

MENVIPRO Work Plan and Results

Yerevan, 14-15.01.2019



Goals of the project

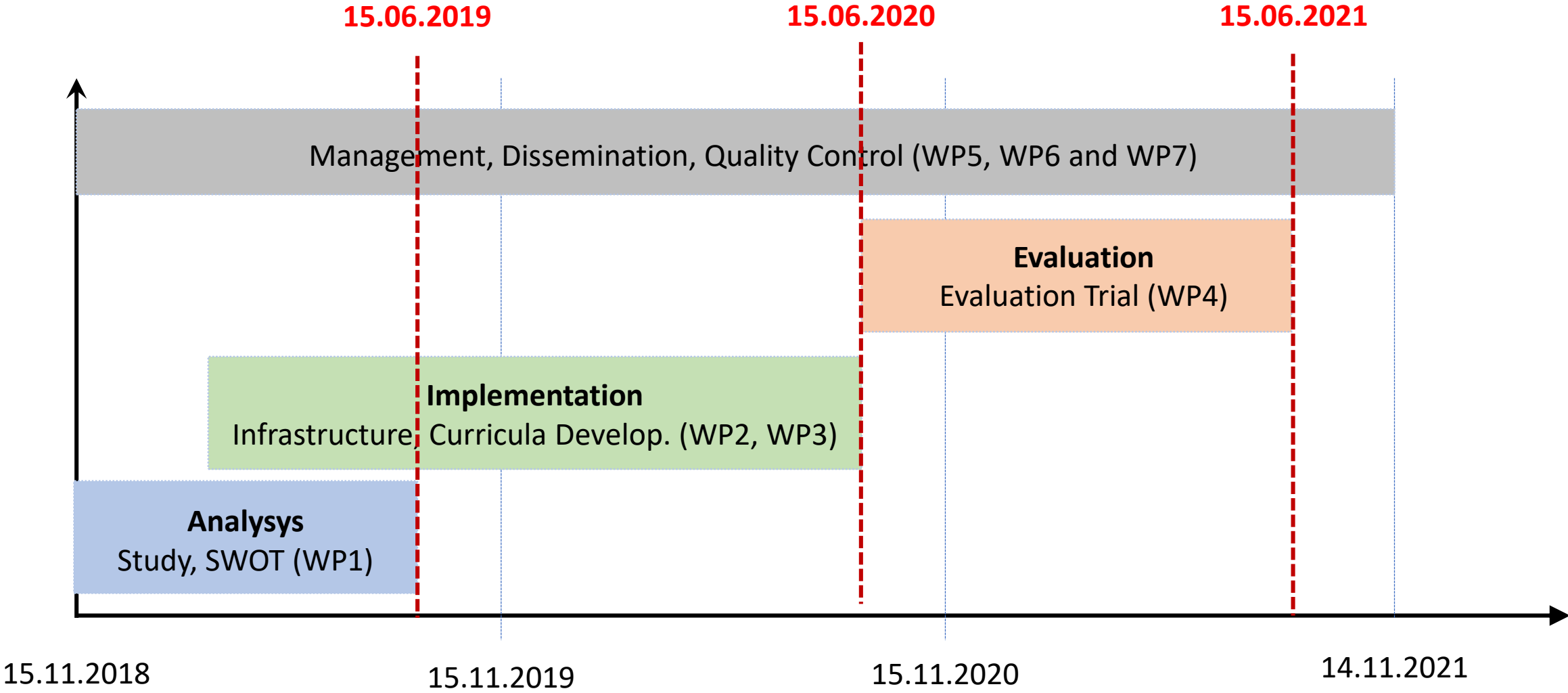
Overall objective:

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



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

WP1 Best practice Study and SWOT

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 !