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Building sustainability in water resources management higher education

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Sustainability



- We want other people to benefit from the project – to use the project results
 - To be available
 - To know about them
 - To find them useful

- Three aspects
 - Organizational sustainability
 - Subjects
 - Financial sustainability
 - Funding
 - Institutional sustainability
 - Relevant policies
 - Legal and social framework

Sustainability plan



- A comprehensive and coherent set of goals, actions and requirements.
- Wider SWARM goal

to improve and build regional educational capacities, cooperation and competences in dealing with water resources management (WRM) issues

- SWARM objectives
 - New and improved academic courses in WRM
 - LLL courses
 - Laboratories equipped with up-to-date laboratory equipment and software
- Target groups
 - students
 - professionals in the water sector
 - teaching staff

New and improved study programmes

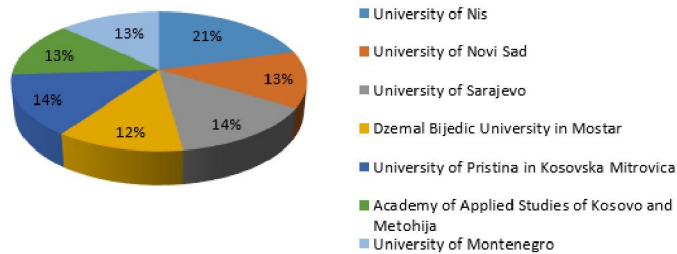


- **Three** new and **accredited** and **five modernized study programmes**
 - competence-based study programmes in WRM
 - developed in collaboration with programme country HEIs and companies in the water sector
 - **32 new/modernized subjects** implemented at the WB partner HEIs
- Accreditation of the developed study programmes confirms achieved quality standards
- 2020/2021 – 53 enrolled students

Human resources and working environment



- **Retrained WB teaching staff** (92 team members trained) with up-to-date knowledge in WRM to teach on the new/improved study programmes.
- **Advanced teaching and learning process introduced.**

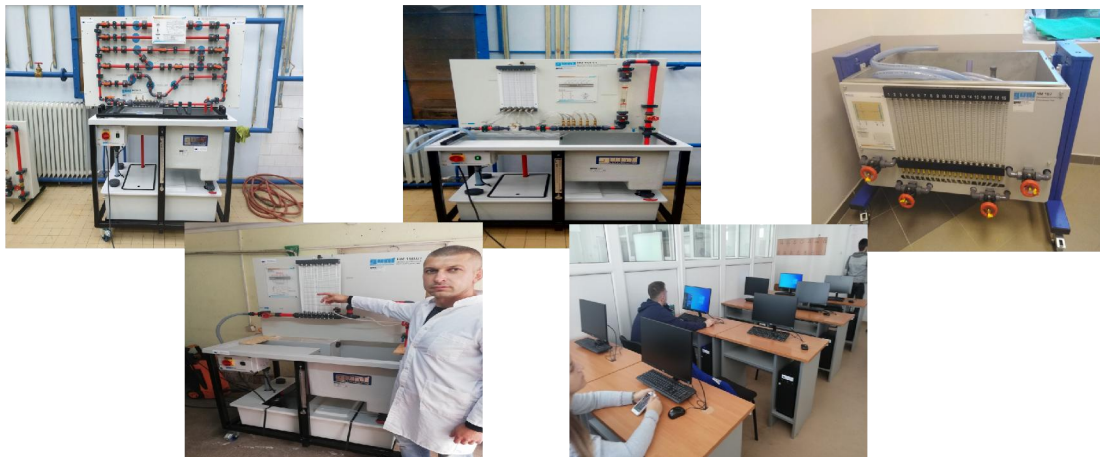


Percentage of WB trained teaching staff per WB HEIs

Human resources and working environment



- **Introduced new laboratory equipment and software** necessary for the continuation of the study programmes in line with modern EU HEIs WRM laboratories.



LLL courses



- **New training programme in WRM** developed and conducted.
- 7 LLL courses developed and recorded
- Moodle platform: <http://gf94.gaf.ni.ac.rs/course/index.php?categoryid=5>
- Bilingual handbook for training purposes developed

Summer/winter schools



- 6 schools will be organized
- Minimum 30 students will be educated in a hybrid mode
- Minimum 20 WB teaching staff will be educated to further implement schools
- Materials produced by EU partners

Conclusions



- The capacity of WB HEIs should be further strengthened
- HEIs should respond to the needs of industry through developing innovative training programmes
- Study programmes should include the students' internships and implement the latest techniques in the teaching process