

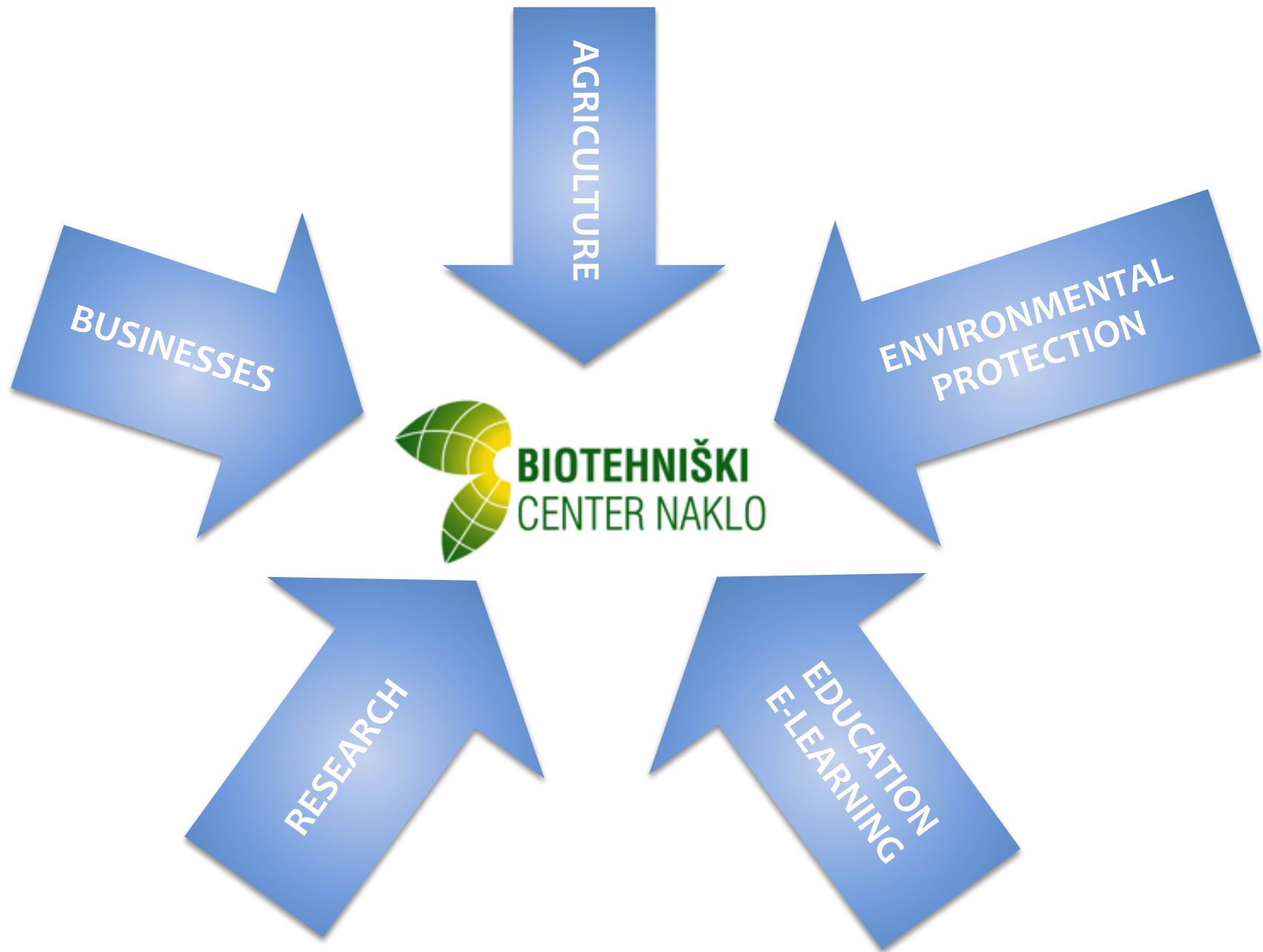


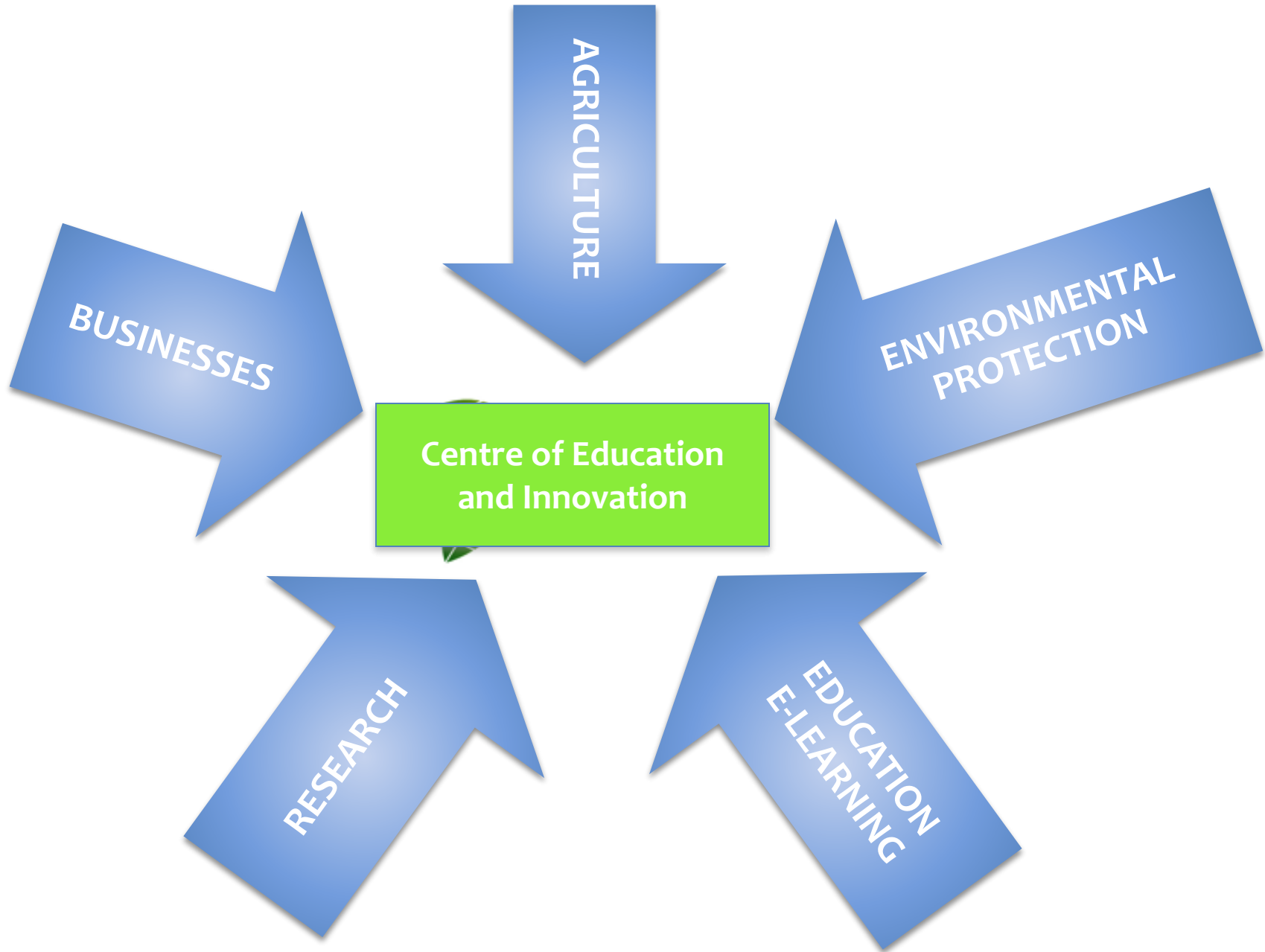
DR. MARIJA GREGORI

Research Unit BC Naklo

- Operates within the Higher Vocational college
- 22 researchers
- since 2010







AGRICULTURE

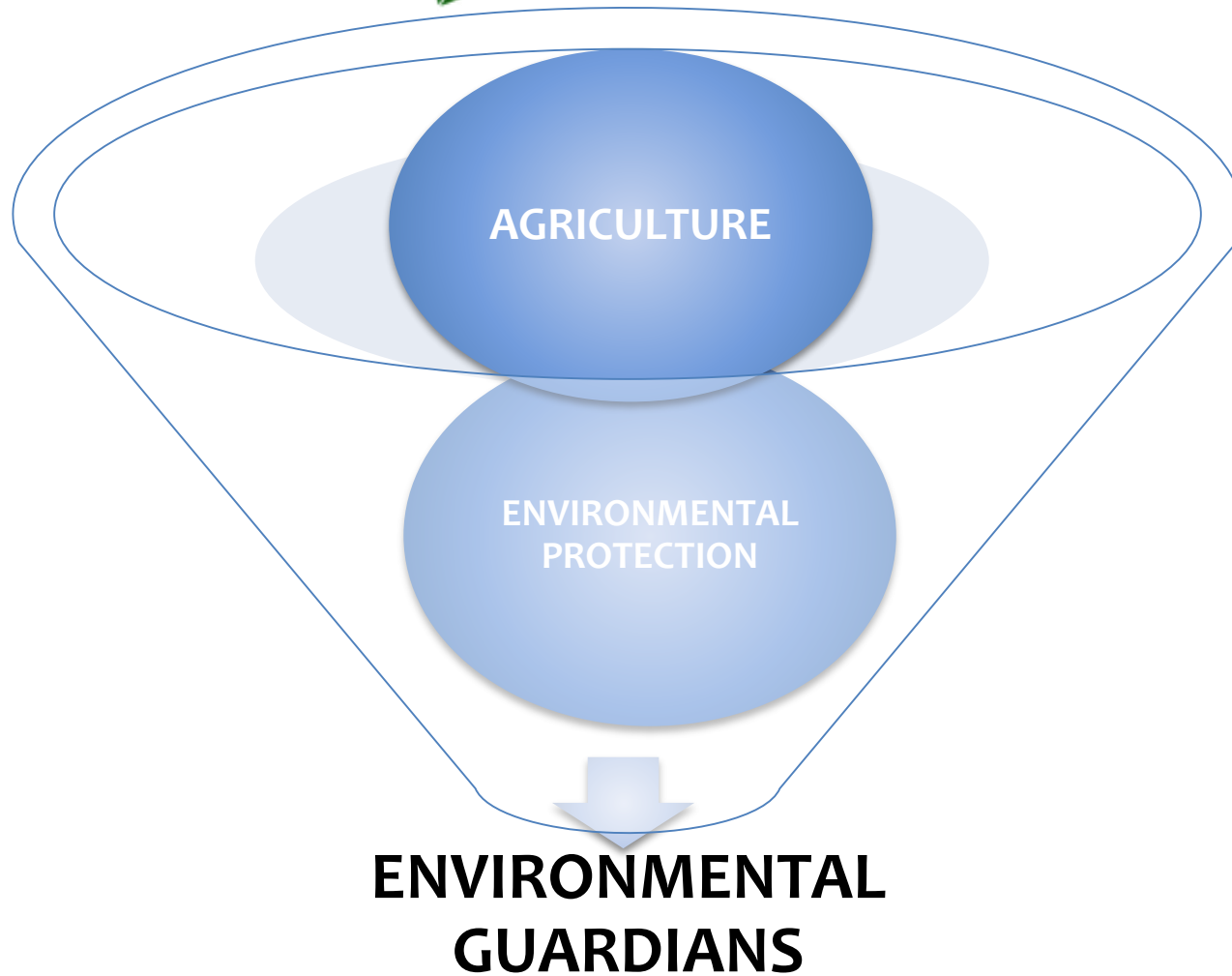
BUSINESSES

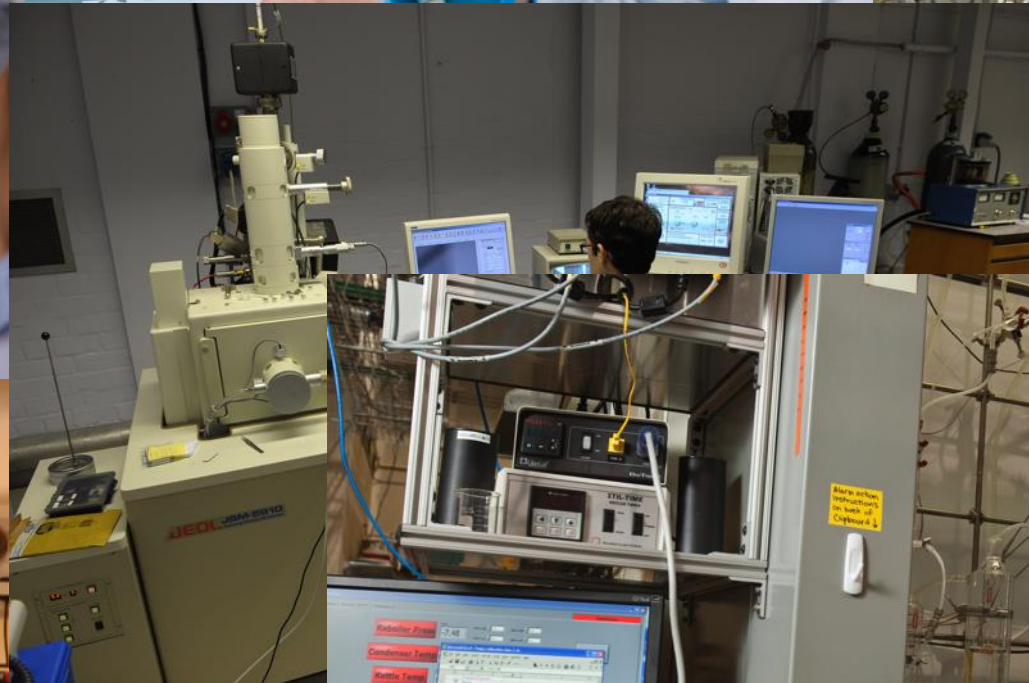
ENVIRONMENTAL
PROTECTION

Centre of Education
and Innovation

RESEARCH

EDUCATION
E-LEARNING

















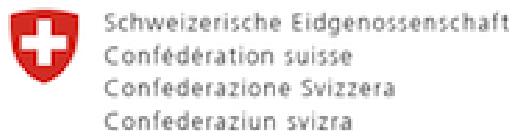
Examples of good practices

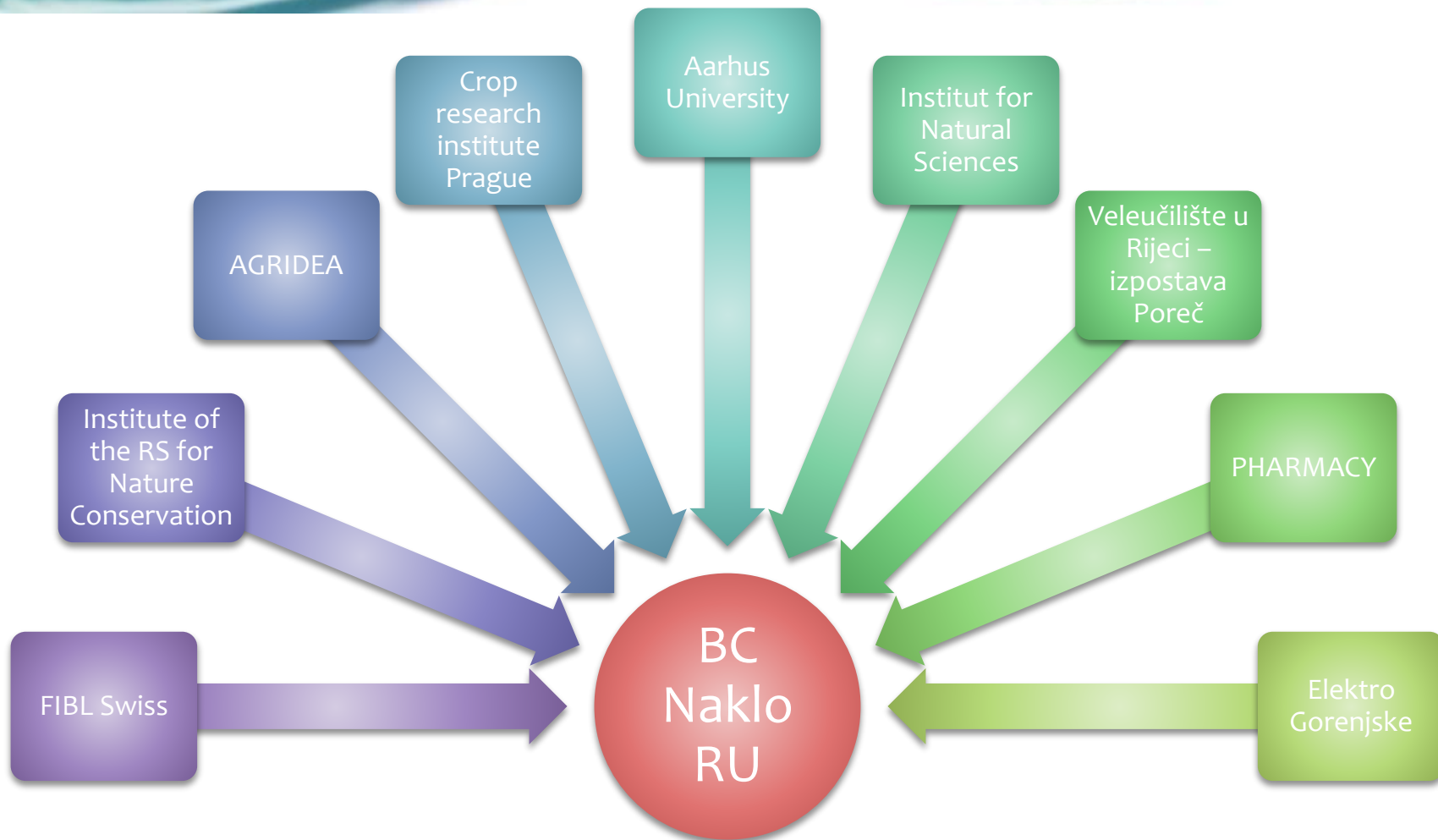


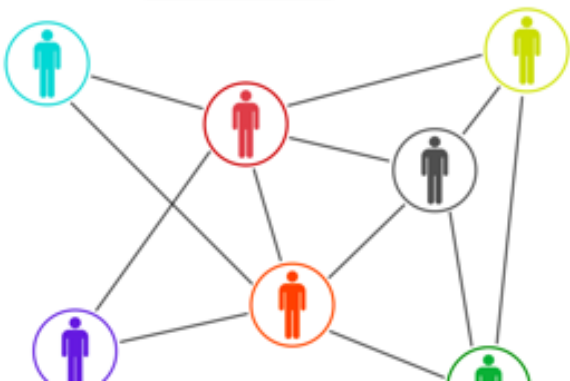
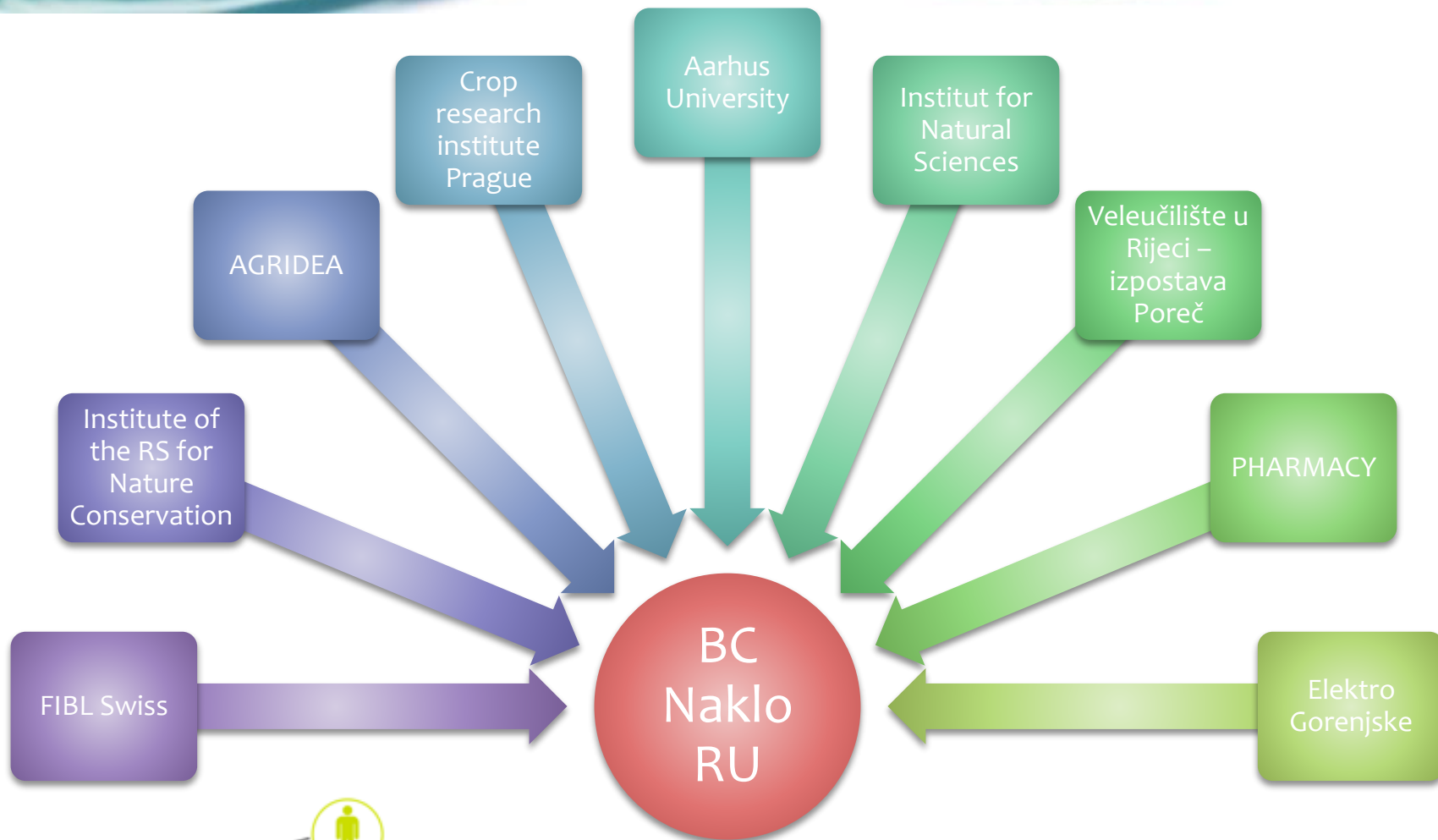
Examples of good practices



Swiss Contribution







RESEARCH WORK

Rumex alpinus REMOVAL BY INTEGRATED MANAGEMENT METHODS

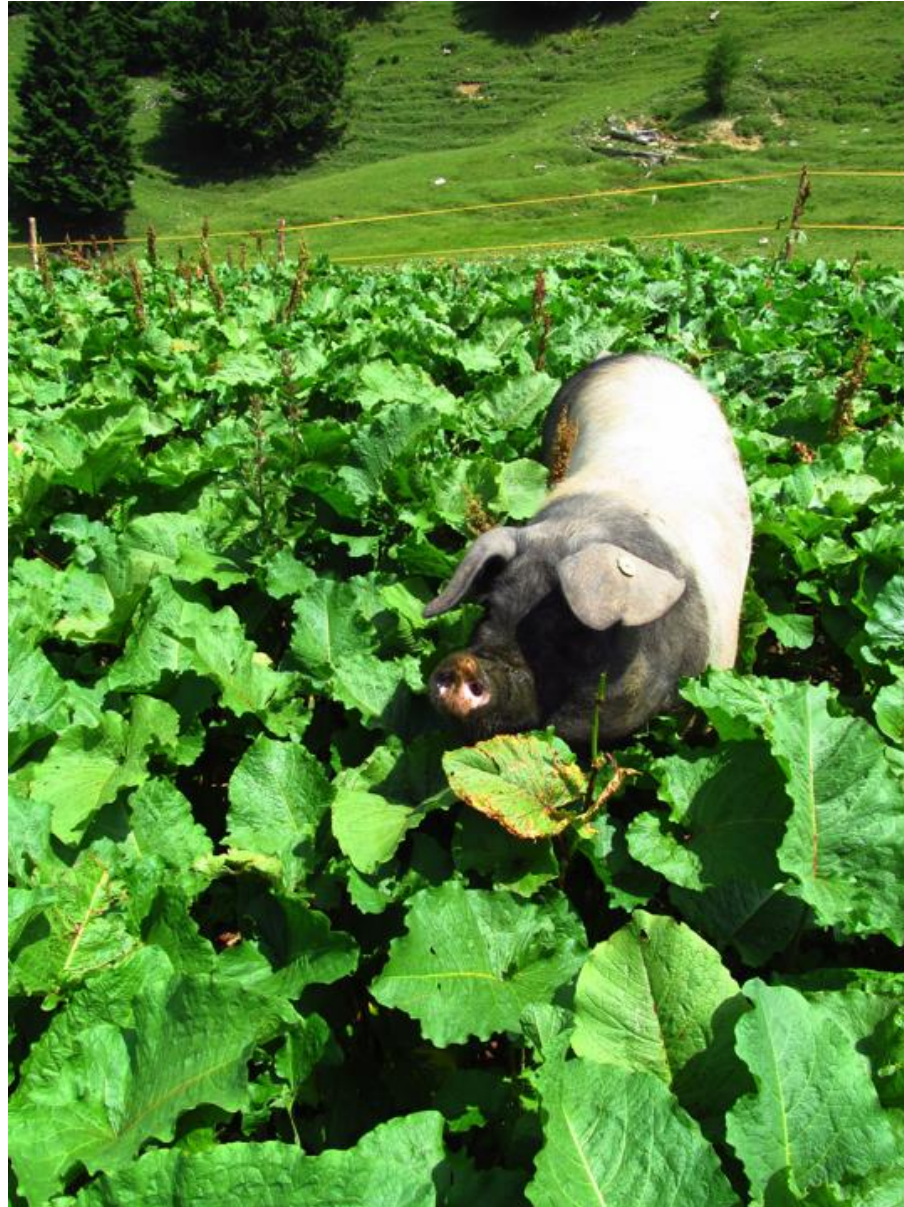
- Gregori M.¹, Šilc U.⁴, Kramberger B.², Lazar M.¹, Slameršek A.³, Ulčnik G.¹
- ¹ Biotechnical Centre Naklo, 4204 Naklo, Slovenia
- ² Faculty of agriculture and life sciences, University of Maribor, 2000 Maribor, Slovenia
- ³ Institute of the Republic of Slovenia for Nature Conservation, 1000 Ljubljana, Slovenia
- ⁴ Institute of Biology, ZRC SAZU, 1000 Ljubljana, Slovenia



Introduction

Rumex alpinus is considered as noxious weed on grasslands and can spread on large areas on montane and alpine pastures. These pastures are often part of Natura 2000 areas or other areas under nature protection so use of herbicides is not preferred. Therefore we tested different integrated methods of *R. alpinus* removal. On mountain Korošica *R. alpinus* spread due to livestock overload during last 20 years and is displacing seminatural grassland habitat type Species-rich *Nardus* grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe). Out of 56 ha of grazing area, 5 ha are under *R. alpinus* and 2.5 ha are not subsidised as mountain pasture.







Swiss Contribution



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



ORGANIC SEED PRODUCTION AND SAVING - “EPS”

- **The project applicant: Biotechnical Centre Naklo**
- **Project leader: dr. Marija Gregori**
- **Project partner organization in Swiss: AGRIDEA**
- **Duration: end of July 2013**

The project “EPS” is supported by a grant from Switzerland through the Swiss Contribution to the enlarged European Union.

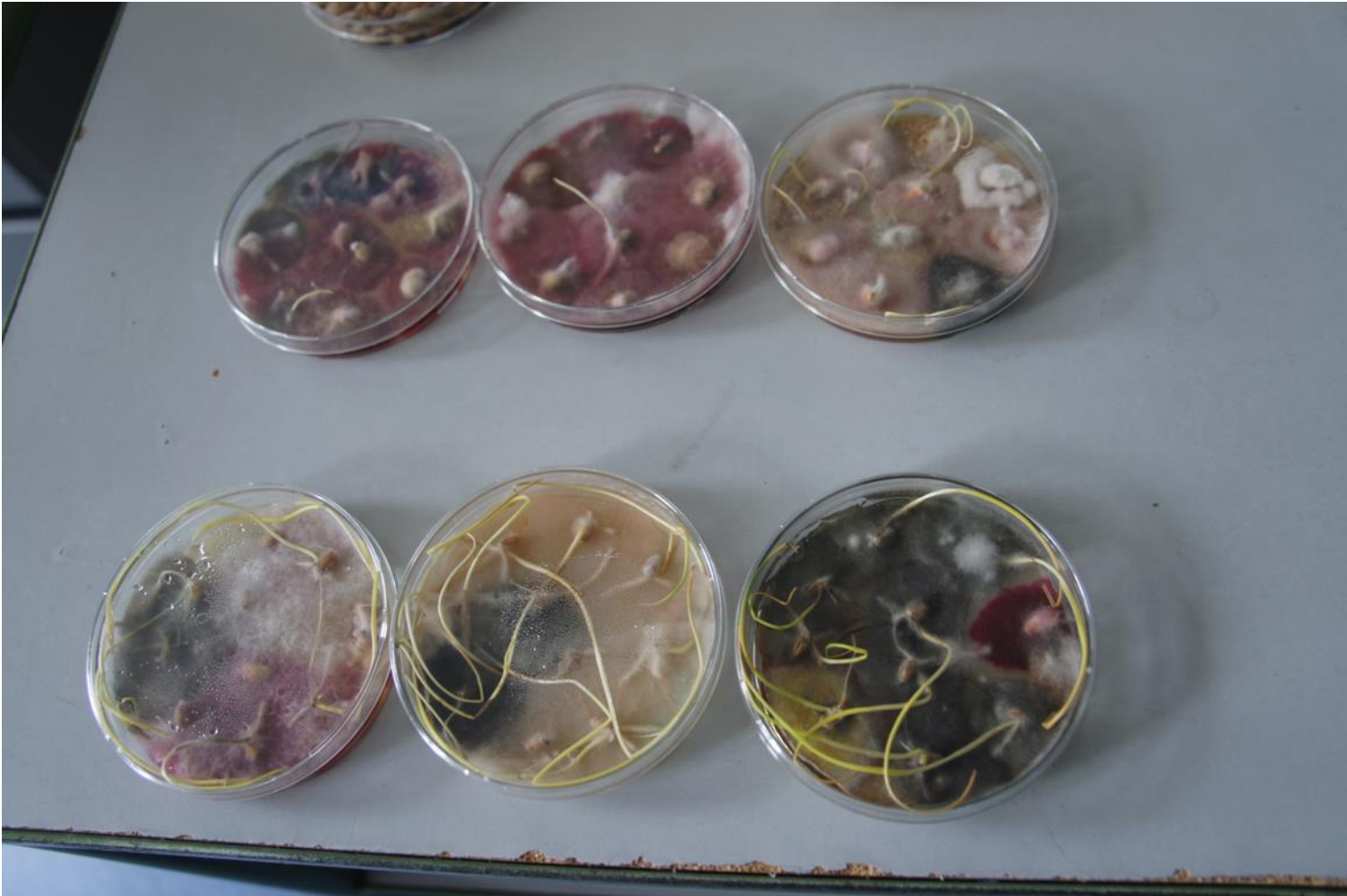
marija.gregori@guest.arnes.si

What is the contribution of the project?

- beginning of awareness of the importance of growing and storage of organically produced seed,
- finding different ways of disinfecting seeds, which coincides with the regulations of the EU organic seed production
- education of Slovenian experts (including Swiss partner) and the transfer of information to the target groups
- Education of target groups about the possibility of setting up short-term seed library on the farm or at home – *seed storage elaborate*
- Learning how to start the production and storage of seeds
- Learning how to check the quality of home produced seeds
- ...













Organic plant breeding



GREGORI, Marija, KREFT, Ivan. Breakable starch granules in a low-amylose buckwheat (*Fagopyrum esculentum* Moench) mutant. *Int. j. food, agric. environ.* (Print), 2012, vol. 10, no. 2, str. 258-262.

CHRUNGOO, Nikhil K., KREFT, Ivan, DEVADASAN, N., GREGORI, Marija. Identification and characterization of granule bound starch synthase (GBSS-I) from common buckwheat (*Fagopyrum esculentum* Moench). *J. plant biochem. biotechnol.* (Online), 27. 9. 2012, str. [1-8].

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School gardens

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Horticulture



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DUDAŠ, Slavica, ŠEGULA, Sabina. Značilnosti in perspektive aromatičnih zdravilnih rastlin = Features and prospects aromatic and medicinal plants. V: BREZOVEC, Aleksandra (ur.), MEKINC, Janez (ur.). Management, izobraževanje in turizem : solidarnost za socialni kapital : 3. znanstvena konferenca z mednarodno udeležbo, 20.-21. oktober 2011, Portorož : zbornik referatov = proceedings. Portorož: Turistica, Fakulteta za turistične študije, 2011, str. 332-336.

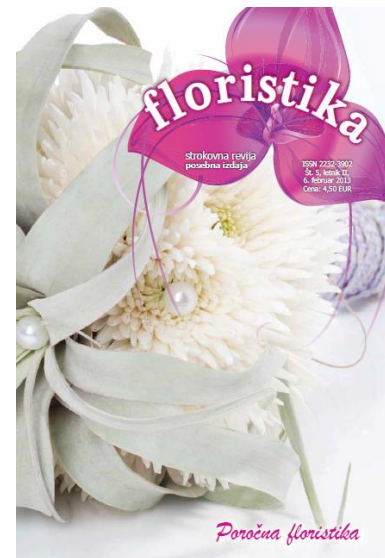
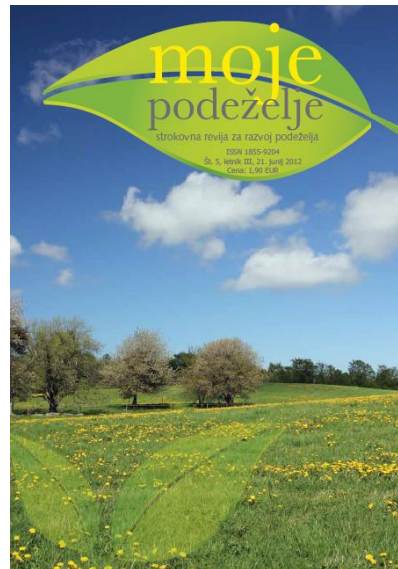


24. in 25. aprila 2013

2nd Scientific conference with international participation

“KNOWLEDGE AND EXPERIENCE FOR NEW ENTREPRENEURIAL OPPORTUNITIES”

Professional journals





... and many more!

In the FUTURE:

Linking in the future with:

- the Balkans and EU countries,
- research institutions at national level and at the international level,
- economies and entrepreneurs both at home and in Europe.

Be a good research service for local and foreign companies.



... and many more!

In the FUTURE:

Linking in the future with:

- the Balkans and EU countries,
- research institutions at national level and at the international level,
- economies and entrepreneurs both at home and in Europe.

Be a good research service for local and foreign companies.

Work with nature and not against her.

Thank you for Your attention



dr. Marija Gregori

Research Unit

- Biotehniški center Naklo | Biotechnical Centre Naklo
- tel.: +386 4 277 21 01 gsm: +386 51 476 773
- email: marija.gregori@guest.arnes.si
- web: www.bc-naklo.si

