



SUFAREL: activities, logistics, mobility

*Russian coordinator of the project,
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Specific objectives of the project

To create Qualification Framework (QF) in sustainable forestry (SF) and lifelong learning (LLL) by close collaboration of EU and RU Universities, NGOs, ministries and associations.

Workplan and workpackages

Workshop "QF in forestry: approaching to EU and RU standards"

The first coordination meeting will be held in Mari El (RU). The consortium of the project will gather in MarSTU to establish priority in the first year's objectives and activities, clarify details of the management plan, to meet with target groups and discuss the mobility, to talk about the vision of the QF in SF and LLL, how to arrange video conferences.

4 modules of videoconference trainings in the field of the QF

First video seminar should be carried out in March 2012



Internship opportunities in EU Universities and companies for 37 teachers from RU

The UH with EFI will arrange visit of RU trainers to the companies and organizations dealing with the forests and forestry (Metsähailitus, Metla, Pöyry, BIOwatti).
Palmenia centre will prepare training in the field of LLL as well.

USTL-UniCop training will be focusing on the issues of LLL through executive education programs oriented to current stakeholders needs, Urban Forestry and curricula for 3 cycles of HE based on ECTS.

The AUT will arrange training in the leading Greece forestry companies; will provide RU team with the new teaching methods and qualifications in forestry.

UP-BOKU will arrange training in the companies and organizations of Italy (Padua campus, biofuel companies, community forests). BOKU will be focusing on the issues of forest silviculture and forest measurements.

First visit of the consortium members from Russian Universities and organizations is planned on April 2012 . Austria-Greece

Second visit of the consortium members from Russian Universities and companies is planned on September 2012. Finland - Denmark

Third visit of the consortium members from Russian Universities and companies is planned on May 2013 . May 2013. France-Italy.

Project's Web portal and e-communication strategy

Organization and updating of the project's web page with information on the activities, progress, outcomes and results. References to this site will be installed on the web pages of the consortium Universities and companies, as well other interested organizations of the professional network. The webpage also will serve as the source of e-communication of the consortium. There will be promotion of the projects website to the society at large in the blogosphere (Twitter and Facebook).

Exchanges of 14 PhD students between the consortium

PhD students from RU Universities will be visiting the EU Universities for 3 months to study different courses and doing research in the field of project's priorities - remote sensing, urban forestry, silviculture, international forestry, climate change, and adaptation technologies. All attended courses and received credits will be recognized at home universities. After mobility the students will continue to work at RU Universities and promote the developed QF in SF and LLL.



EU students' mobility to RU Universities

Students from EU Universities will be visiting the RU Universities for 3 months to study different courses in the field of project's priorities and developed QF. All attended courses and received credits will be recognized at EU universities. The student's mobility visits will contribute to the development of RU QF' descriptors and promote EU ECTS to RU Universities.



12 open access e-learning-2.0 courses

During the project 12 new E-learning-2.0 courses in the field of SF will be established on the server of MarSTU, based on subjects and knowledge transferred from the EU partners. The courses will be available to all interested persons and organizations. Course topics will include: Advanced remote sensing in forestry, International forestry, Forest policy, Modern economics for forestry in transition, Silviculture, Adaptation technologies in forestry, Forest monitoring, Urban forestry, Green energy technologies, Management Planning for Sustainable Forestry in Russia, Forest certification, and Global ecosystems monitoring. Compilation of these courses in different combinations will be used for the BSc, MSc, PhD and LLL programs in RU Universities.

Tuning of the RU state standard in HE to the QF in SF and LLL

Newly developed descriptors of the QF in SF and LLL will be adjusted to the RU standards of third generation in the field of forestry taking into account basic principles of the three cycle level's (bachelor, master and PhD) and EU approaches to the LLL. Consortium will be working on this activity together with the RU Ministry of Higher education and science. The outcome of the activity will be tuned standard of third generation in the field of forestry.

Descriptors of the QF in LLL developed and accepted by the RF Ministry of education

Nine level descriptors of the QF in SF and LLL will be developed in close cooperation between the consortium members. RU partner universities, belonging to the Study-methodological council of RF (decision making authority), will apply with this descriptors to the RU Ministry of Higher education and science. The outcome will be accepted by the RU Ministry the QF descriptors for the LLL in forestry, which will allow to disseminate them among all RU Universities and Institutions.

Уровень 1 – свидетельство о начальном образовании.

Уровень 2 – свидетельство о среднем общем образовании

Уровень 3 – аттестат о полном среднем образовании.

Уровень 4 – диплом НПО с аттестатом о полном среднем образовании.

Уровень 5 – диплом СПО.

Уровень 6 – диплом бакалавра.

Уровень 7 – диплом специалиста с высшим образованием, диплом магистра.

Уровень 8 – диплом кандидата наук.

Уровень 9 – диплом доктора наук.

Peer reviewing of the developed E-learning-2 courses

All newly developed E-learning-2.0 courses and descriptors of the QF in sustainable forestry and LLL, prepared in the framework of the JEP, will be assessed by internal and external reviewers from other RU Universities. Consortium plans to use these measures for the quality and monitoring assessments of the project activities and results. To ensure effectiveness of the quality control the Logframe approach, feedback questionnaires for evaluation by students, and SWOT analysis will be used during the project. For every training module, quality measures comprising qualitative and quantitative indicators will be compiled by the scientific board formed by the professors and specialists of the universities in the consortium.

Inter-project coaching

Two inter-project coaching sessions will be carried out during the progress on the project. First inter-project coaching will be held in USTL (FR) during the intermediate workshop and management meeting of the consortium in Lille. The second inter-project coaching will be organized in Saint-Petersburg during the last dissemination conference. The coaching persons will evaluate the consortium's activities and project results.

Testing the developed materials by NGO and specialists from forestry companies

There will be quality control of the E-learning 2.0 courses and manual of the descriptors on QF in SF and LLL by students, NGO and specialists in forestry. SEIF administrator will coordinate this activity. Target group's evaluation of the courses and descriptors will give good feedback for the final amendments and corrections of the developed materials before their licensing.

Licensing of the courses by the Guilds of experts and Accreditation agency of RU

For every educational module, quality measures consisting of qualitative and quantitative indicators will be compiled by a scientific board formed by professors and specialists of the universities of the consortium. At the final stage the E-learning courses and the developed QF in SF and LLL will be licensed by the RU national accreditation agency with the help of GEPE. This will provide quality control, sustainability and the wider dissemination of the project's results.

Dissemination through internet and mass media

Launching and updating of the web page on the MarSTU's portal (www.marstu.net) with information on the projects results. References to this site will be installed on the web pages of the consortium Universities. Promotion of the project's web site to the RU Universities, LLL Institutions and forestry organizations in the blogosphere (face book and twitter), among companies, ministries, colleges and Universities. Informing of the society about the projects' progress on local TV and radio.

Publication of the brochure and E-learning courses on web

Developed E-learning-2.0 courses (12) will be published on the MarSTU server. One booklet about projects findings and progress will be published on two languages. All these materials will be disseminated among other Universities, RU ministries in forestry, Institutions in continuing education, and in society at large.

Info-days will be held in all partner universities.

During these events, the wider community will obtain information about the progress on project in RU Universities of the consortium, as well as learn how the results and outcomes have been/could be implemented. Moreover, they can offer feedback on project activities. These days also will be used for students/teachers/trainees to present their study/research and discuss possible business/practical use of their results. In order to focus on the international aspect of the problem, the Info-days will be planned during the mobility visits of the EU Universities, so that they can contribute by presentations about QF and sustainable forestry. The audience will include policy makers, local community's representatives, the media, students and teachers of the consortium Universities.

International dissemination conference in Sankt Petersburg.

Dissemination conference in St. Petersburg (RU) with participation of the consortium and other interested persons – teachers, researchers, foresters and PhD students of the EU and RU Universities and Institutes. Advertising of the conference through IUFRO and EFI network. Dissemination of the published materials among other Universities of RU. Publication of the conference proceedings.

6 Collaborative Centres for the classes of sustainable forestry and LLL in RU Universities

For each partner country we allocated about 43600 euro for the purchase and installment of the equipment in such centres. The videoseminars also will be arranged for the target groups in these centres.



6 workshops of the consortium regarding the QF

Six workshops of the RU Universities will be held during the project. Presentations between the partners will be arranged through the videoconferencing. The workshops will summarize the research activities by master and PhD students in EU countries. There also will be trainings for the foresters and teachers on the guidelines and descriptors of the QF in SF and LLL.

There will be identification of promising initiatives in the field of sustainable forestry by students/researchers at the each partner country university, who was on mobility in EU Universities. New descriptors of the QF in SF and LLL will be discussed and promoted through this network and applied in practice. The consortium's private organisations and companies (SEIF, GEPE and MFM) will play an active role in forming and participating in the workshop activities.

Integration of the QF's approaches into teaching practices in RU

In each RU University newly developed and licensed descriptors of the QF in SF and LLL will be introduced to the curriculums of the forestry specialities (3-Cycles and LLL). Six academic persons of RU Universities with other lecturers and deans of the forestry faculties will adjust all curriculums and study plans of the Higher education standards in forestry of third generation. This activity will allow directly introduce of the project's findings to the educational process and LLL in RU.

E-bulletin of the consortium

The E-bulletin of the consortium will be a digest on the project's activities, findings, seminars, conferences, articles of the participants, summary of the Student's research papers. This e-bulletin will keep informed the consortium, interested enterprises, universities about the ongoing events and will bring interested persons to the exploitation activities of the project. This E-bulletin will be continued after the project with regard to maintain its sustainability.

**Overall project management and administration (correspondence,
travel arrangements, reports)**

The grant holder and coordinator for the project is Mrs. Ella Kainulainen of the UH Palmenia centre for continuing education, who will be accountable to the European Commission for the delivery of the project. She will be supported for the management matters by Prof. Eldar Kurbanov from Mari State Technical University. The overall progress, management and administration of the project activities are the responsibility of all consortium members. The consortium will be supported by the professional project management of the Palmenia centre, which will be responsible for the following tasks:

- * Contract Management: Coordinating of all contract issues between the Grant holder and the consortium members
- * Financial Management: Ensuring observation of programme regulations and continuous instructing of all consortium members. Review of financial information and update on the budget, preparation and support of auditing.
- * Reporting: Preparation of financial reports. Recording of administrative issues during project meetings.

To guarantee a successful execution of these tasks, it is necessary that each member of the consortium will submit a half-yearly report to the coordinator, indicating the progress over the last 6 months, staff working on the project, expenditure, outputs produced, deliverables achieved, an outlook for the next months as well as indicating any issues and risks.

The consortium will meet four times in partner countries to agree on upcoming project activities, discuss financial issues and progress on the project deliverables.

Decisions will be taken by voting, the Grantholder as well as MarSTU representative have the right to veto. The Palmenia project manager will prepare and attend all coordination meetings as well the Grant holder Meeting in Brussels. Apart from meetings, the communication will primarily take place via email, videoconferences and telephone.

