MENVIPRO Work Plan and Results

Yerevan, 14-15.01.2019
Goals of the project

Overall objective:

to significantly improve the quality of post-graduate studies in the field of Environment Protection in Armenia and Georgia

How?

• Utilizing best practice in Europe and in the Partner countries
• By developing/improving curricula for 14 MSc courses (each 3 ECTS), including comprehensive evaluation and accreditation preparation
• Updaing teaching/learning infrastructure (ERLEP)
• Disseminating the results to entire HE systems in Armenia and Georgia
Timeline of the project

- **Management, Dissemination, Quality Control (WP5, WP6 and WP7)**: 15.06.2019 - 15.06.2021
- **Implementation**: 15.11.2018 - 15.11.2019
  - Infrastructure, Curricula Develop. (WP2, WP3)
- **Evaluation**: 15.11.2020 - 15.11.2021
  - Evaluation Trial (WP4)
- **Analysys**: 15.11.2018 - 15.11.2019
  - Study, SWOT (WP1)
WP1 Best practice Study and SWOT (ISEC)

Goal:
• To collect and generalize the best practice in the field of MSc studies in Environment Protection
• To prepare the curricula development and capacity building activities

Result:
• Recommendations for MSc programmes design and delivery

Duration:
• From now on → July 2019
WP1 Best practice Study and SWOT

Activities:

• Visits of the group of Armenian and Georgian colleagues to
  • UNITUS
  • ULisbon
  • UHalle

Each trip includes a workshop:

• Presentation of relevant European curricula (academic content, entrance requirements and target competences, structure of classes, laboratory base, etc.)
• Meetings with teaching/technical staff
• Visits to laboratories and research facilities
Points to decide:

• Who? The group(s) of 10-14 people
• When? Spring 2019?
• Can we merge/coordinate trips?
• Deliverables (who is responsible?):
  • 1.1 Report on visits
  • 1.2 Recommendations (white paper)
WP2 Curricula development (Ulisbon)

Goal:
• To develop 5 new courses and update 9 existing courses
  • Within the national educational standards (accreditation)
  • Maximal convergence with European best practice

Result:
• Set of 14 curricula (teaching plans, methodological materials, etc.)

Duration:
• From August 2019 till August 2020
WP2 Curricula development (update)

• Environmental geochemistry Italy
• Environmental monitoring and measurement devices Italy/Portugal
• Complex Geo-ecological mapping Germany/Italy
• Spatial data infrastructure and data management Germany/Italy
• Landscape planning Italy
• Ecology of Urban environment Italy
• Environmental toxicology Italy
• Geographic Information Systems (GIS) Germany/Italy
• Ecological risk assessment Italy/Portugal
WP2 Curricula development (newly develop)

- Environmental radiation protection Portugal
- Environmental statistics Italy
- Applied remote sensing for the environment Germany
- Water quality management ??????
- Food safety and security Italy
WP2 Curricula development (newly develop)

Activities
• 2 Curricula design workshops (Armenia, Georgia)
• 2 Curricula evaluation workshops (Armenia, Georgia)

Deliverables
• 2.1 Collection of modernized/developed curricula (August 2020)
• 2.2 Recommendations for MSc Curricula design, including use of new educational technologies (August 2020)
WP3 Innovative learning/teaching/research environments

Goal:
• To establish in Partner Universities practice and capacities to develop and deliver MSc curricula in Environment Protection using practice-oriented and technology/research driven approach

Results
• Improved infrastructure and skills of teaching, technical and managerial staff to develop and deliver practice- and research-oriented curricula
• Strengthened direct cooperative links between European and partner universities
WP3 Innovative learning/teaching/research environments

Activities

• Workshop «Innovative postgraduate education: links to society and industry». GIRAF. Location?

• Design of 2 summer schools (summer 2020, 2021). Workshop in Lisbon

• Web-platform (e.g. MS Sharepoint) + videoconferencing facility (GRENA, CENS)

• Establishment of Education and Research Laboratory as a shared facility

• Training workshop for technical personnel of ERLEP
WP3 Innovative learning/teaching/research environments

Deliverables

• D3.1 Joint web platform and repository (October 2020)
• D3.2 International Summer School in the field of Environment Protection: Design Document (Spring 2020)
• D3.3 Education and Research Laboratory for Environment Protection: Report (November 2019)
WP4 Evaluation Trial

Goal:
To ensure the acceptance and high quality of the developed/improved curricula and prepare the accreditation

Duration:
• Summer 2020-November 2021
WP4 Evaluation Trial

Goal:
To ensure the acceptance and high quality of the developed/improved curricula and prepare the accreditation
To implement 2 summer schools designed in WP3

Duration:
• Summer 2020-November 2021
WP4 Evaluation Trial

Activities:
• Evaluation design workshop (summer 2020, Yerevan)
• Pilot implementation of curricula – academic year 2020/2021
• 2 Summer Schools (Tbilisi, Yerevan)
• Thematic webinars for teaching and managerial staff (number/topics to be decided in 2020)

Deliverables
• D4.1 Evaluation Design (autumn 2020)
• D4.2 Evaluation Report (November 2021)
• D4.3 Summer Schools Report (November 2021)
WP5, WP6, WP7

Work packages on

Quality control,

Dissemination and

Management

have special sessions during the meetings.

See Agenda.
Thank you!