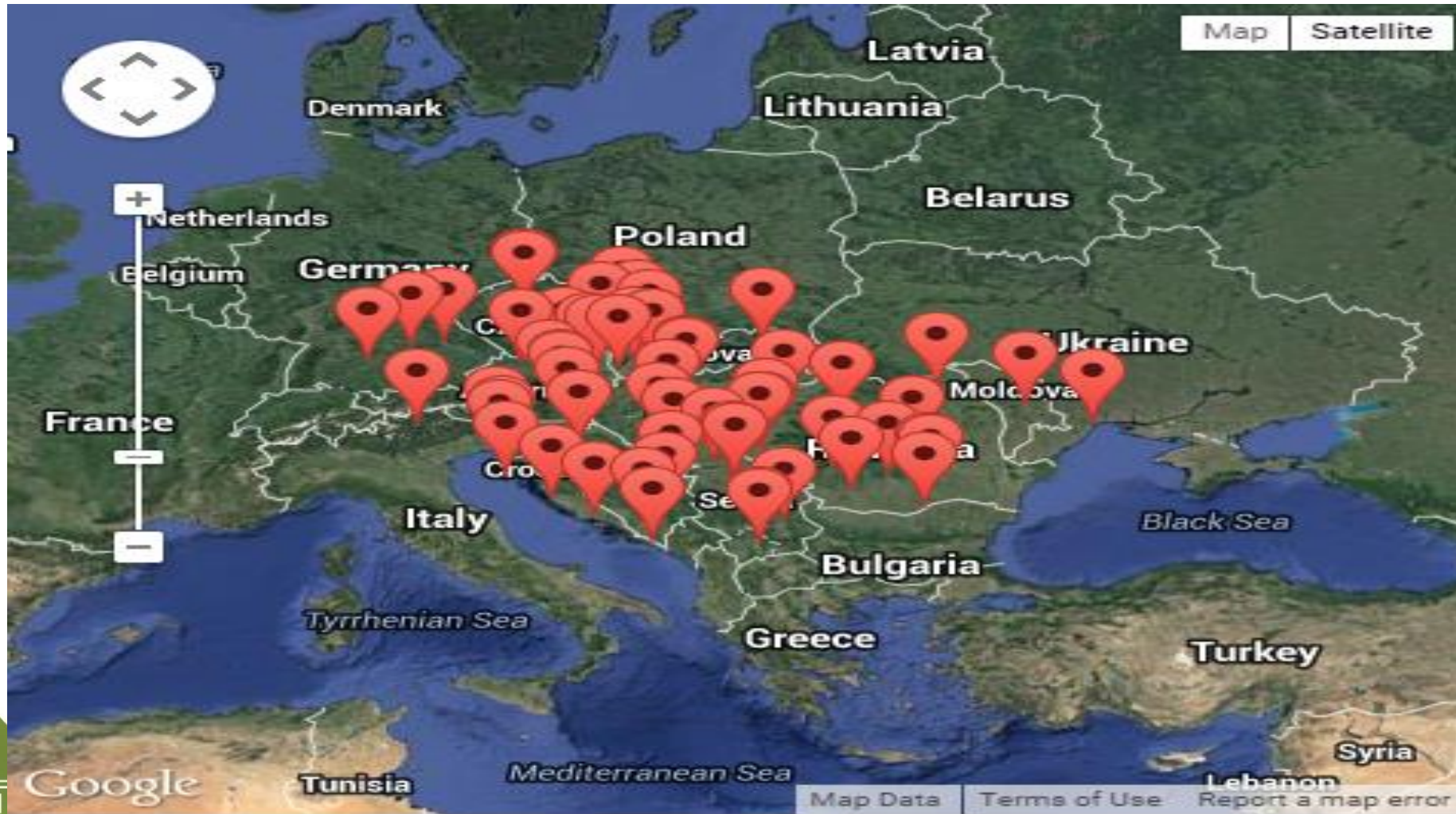
Danube Rectors Conference



• Objectives:

- to raise the general level of academic performance in education, scientific research and didactics
- to promote mobility (students and teachers)
- multilateral cooperation in the Danube region
- support the Central European Exchange Program for University Studies (CEEPUS)
- cooperates on EUSDR with European Union institutions

Danube Rectors Conference





Danube Rectors Conference



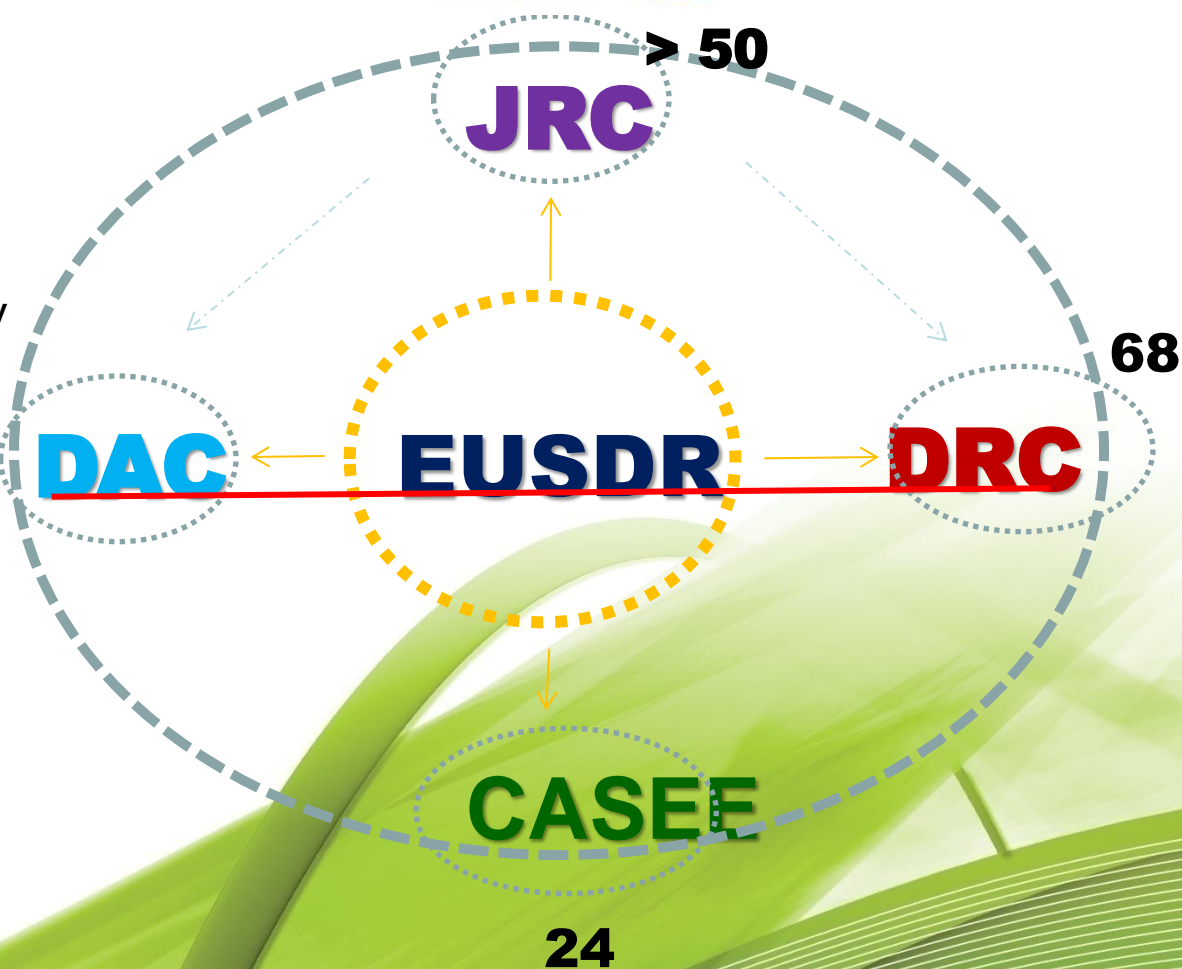
- **68 members**, high ranking network of significant universities of **15 Danube countries** - **10 EU and 4 non EU countries**
- EU members (): Austria (), Bulgaria (), Czech Republic (), Croatia (), Germany (), Italy (3), Hungary (), Poland (), Romania (), Slovakia (), Slovenia ()
- Non EU members (): Bosnia and Herzegovina (), Serbia (), Ukraine (), Moldova (1)
- **over 800.000 students**

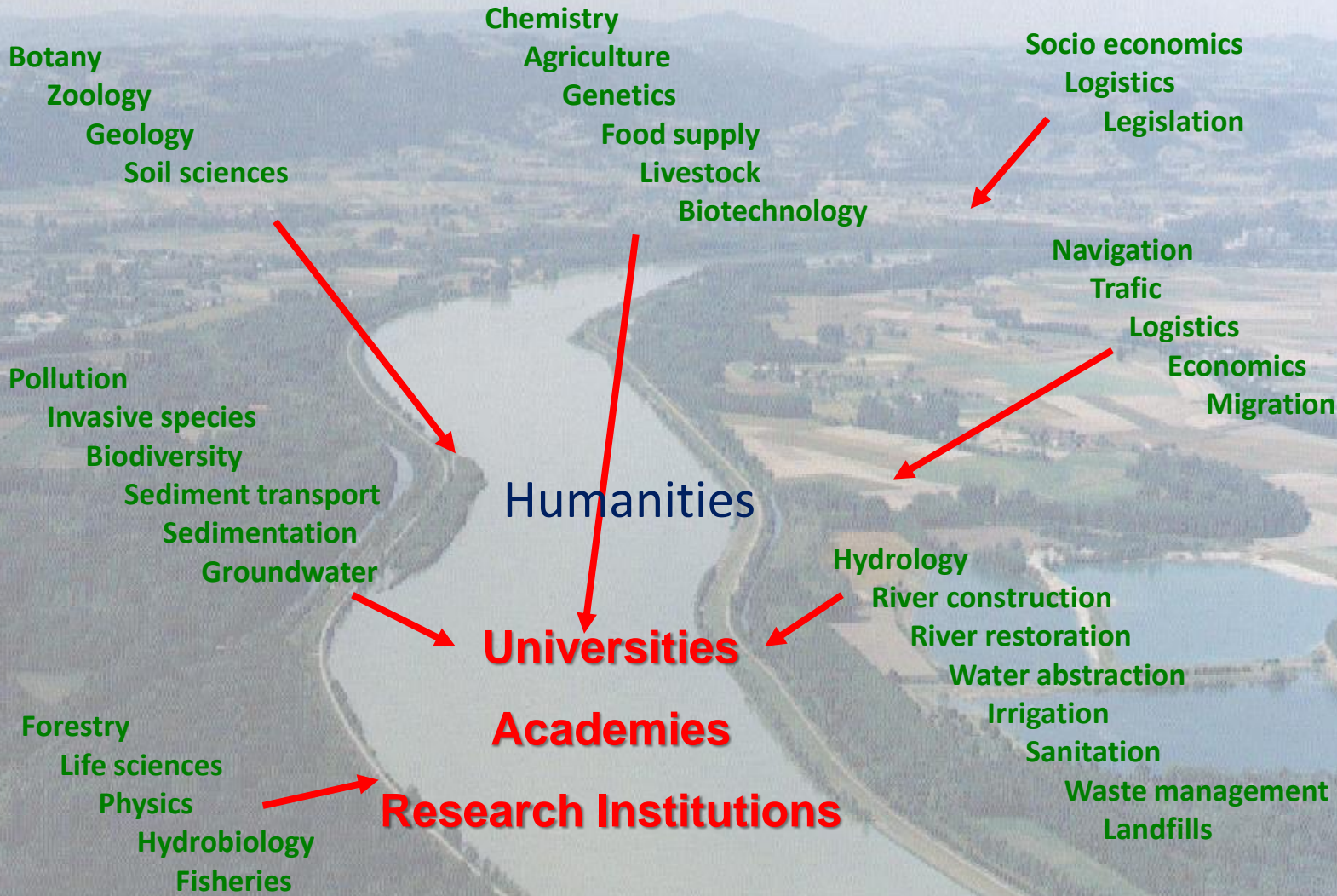
JRC + DAC + DRC + CASEE partners



R& D priority areas EUSDR:

- PA 01** - Mobility – Waterways
(coord. Austria & Romania)
- PA 02** - Energy (coord. Hungary
& Czech Republic)
- PA 04** - Water Quality
(coord. Hungary & Slovakia) ⁹
- PA 05** - Environmental Risks
(coord. Hungary & Romania)
- PA 06** - Biodiversity,
landscapes, quality of air and
soils (coord. Bavaria & Croatia)
- PA 07** - Knowledge society and
ICT (coord. Slovakia & Serbia)

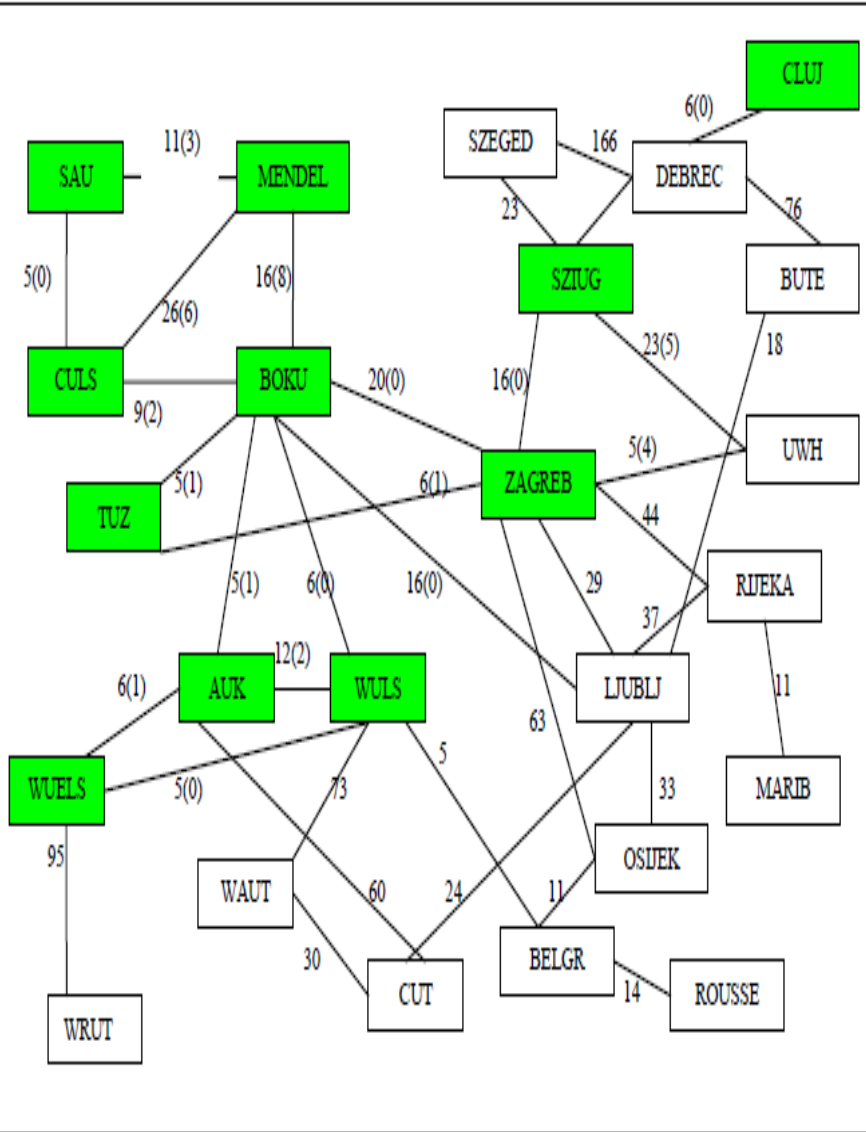




CASEE network in the Danube region

Arii prioritare de colaborare in Cercetare

SUBJECT AREAS	Specialized universities	General universities
Agricultural and biological sciences	10,720	6,087
Arts and humanities	23	639
Biochemistry, genetics	3,599	11,992
Business, management and accounting	59	1,312
Chemical engineering	883	7,998
Chemistry	2,023	18,200
Computer sciences	238	10,433
Decision sciences	67	1,216
Dentistry	3	244
Earth and planetary sciences	1,182	2,977
Economics, econometrics, finance	278	551
Energy	204	2,230
Engineering	904	28,456
Environmental sciences	3,034	4,018
Health professions	14	476
Immunology and microbiology	1,178	2,076
Material science	909	15,088
Mathematics	515	11,327
Medicine	1,545	8,228
Multidisciplinary approach	65	386
Neuroscience	179	1,644
Nursing	69	474
Pharmacology, toxicology	593	4,025
Physics and astronomy	587	23,128
Psychology	20	652
Social sciences	338	3,215
Veterinary	1,404	914



DRC members scientific publications

(Scopus, 2014)



1	Charles University Prague	60102	1
2	Universität Wien	59626	2
3	University of Zagreb	52076	3
4	Universität Ulm	37330	4
5	University of Belgrade	32526	5
6	Universität Regensburg	27413	6
7	University of Trieste	23370	7
8	Karl-Franzens Universität Graz	20786	8
9	EötvösLoránd University	19411	9
10	Comenius University	18322	10
11	Czech Technical University	18254	11
12	Masaryk University	18093	12
13	Technische Universität Graz	17289	13
14	Johannes Kepler Universität Linz	12139	14
15	"Babes-Bolyai" University	10781	15
16	Palacký University	10757	16
17	University of Maribor	10170	17
18	Semmelweis University of Medicine	9523	18
19	University of Novi Sad	9142	19
20	Universität für Bodenkultur Wien	8939	20
21	University of Pécs	6552	21
22	University of Nis	5587	22
23	Polytechnical University of Timisoara	5519	23
24	Czech University of Agriculture	4718	24
25	University of Split	4533	25
26	University of Craiova	3757	26
27	SzentIstvan University	3674	27
28	University of Leoben	3505	28
29	JosipJuraj Strossmayer University	3455	29
30	Transilvania University of Brasov	3120	30

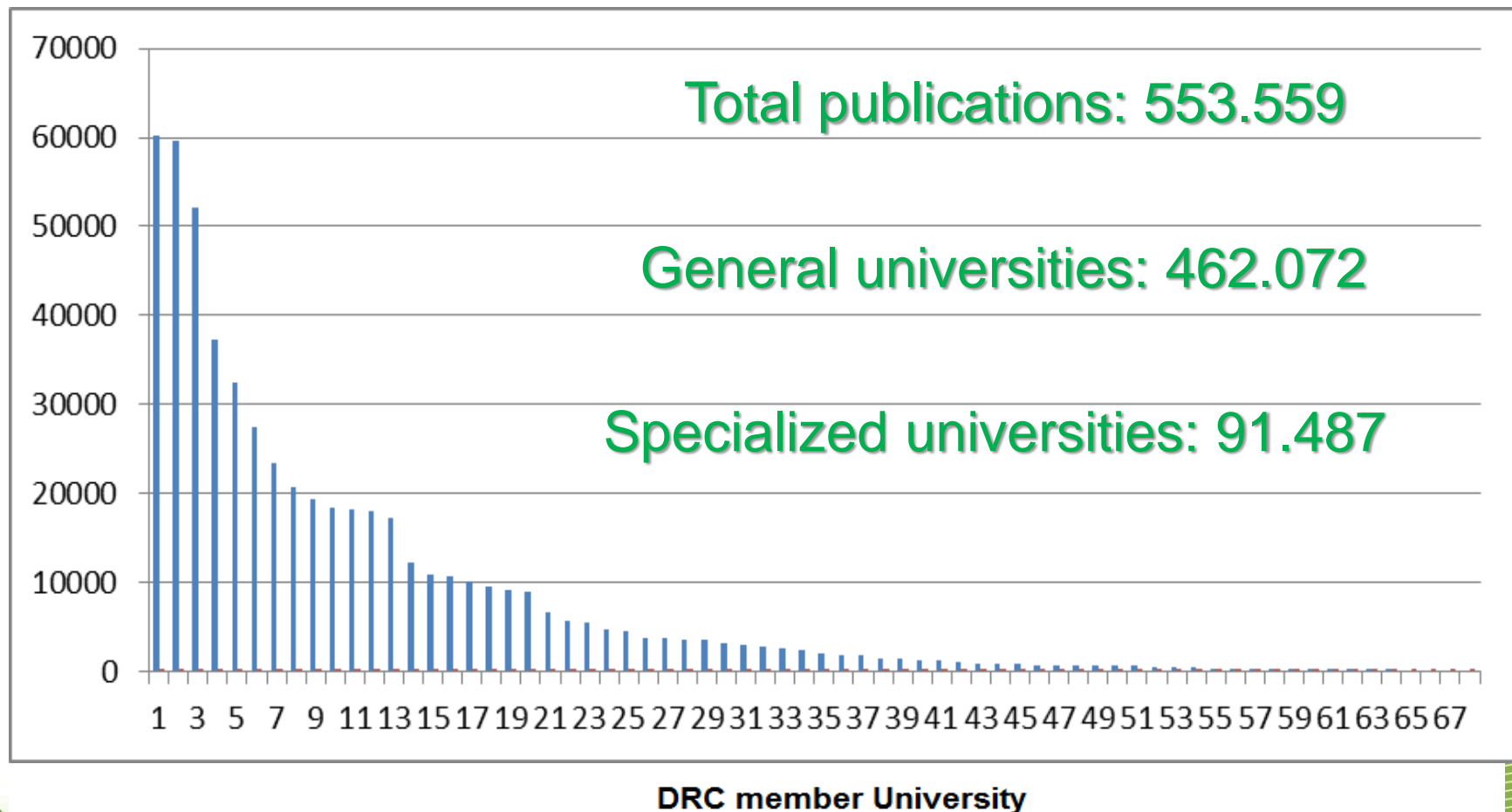
31	Universitea de Vest – Timisoara	2941	31
32	Tomas Bata University in Zlin	2725	32
33	University of Sarajevo	2601	33
34	Odessa National I.I. Mechnikov University	2481	34
35	Corvinus University of Budapest	1977	35
36	University of Oradea	1855	36
37	Free University of Bozen/Bolzano	1794	37
38	University of Nova Gorica	1448	38
39	University of Primorska	1401	39
40	Slovak Agricultural University in Nitra	1308	40
41	Center for Academic Development and Cooperation	1229	41
42	Katholische Universität Eichstätt	1109	42
43	University Stefan cel Mare Suceava	942	43
44	University of Pitești	906	44
45	USAMV Cluj-Napoca	840	45
46	Donauuniversität Krems	747	46
47	University of Prishtina	745	47
48	Constantine the Philosopher University Nitra	720	48
49	University of Tuzla	649	49
50	University of Rousee	600	50
51	Trnava University	561	51
52	University of Arad	533	52
53	USAMV Bucharest	508	53
54	University of Dubrovnik	397	54
55	University of Zadar	357	55
56	VasileGoldis Western University of Arad	355	56
57	University of Mostar	326	57
58	Banat USAMV "King Michael I of Romania", Timisoara	306	58
59	University of Prešov	303	59
60	University of Targu-Jiu	197	60
61	Alexander Dubček University of Trenčín	177	61
62	State agrarian University of Moldova	20	62
63	Andrássy Gyula Universität Budapest	8	63
64	University of Architecture and Urbanism Bucharest	4	64



DRC members scientific publications



SCOPUS (until V 2015)



DRC expectations: 2015-2016



- Support the development and implementation of the EU Strategy for the Danube region
- Strengthen research, innovation, education and University development in this region
- Develop joint research, educational and other projects (e.g. joint curricula, joint continuous educational offers, structural development, human resource development, QA, know-how-transfer, etc)
- **Make an inventory of relevant R&D data and collaborations potential of the DRC network**



DRC + DAC + CASEE + JRC partners for

Danube Common Data Platform and network accessible to decision-makers and other relevant stakeholders of the Danube Region

Related priority areas of the EUSDR:

- PA 01 - Mobility – Waterways (coordinated by Austria and Romania)
- PA 02 - Energy (coordinated by Hungary and the Czech Republic)
- PA 04 - Water Quality (coordinated by Hungary and Slovakia)
- PA 05 - Environmental Risks (coordinated by Hungary and Romania)
- PA 06 - Biodiversity, landscapes, quality of air and soils (coordinated by Bavaria and Croatia)
- PA 07 - Knowledge society and ICT (coordinated by Slovakia and Serbia)

Danube Strategy Progress Report

Brussels, 8.4.2013
COM(2013) 181 final



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EU Commissioner for Regional Development, Johannes Hahn:

“We have made a very good start. The Danube Strategy is already showing that by working together we can have a far greater impact than if we try to tackle problems in isolation. Now we need to step up a gear.”

“Ensure systematic embedding of the Strategy in EU, **national and regional programmes for 2014-2020**, e.g. European Structural and EN 10 EN Investment Funds, Horizon 2020, **using the expertise of Danube networks in programming and implementation**”

Informatii suplimentare

www.ica-europe.info/casee/

<http://www.drc-danube.org/>

<http://www.drc-danube.org/members/>

<http://www.usamvcluj.ro/DRC/>



Strategia Dunarii

http://ec.europa.eu/regional_policy/cooperate/danube/pdf/danube_implementation_report_en.pdf



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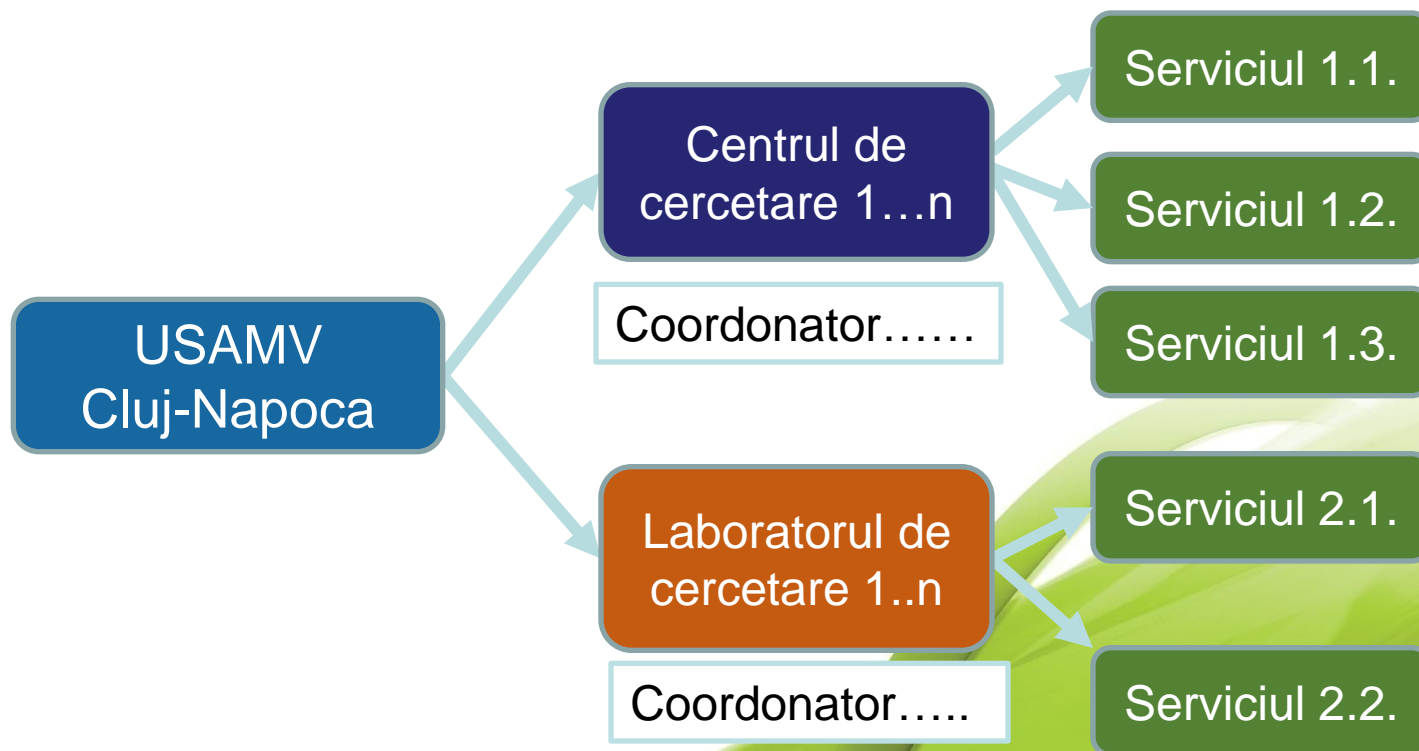
ERRIS:

1. USAMV Cluj-Napoca isi promoveaza serviciile prin: descriere infrastructuri cercetare (centre/lab), echipamente de cercetare (RI)
2. Utilizatorii-beneficiari: cauta si gasesc servicii relevante & contacteaza ofertantii

ASTEPTARI:

1. Promovarea centrelor/laboratoarelor de cercetare din RO – VIZIBILITATE NATIONALA & INTERNATIONALA
2. Formarea de rețele de cercetare pentru proiecte in parteneriat (NAT & INTN)
3. Promovarea serviciilor catre mediul economic: formarea de conexiuni reale, prin servicii oferitate sau colaborari (cercetare aplicata)

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Engage in the Romanian Research Infrastructures System
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- Echipe (centre si laboratoare) de cercetare
- Lista de echipamente si caracteristici tehnice
- Serviciile oferite



UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE OF CLUJ-NAPOCA

UNIVERSITATEA DE ȘTIINȚE AGRICOLE ȘI MEDICINA VETERINARĂ CLUJ-NAPOCA

The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca is the successor of the prestigious Higher School of Agriculture of Cluj, founded 145 years ago, in October 1869, under the name of Institute of Agronomic Studies, Cluj-Manastur. In 1906, the Institute reached the Academy level, becoming the Academy of Agriculture of Cluj. The university supports the permanent improvement of the educational process by continuously adapting its specialization subjects, by reviewing the curricula and the study programmes according to the national and international development standards and perspectives regarding the targeted fields. By master's, PhD, postgraduate studies, specialization by means of continuing professional training of the specialists and farmers' qualification, by improving the skills of the pre-university teaching staff and of the main academic teaching staff, the university defines itself as an active member of the lifelong formation and of the professional reorientation of the human resources. The International Relations represent a key factor of the institutional activity of a modern university. The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca holds a long tradition regarding the international cooperation, regarding both educationally and scientifically. The collaborations within the Erasmus. Erasmus Mudus.



