

UNIVERSITY EDUCATION FOR SD (EAST REGION)

Jana Dlouhá

COPERNICUS Alliance Conference

October 3, 2014

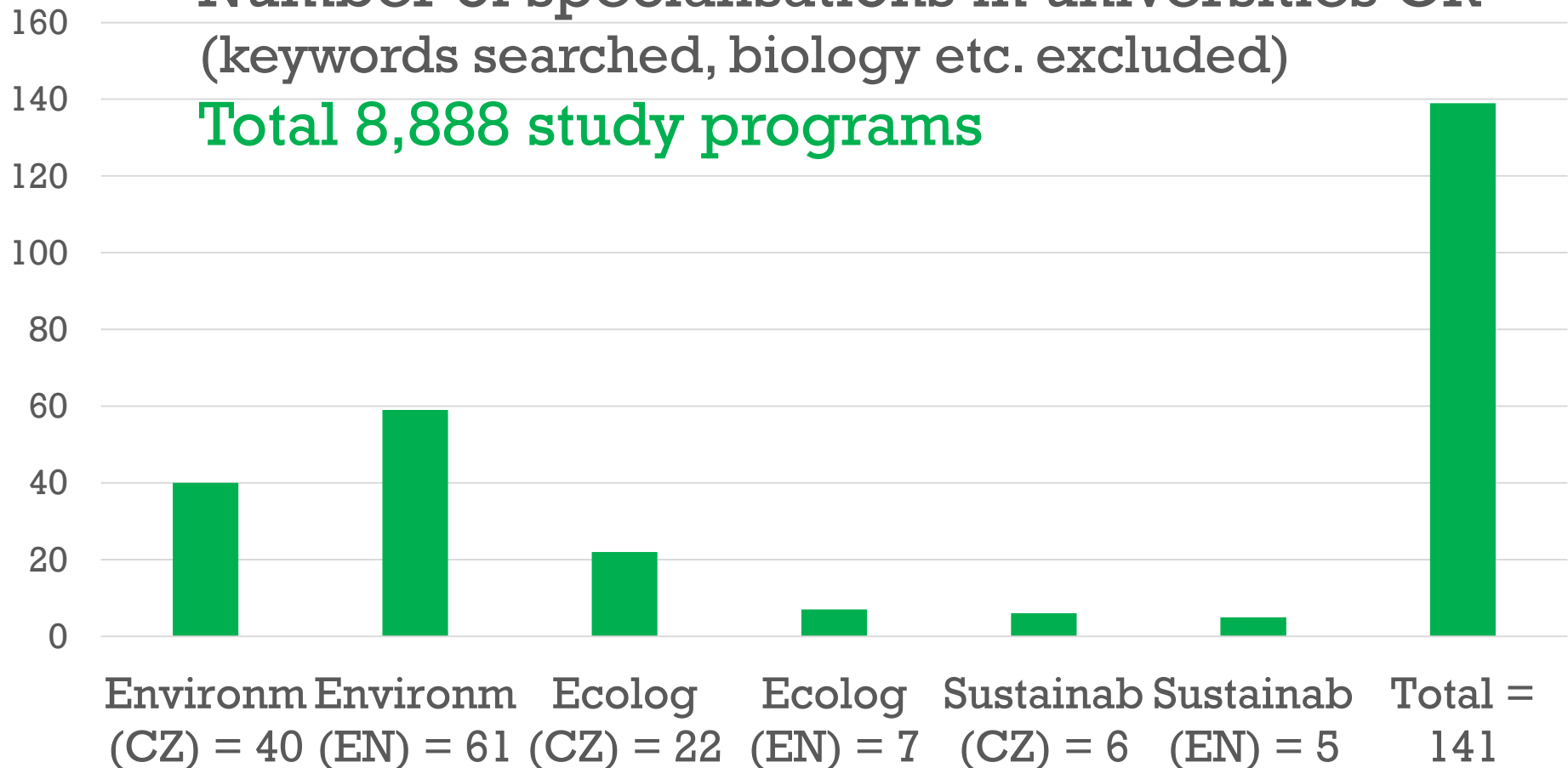


UNIVERSITY EDUCATORS
FOR SUSTAINABLE DEVELOPMENT

“SUSTAINABILITY” IN THE CZECH HIGHER EDUCATION INSTITUTIONS

Number of specialisations in universities CR
(keywords searched, biology etc. excluded)

Total 8,888 study programs



CHARLES UNIVERSITY ENVIRONMENT CENTER

en | cz



Environment Center
Charles University
in Prague



Výzkum chování a poptávky spotřebitelů v oblasti spotřeby energie, dopravních služeb, pitné vody, biopotravin nebo jiných environmentálně relevantních statků. Analýza přijatelnosti politik a jejich... [Read more...](#)

Environmental security

Evaluation of impacts of regulation

Indicators of environmental sustainability

Valuation of non-market goods

Socio-economic metabolism

Consumer behavior and demand

Education for sustainability

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News

The Charles University Environment Center becomes a university institute

The Center was originally established as a small unit whose goal was inspirational, initiating and coordinating activities in pedagogic and research processes in the environmental field at Charles University. After more than 20 years the Center grew into an extensive team with more than 20 employees concentrated in three different departments. Its current status no longer corresponded to the wide range of activities it engages in, either in the research field or in fulfilling study programmes, and it was for this reason that an organisational change to a university institute was made.

Recent publications

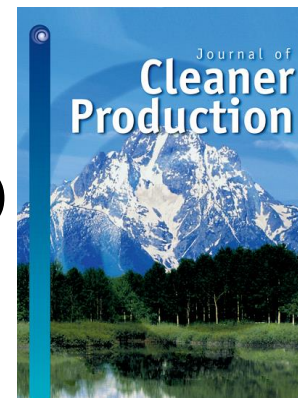
ECOLOGICAL FOOTPRINT OF NATIONS

Weinzettel J., Steen-Olsen K., Hertwich E.G., Borucke M., Galli A. (2014) Ecological footprint of...

HEALTH BENEFITS OF THE LOW EMISSION ZONE INTRODUCTION IN PRAGUE CITY CENTRE

CUEC – ENVIRONMENTAL EDUCATION DEPARTMENT






- Interdisciplinary Centre supporting communication of academic and other actors – since 1992
- Forum for University Teachers – 1995
- Innovative practices in HE for SD – 2002
- Competences for SD – 2009
 - articles Envigogika
- innovative methods in teaching (international courses)
 - VCSE (2008-2011)
 - MOSUR (2011-2014)
 - UE4SD (2013-2016)

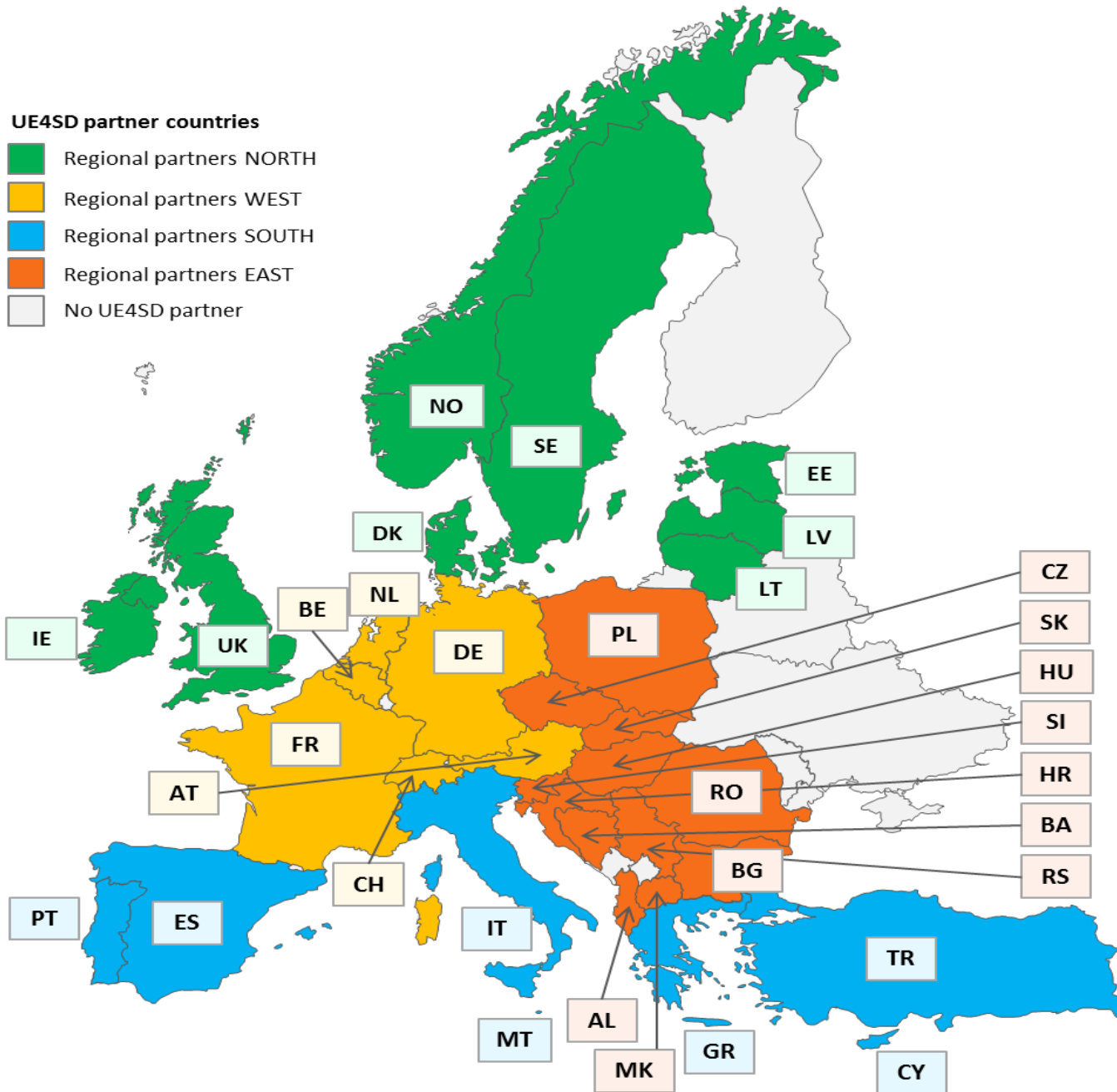




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UE4SD partner countries

-  Regional partners NORTH
-  Regional partners WEST
-  Regional partners SOUTH
-  Regional partners EAST
-  No UE4SD partner



UE4SD regions & partners

East Europe:
12 countries,
15 partners



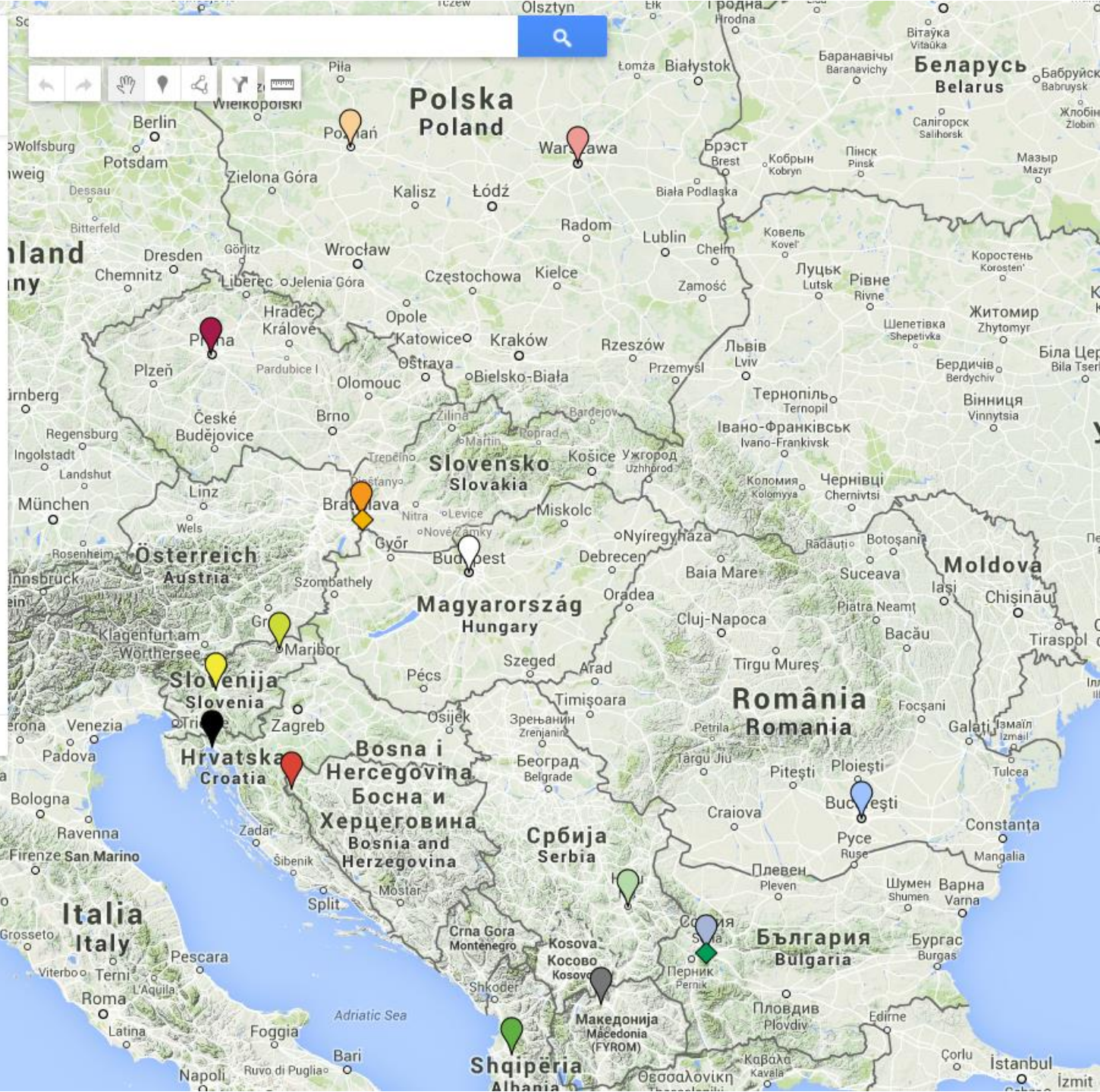
UE4SD East

Пřidat vrstvu

Universities

- Styl
- Data
- Štítky
- University of Bihać
- Charles University Prague
- University of Architecture, Civil Engineering and Transport Sciences
- University of Forestry
- University of Rijeka
- Eotvos Loránd University
- Ss. Cyril and Methodius University
- Adam Mickiewicz University
- University of Warsaw
- University of Bucharest
- University of Niš
- Slovak University of Technology
- Comenian University of Bratislava
- University of Ljubljana
- University of Maribor
- University of Tirana

Podkladová mapa



East Europe Regional Report



Regional Mapping results - Google Chrome

www.ue4sd.eu/outcomes/84-regional-mapping-results

HOME PROJECT PARTNERS PROJECT EVENTS **OUTCOMES** COOPERATION CONTACTS IMAGE GALLERIES

You are here: [Home](#) ▶ [Outcomes](#) ▶ Regional Mapping results

Regional Mapping results

Below you will find links to the mapping reports for three of the four UE4SD regional hubs. The fourth report will be published here as soon as it becomes available. These reports represent the main outputs of the first phase of the project which involved each country completing a mapping template to capture the status of ESD within Higher Education at the national level as well as to identify existing ESD professional development opportunities for university educators. All four regional reports have been collated and aggregated for an overall State of Art Report on opportunities for university educators to develop their competences in ESD. This final Report will be made available to all partners and the general public at the annual UE4SD Conference to be held in Prague on 2 October 2014 and will be subsequently published on these web pages.

Full regional reports for download (in pdf):

- [East](#)
- [North](#)
- [South \(currently not available, but will be published here before the end of September 2014\)](#)
- [West](#)

Project Calendar

« < October 2014 > »						
M	T	W	T	F	S	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

Latest Events

Wed Oct 01 @ 8:00AM -

[Steering Group Meeting](#)

Thu Oct 02 @ 8:00AM -

06:00PM

Good practices in ESD implementation

**LESSONS
LEARNED**

**East
Europe
Region**



POLICY RELEVANCE

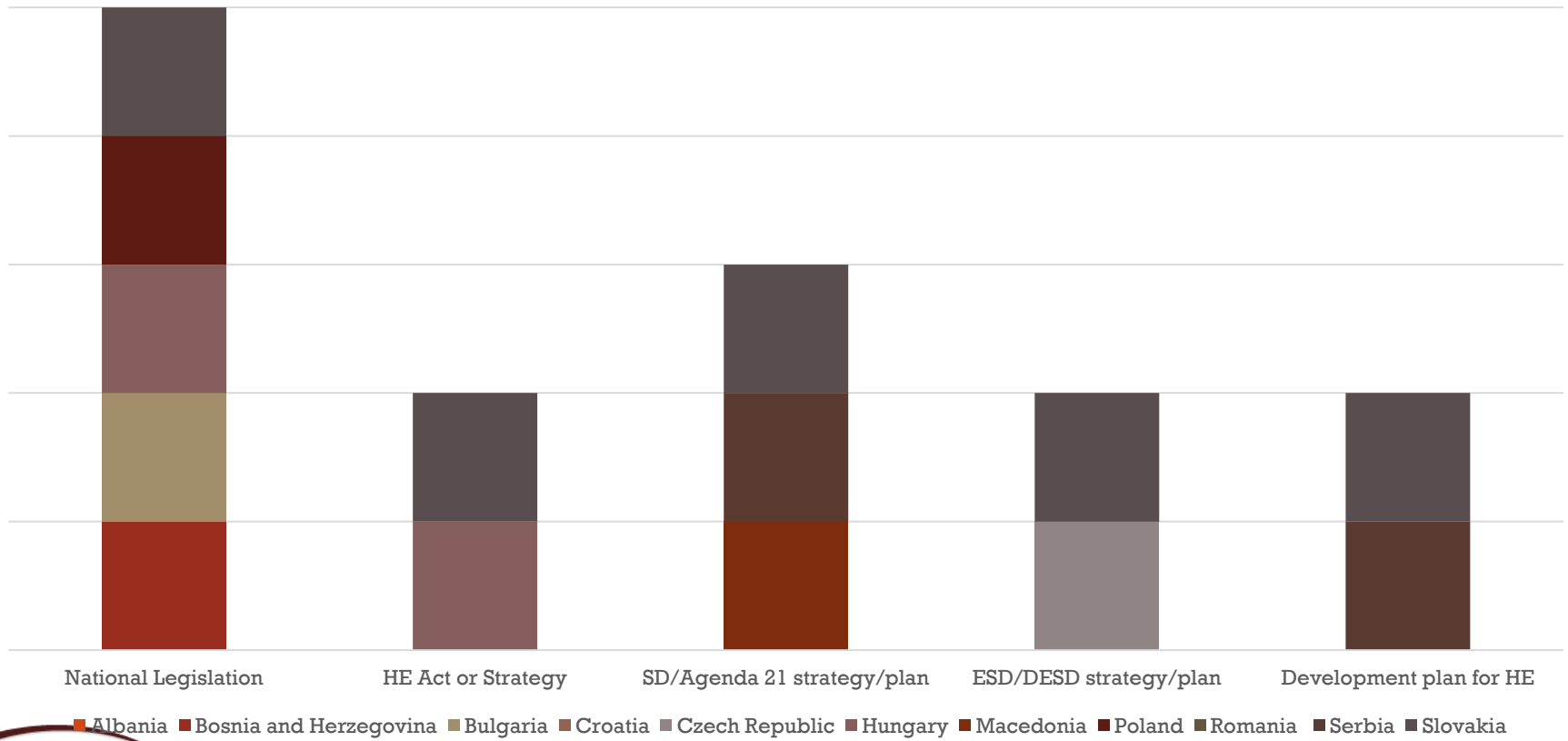


Lack of support for the SD concept itself

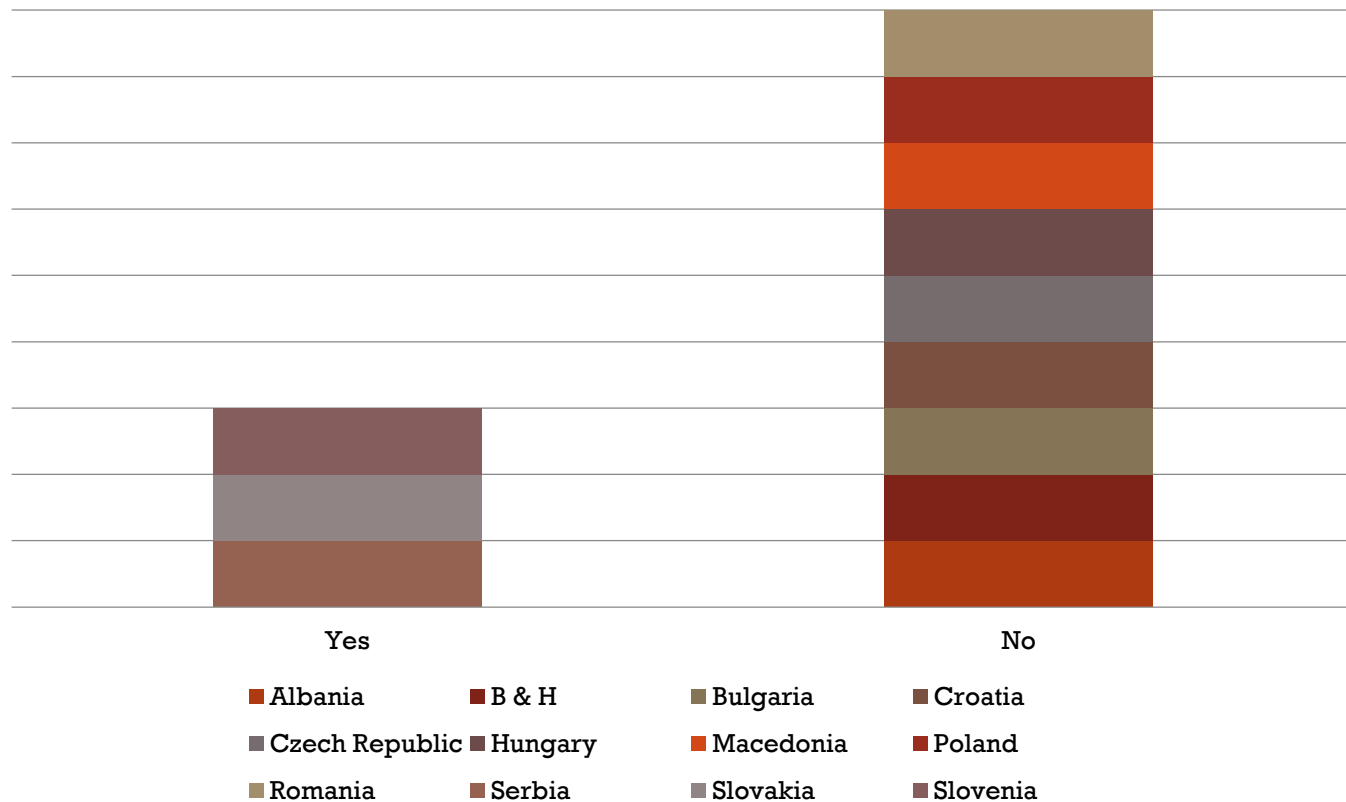
- \pm related international strategies (Agenda 21, UNESCO ESD Decade, UNECE ESD Strategy)
 - theoretical proposals for well-balanced competences in all domains (Slovakia 2, 3)
- ESD reorientation \leftarrow modernization of educational systems (Albania, Croatia, Macedonia)
- strategic document that would provide a formal framework for ESD needed (Slovenia)
- sometimes fail to have any practical follow-up
 - bottom-up initiatives needed for implementation



3. ESD IN HE NATIONAL POLICY AND LEGISLATION



5. REFERENCES TO ESD PROFESSIONAL DEVELOPMENT IN NATIONAL STRATEGIES



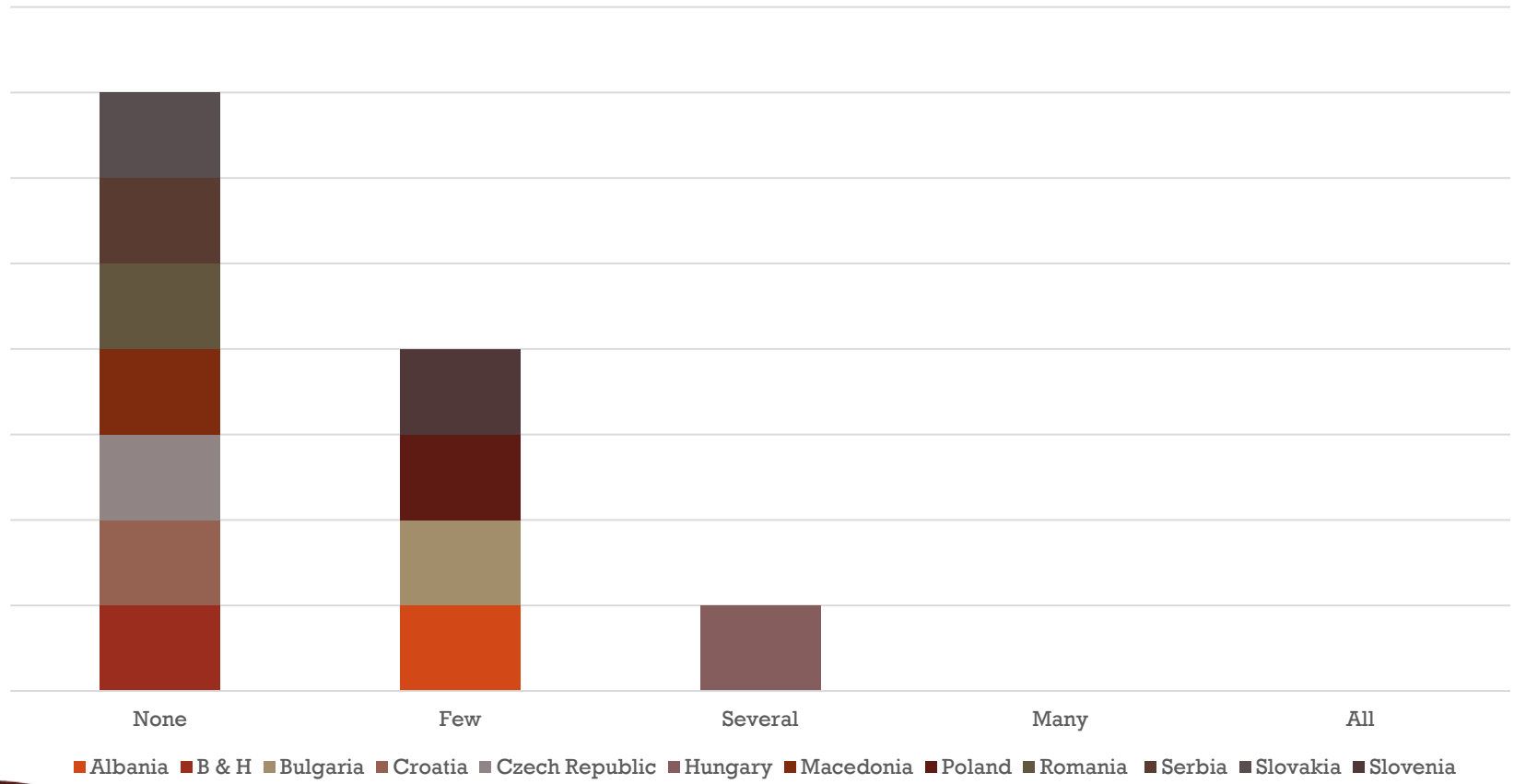
INSTITUTIONAL FRAMEWORK



- HE still in the process of transformation (& history)
 - autonomy of HEIs not restricted by educational professional requirements
- no *system* for professional development of university educators in which ESD competences could be consequently embedded (all countries)
- no *pedagogical* requirements in HE
 - emerging UE professional development programs (Romania, Croatia)
- unstable political environment (turbulences)



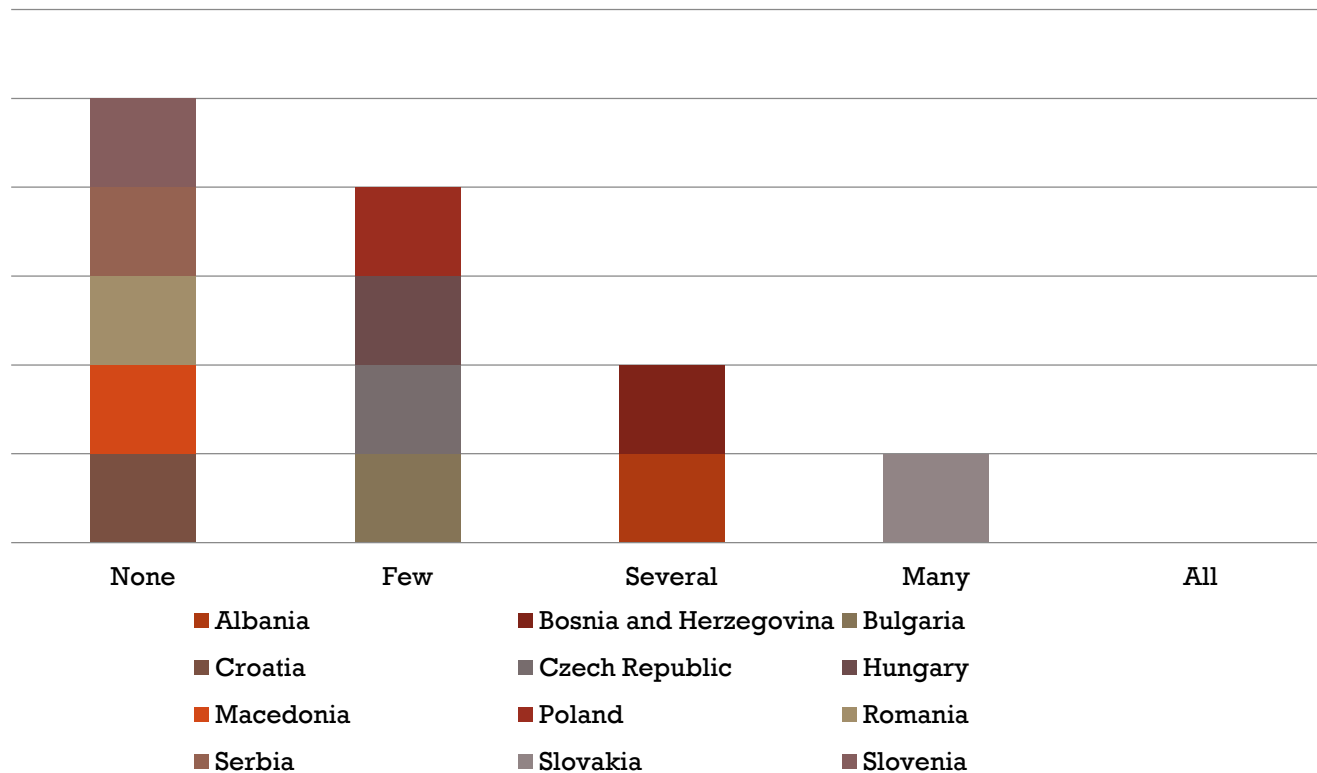
7. HEIS' STRATEGIC PLANS AND GUIDELINES THAT PROMOTE ESD





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8. HE INSTITUTIONS SUPPORTING PROFESSIONAL DEVELOPMENT IN ESD



9. ESD IN QUALITY ASSURANCE AND ACCREDITATION PROCESSES

0 – in none of the countries

- ! adequacy of HEI & the quality of the study programme (Slovenia)
- general recommendations in place (Bulgaria)
- courses on SD in specific programs (Slovakia)



PEDAGOGY

systemic program for professional development – 0

- SD oriented programs → holistic thinking
- missing: transdisciplinary, creative, future oriented thinking
- new perspectives on ESD HE teaching/learning methodology (Slovakia, CR)
 - difficult to distinguish a SD and ESD competence focus
 - legacy in the production of teaching resources (Albania, Slovakia),
 - and/or research articles (Bulgaria, CR)
- other innovative approaches in education ←

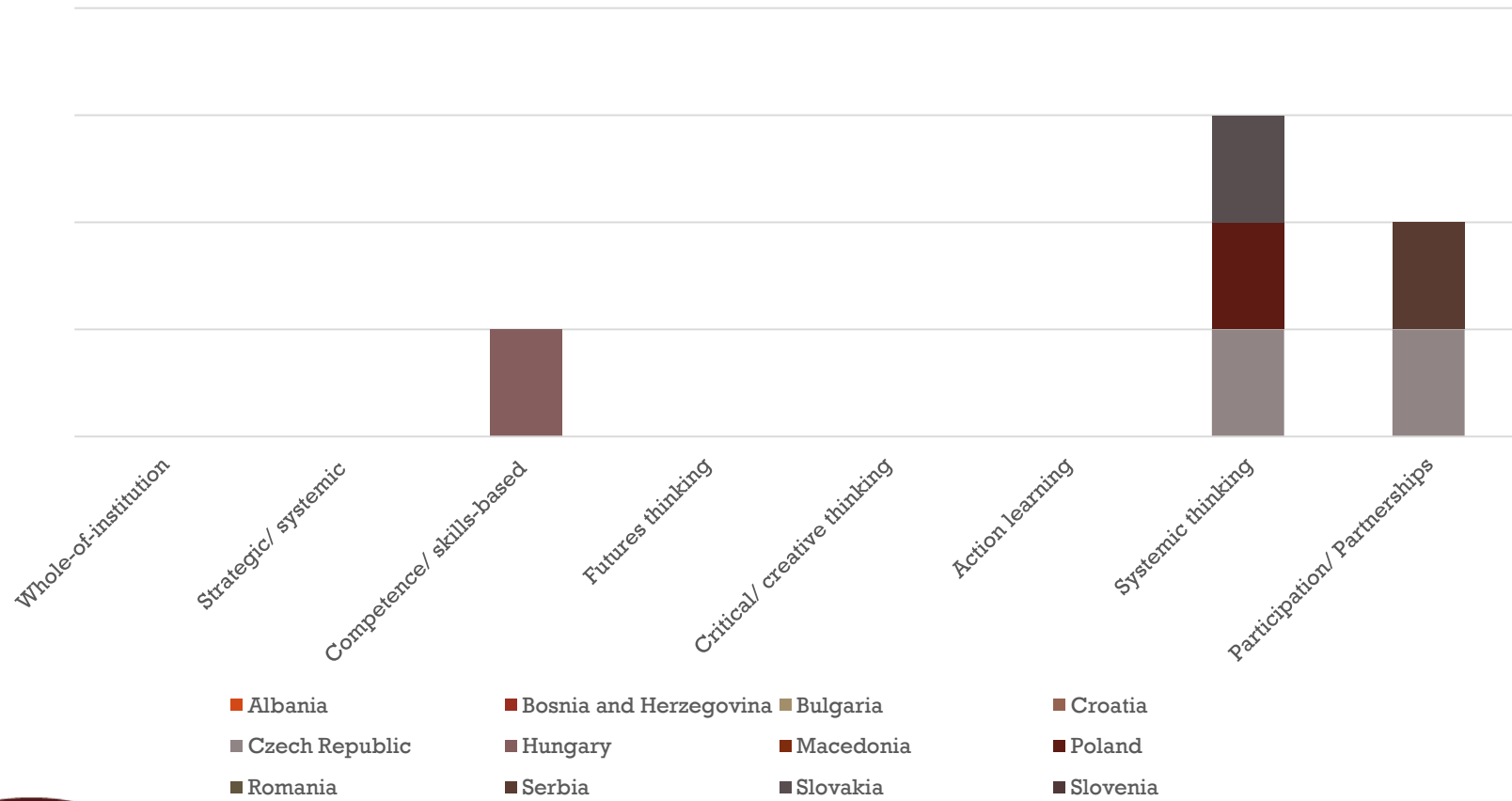
opportunity





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4. ESD APPROACHES AND PRINCIPLES



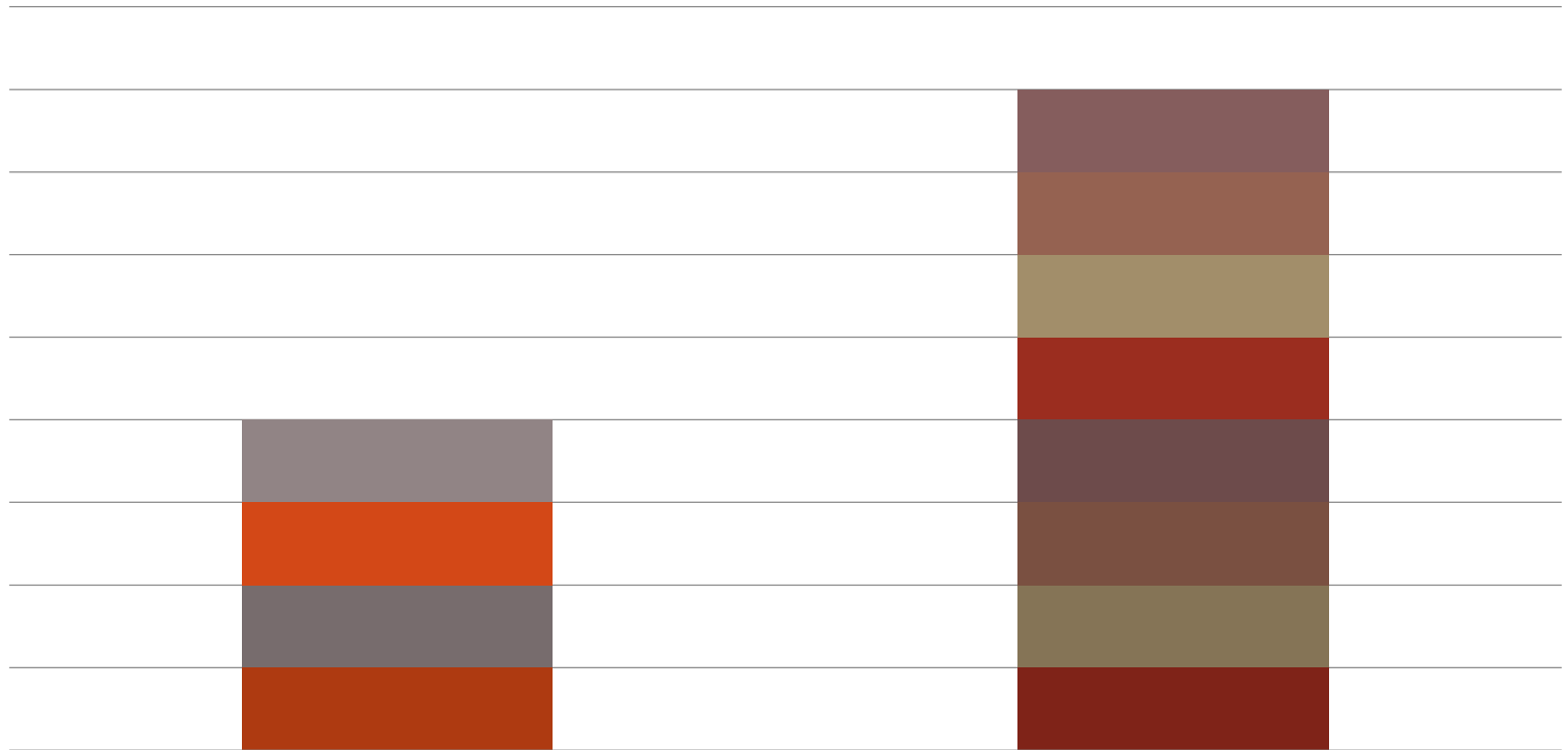
LEADERSHIP & COMMITMENT



- main driving force for innovation
- initiatives are often policy driven
 - transformation driven by regulations, norms and control mechanisms
- bottom-up processes
 - first steps in negotiating ESD as a policy and curricular priority at the university level
 - non-systemic initiatives



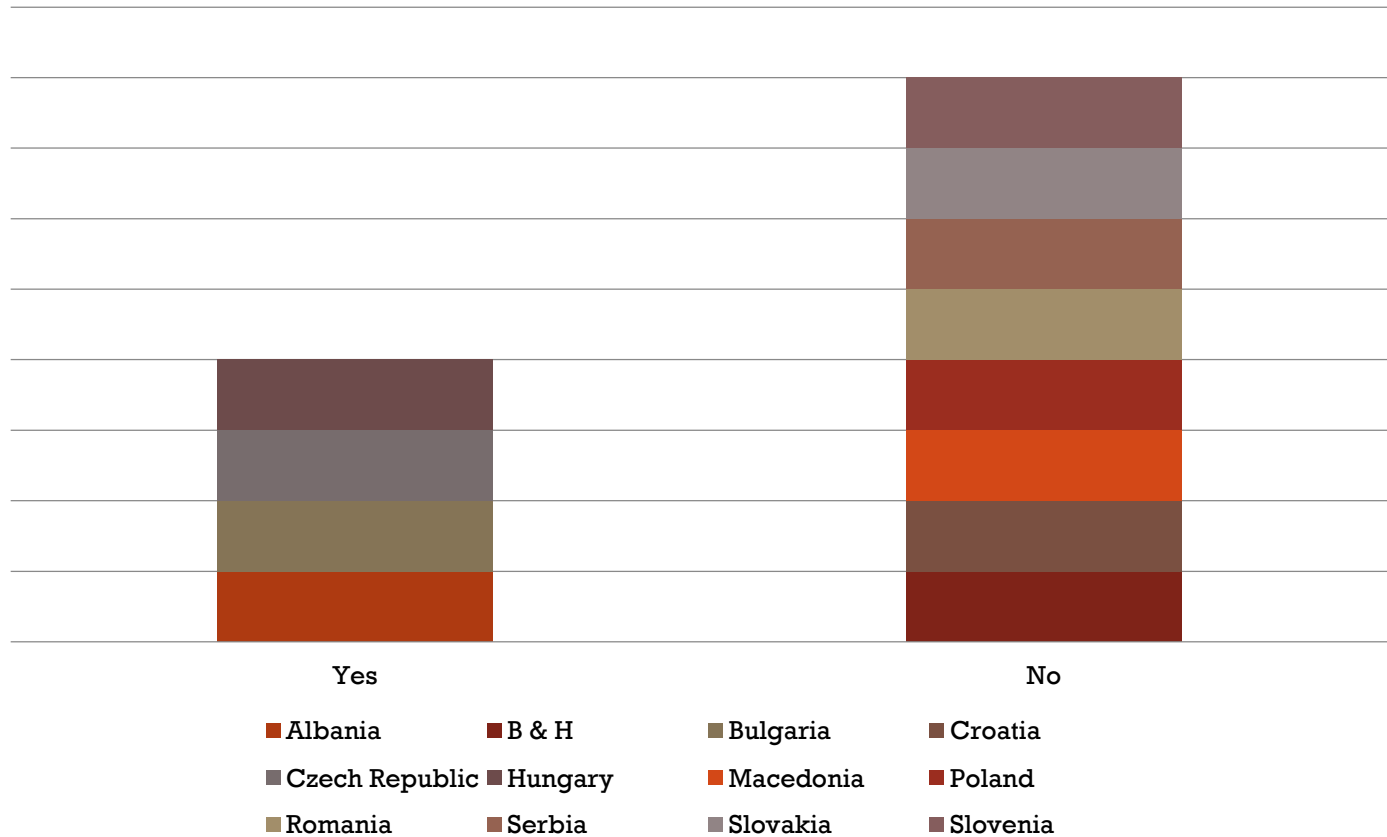
6. EXISTENCE OF THE NATIONAL INITIATIVES ON ESD



- Albania
- B & H
- Bulgaria
- Croatia
- Czech Republic
- Hungary
- Macedonia
- Poland
- Romania
- Serbia
- Slovakia
- Slovenia



11. HE INITIATIVES OR PROJECTS ← UNECE ESD COMPETENCES



TRANSDISCIPLINARITY VERSUS HOLISTIC



- *sustainable development* oriented curricular challenge
 - holistic → SD **themes** for awareness raising (Poland)
 - transdisciplinary **activities** with SD focus (Poland, Romania, ...)
- communication in interdisciplinary network ← methodological aspects highlighted (understanding between disciplines: Bulgaria 1)

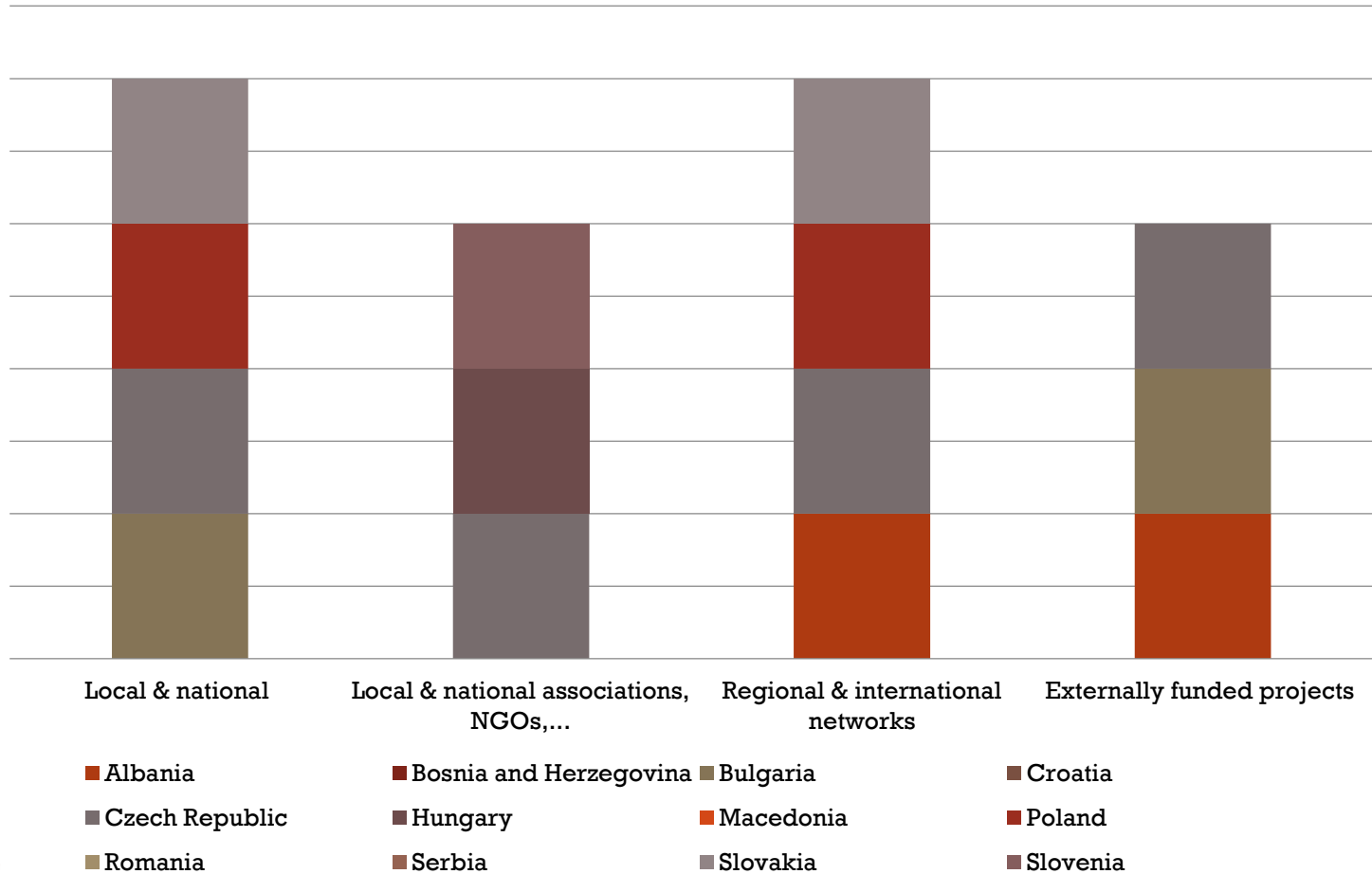


STAKEHOLDER COOPERATION & NETWORKS

- most common initiatives: workshops, meetings, seminars
 - national dialogue between academics and policymakers (Serbia, Slovakia)
 - communication channels for community building (Bulgaria, CR)
- competences → by product of the dialogue
- international cooperation (incl. funding opportunities)



10. HE NETWORKS, PARTNERSHIPS & MAIN DRIVERS SUPPORTING THE ESD PROFESSIONAL DEVELOPMENT



ACTION DIMENSION & SOCIAL LEARNING

- need for practical solutions in complex situations → need for competences (Albania 2, B&H, Hungary, Slovakia 1)
 - practically oriented SD activities (Slovenia, Hungary)
 - university management initiative → social learning processes (Slovenia)
- change in behaviours & everyday practices (Hungary 1, Slovenia 1)
 - *learning to do* and *learning to be* domains



RESEARCH AND REFLECTION

- evidence needed
 - gap in research → misunderstanding of ESD and its role in society (Albania 1)
- driving force for innovation
 - action research & academic outputs (Slovenia 1)



CRITICAL FACTORS OF ESD TRANSITION

- multi-, inter-, trans-disciplinarity; holistic perspective
- institutional framework, policy and funding
- leadership and commitment (bottom-up)
- stakeholder engagement and networking
- new pedagogical methods and approaches
- action dimension and practical outcomes
- reflection and research



WHAT IS LACKING

- understanding of (E)SD
- strategic dimension missing
- transformation of the traditional educational system
- holistic, transdisciplinary and transformative education missing
- recognition of HE pedagogy (policies and documents)
- institutional framework and funding



HE IN CEE: 3 PERIODS OF TRANSITION

Liberalisation and decentralisation (1990-1993)

- Academic self-governance
- Academic freedoms
- Autonomy → “former vitality” of universities

Challenges of systemic transition (1994-1999)

- Growing numbers of students
- Quality-issue turn
- Lack of financial resources

Change in degree structure and quality assurance

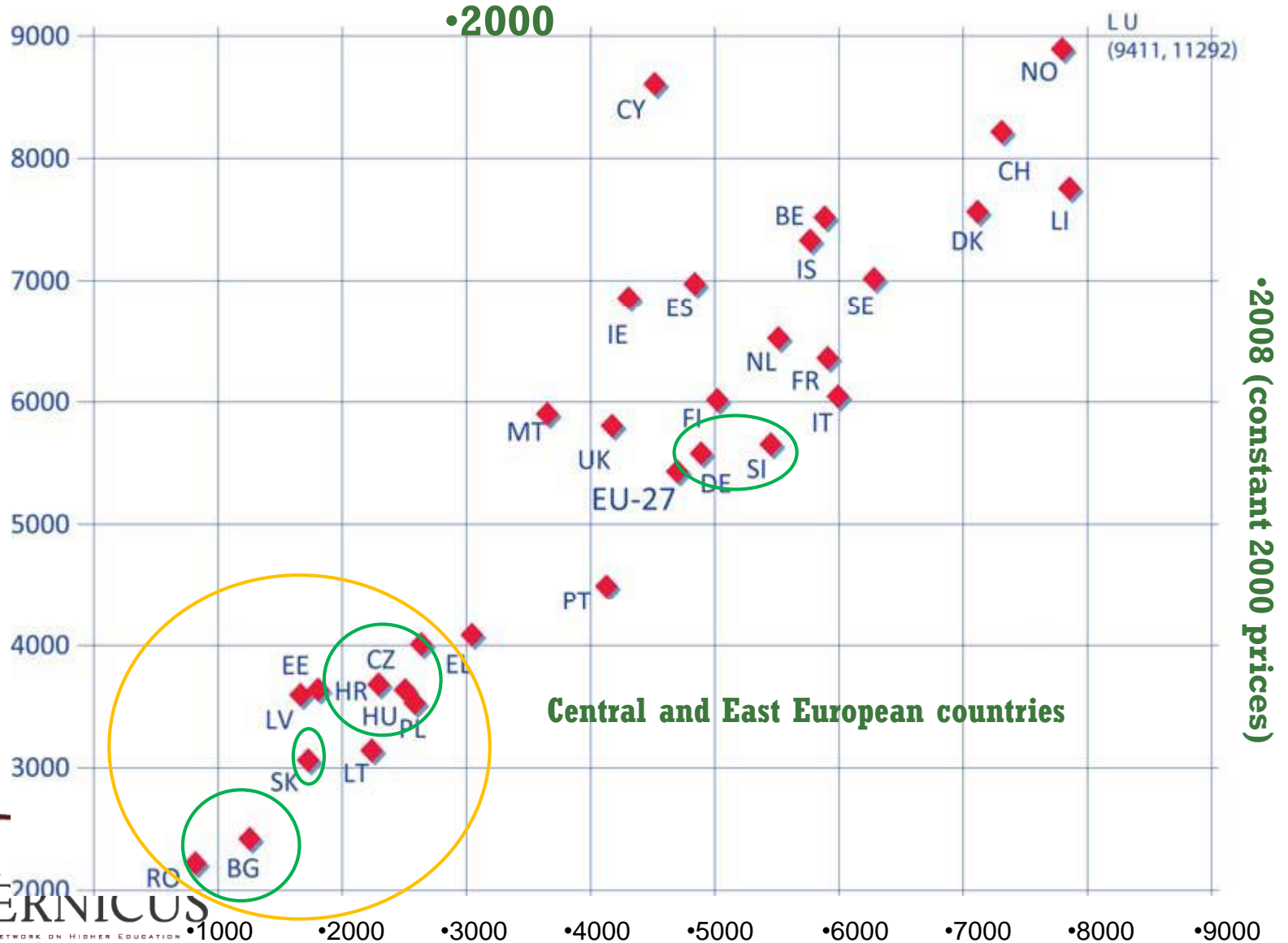
- Comparability with EU/West
- Emerging pragmatism – competitiveness



ANNUAL EXPENDITURE ON ED. INSTITUTIONS (ISCED 0-6) BY PUPIL/STUDENT



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WAY FORWARD

- Networks and social learning
- Support of leadership
- Communication (top-down & bottom-up)
- Search for (practical) impact and reflection
 - opportunities for social learning (Slovenia)
- Systemic measures
 - **emerging HE professional development programmes** → opportunity focus on ESD competences (Romania, Croatia)



THANK YOU!



Jana Dlouhá, jana.dlouha@czp.cuni.cz

Charles University in Prague cuni.cz, [Wikipedia](#)

Charles University Environment
Centre czp.cuni.cz



- [Department of ESD](#)

Envigogika journal envigogika.cuni.cz

