

Medical faculties network: Multidimensional quality assessment

M. Komenda¹, D. Schwarz¹, I. Snabl¹, S. Stipek², V. Mihal³, L. Dusek¹

1 Institute of Biostatistics and Analyses at Masaryk University, Brno, Czech Republic

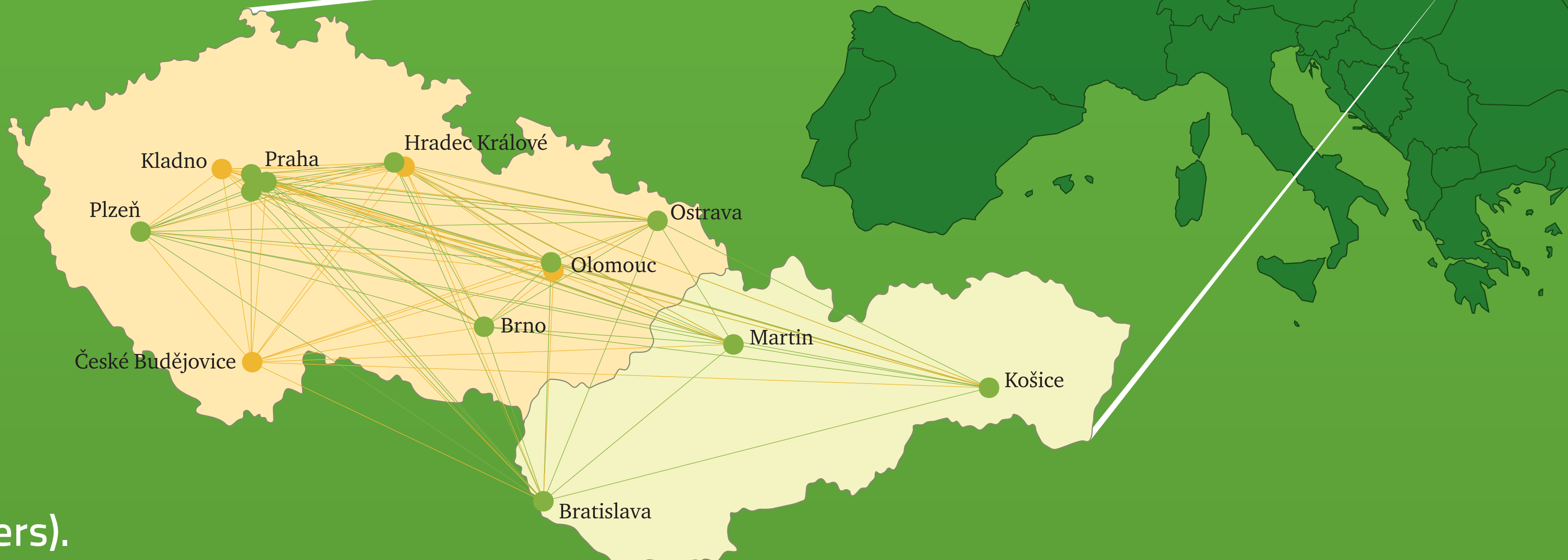
2 First Faculty of Medicine at Charles University in Prague, Czech Republic

3 Faculty of Medicine and Dentistry at Palacky University, Olomouc, Czech Republic

MEFANET - what is it?

MEFANET | MEDical FACulties NETwork

- International cooperation among medical faculties in the Czech Republic and Slovakia.
- Complex support of medical learning with the use of modern information and communication technologies (portal platform, web 2.0 application, learning management system).
- Effective compilation of inter-faculty teams.
- Large community, which covers numerous academic staff (over 30,000 potential users).



Main goals

- Support the new generation of multimedia learning aids.
- Develop web archives of images from clinical practice.
- Strengthen and unify the quality of published educational content.
- Share learning objects among students and authors.
- Implement the project outputs into the medical curriculum. Interest in international cooperation and sharing experiences.

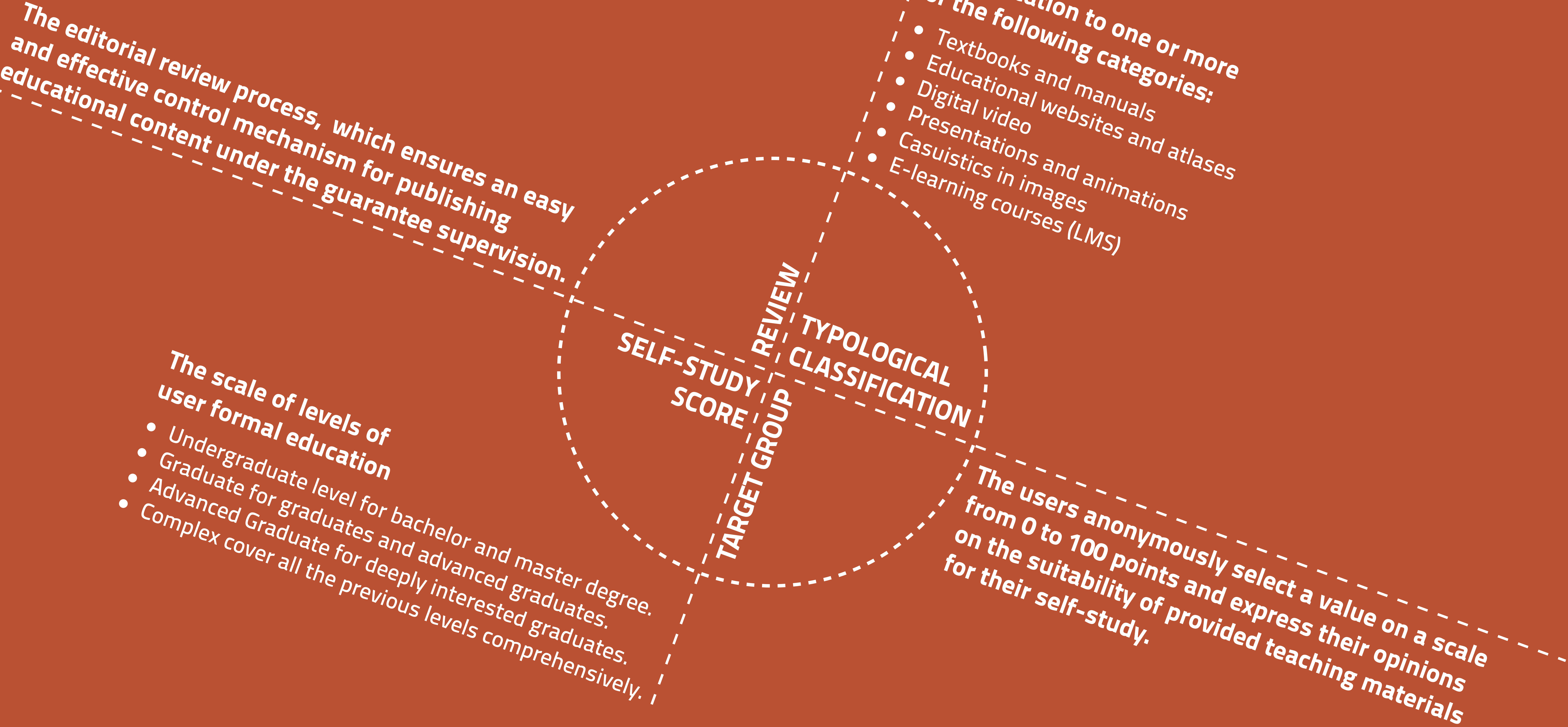
Central gateway

- User-friendly and comprehensible content browsing.
- Complete image about the available digital educational materials across 10 standalone portal instances.
- Easy data sharing and capturing.
- Sophisticated tool for searching in the entire database.
- Federated authentication framework based on Shibboleth/SAML technology.
- Quality assessment of published contents.
- Available at <http://portal.mefanet.cz/index-en.php>

4D quality assessment

- Major emphasis is placed on quality instead of the quantity of learning content.
- Set of new effective classification and review mechanisms covers four independent principles, which enable comprehensive quality assessment of published educational materials.
- The four dimensions consist of the following parts:
 - ♦ review,
 - ♦ typological classification,
 - ♦ level of the target group,
 - ♦ user self-study score.

4 dimensions



Join us... MEFANET 2011 Conference

November 24-25, 2011 (Brno, Czech Republic)

<http://www.mefanet.cz/conference>

5th conference of Czech and Slovak faculties of medicine with international participation, focused on e-learning and medical informatics in the education of medical disciplines

Main fields

- Information and communication technologies and their application in the education of medical disciplines.
- Electronic support in the education of bachelor study programs.
- Teachers' and students' experience with the use of information technologies in the education of medical disciplines.
- Methods of effective creation of electronic teaching tools.
- Legal issues, copyright.

Acknowledgement

The project "MEFANET platform" reg. n.: CZ.1.07/2.4.00/12.0050 is supported by the European Social Fund and the state budget of the Czech Republic.



europa
european
social fund in the
czech republic



INVESTMENTS IN EDUCATION DEVELOPMENT