



„Business driven problem-based learning for academic excellence in geoinformatics” - GEOBIZ project

Medžida Mulić & Emi na Hadžić

Webinar - Inter-project coaching meeting / 23.09.2020.

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Strengthening of master curricula in water resources
management for the Western Balkans HEIs and stakeholders

Project number: 597888-EPP-1-2018-1-RS-EPPKA2-CBHE-JP



Basic Info

Contract number	610225-EPP-1-2019-1-HR-EPPKA2-CBHE-JP
Project acronym	GEOBIZ
Project name	Business driven problem-based learning for academic excellence in geoinformatics
Project duration	15 th November 2019 - 15 th November 2022
Programme	ERASMUS+ / Cooperation for innovation and the exchange of good/ Capacity Building in higher education practices / Joint Projects
Call for Proposals	EAC-A03-2018
Coordinator	University of Zagreb, Croatia www.geobiz.eu info@geobiz.eu

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Program countries

P1	GEOF	University of Zagreb
P2	KU Leuven	Katholieke Universiteit Leuven
P3	UNIST	University of Split
P4	HSBO	Bochum University of Applied Sciences
P5	UNIBG	University of Beograd
P6	UNS	University of Novi Sad
P7	GILAB	Gilab d.o.o.



Partner countries

P8	PUT	Polytechnical University of Tirana
P9	UT	University of Tirana
P10	L&C	Land & co
P11	UNIBL	University of Banja Luka
P12	UNSA	University of Sarajevo
P13	GAUSS	Gauss d.o.o.
P14	UPHP	University of Pristina
P15	UBT	University for Business and Technology
P16	TUM	Technical University of Moldavia
P17	UST	State University of Tiraspol
P18	UCG	University of Montenegro

Associated partners

P19	FGU	Federal Administration for Geodetic and Real Property Affairs of FBiH
P20	REA	Real estate administration of Montenegro
P21	ALRC	Agency for Land Relations and Cadastre of the Republic of Moldova
P22	ASIG	State Authority for Geospatial Information
P23	KCA	Kosovo Cadastre A

Subcontractor:
Novogit AB, Sweden

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Geoinformatics ecosystem

Geo-spatial data are:

- Driver of today's information society
- Collected by various sensors: smart phones, satellites, ...
- used for an increasing number of scientific/practical purposes
- Make it fit for specific use

Advanced technologies supporting these processes are the core of geoinformatics

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Geoinformatics ecosystem 2

Consists of three main stakeholder groups

- **educators**
- **developer of the ecosystem**
- **very broad spectrum of users.**

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Ecosystem challenge

In developed countries stakeholder groups capacity and contribution to ecosystem are:

- in balance supporting each other,
- BUT in less developed countries this balance does not exist.
- The geoinformatics business sector follows technology development while academic sector has issue with the changes and is lagging.
 - Result: academic sector does not produce adequate professionals with necessary knowledge and skills ready for immediate inclusion in business sector, or they do not contribute to the amount and level they should do.
 - Adding to this, already a cute lack of ICT educated professionals, we are facing situation which has consequences on User Uptake now, and will have more severe consequences in future.

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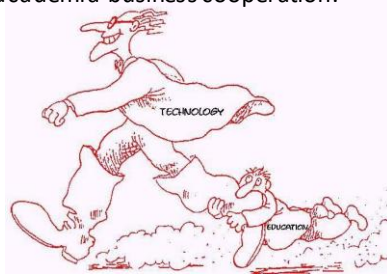
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Motivation

Introduce study programs that are in practical part:

1. related to case-based problems of business sector.
2. conducted and established on academia-business cooperation.



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Project target groups

- Major target groups:
 - HEI students educated in geoinformatics (and related) study programmes and course,
 - HEI teachers teaching geoinformatics (and related) courses,
 - geoinformatics business sector companies,
- and three secondary target groups:
 - professionals in field of geoinformatics, geodesy, ICT and related disciplines,
 - HEI's providing study in field of geoinformatics (and related) disciplines and
 - governmental authorities, public administration and agencies.

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Project objectives

Strengthening the capacity of academic institutions to be able to respond on needs of the GI industry:

1. Establishing new and innovative forms of business-academia cooperation to:
 - Support interaction in teaching/learning processes
 - Business-academia platforms supporting excellence in geoinformatics.
2. Develop innovative teacher training programs:
 - Practical teaching/learning methodologies
 - Content for technology-based courses in geoinformatics leaned on business-driven needs and experience.
3. Implement state-of-the-art techniques in geoinformatics teaching process.

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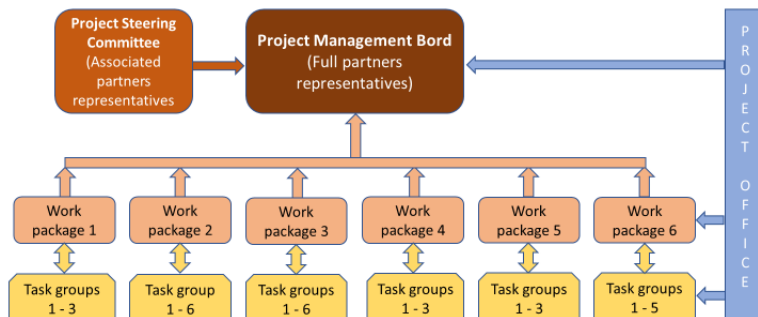


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GEOBIZ management organigram



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Project work packages



- WP1 – Analysis of present business-academia ecosystem (Preparation)
- WP2 – Model, courses, knowledge & pre conditions development (Development)
- WP3 – Cooperation & courses development (Development)
- WP4 – Quality control & evaluation (Quality Plan)
- WP5 – Dissemination & exploitation of project (Dissemination & Exploitation)
- WP6 – Project management and sustainability (Management)

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Results...



- Insight in current status of business-academia cooperation, SURVAY REPORT
- Set of business-driven problem-based practical cases in field of technologically advanced application areas stored in developed repository
- Business-academia cooperation platform designed and established
- Designed practical parts of GI courses loaded in Book of Knowledge
- Designed set of LLL courses in field of GI and related fields
- Number of designed courses implemented in partner HEI's curriculum and LLL courses piloted/lectured to students and professionals.
- Inclusion of partner countries business and academic entities in international (European) geoinformatics activities
- Sustainability Plan which will guarantee the continuation of launched activities

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GEOBIZ progress

- November 15th 2019 started
- February 4th, 2020 Kick off meeting (Zagreb)
- May 2020 (online) 1st Project Progress Meeting (Novi Sad)
- September 2020 (online) 2nd Project Progress Meeting (Zagreb)
-
- There is lot of work to be done...



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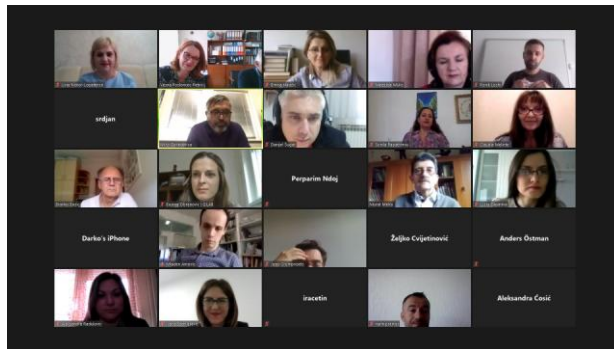
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1st progress meeting (Novi Sad)



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To find out more, please visit

Web site: <http://geobiz.eu>

<https://www.facebook.com/geobizproject>

<https://twitter.com/GEOBIZproject>

<https://www.researchgate.net/project/GEOBIZ-Project-ERASMUS-CA2-Community-Building-in-Higer-Education>

newsletter#1

newsletter#2

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Thanks for your attention!



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