



The Serbian Agricultural faculties have agreed to prepare a TEMPUS proposal Building Capacity of Serbian Agricultural Education to link with Society and create a National repository for agricultural education NaRA, together with other “players” participating in agricultural education: AMSs and the IPN responsible for agricultural advisory services. For this purpose experts from 2 NGOs from Serbia and peers from 3 EU Universities are planned to help establishment of NaRA and trainings needed for University professors, AMS professors and agronomists from advisory services.

WP1 Creation of the Repository, led by P11. The CaSA project will start with the workshop to be held in Belgrade in month (M) 1: all partners will gather for a kickoff meeting, a Steering Committee SC will be created and procedures of cooperation between partners defined. The workshop will define structure and content of the repository. Important decisions for the project will be taken: an agreement between faculties' managements will be reached on maintenance of NaRA - availability of content, commercialization aspects, recognition of teachers work in courses preparation; procedures for intellectual property rights IPR of courses creators will be defined; a body for project quality control QC created; a dissemination plan adopted, including a decision on project web-site creation and maintenance. For this meeting 9 flows EU-PC and 19 flows PC-PC for 3 days stay are needed and in total staff costs for 10 days for P1, and 12 days for P2-P13. For activity 1.2 - in total 76 days for P1 are needed.

WP2 Assuring infrastructural support for NaRA functioning /Development of resource, led by P1, will start with equipment purchase, in M 2-4, 13 days for P1, and 12 days for P2-P5 each, and 6 days for P6 and P7. Training of IT administrators for maintenance of the platform, in month 6 will need 2 days for P8 and 1 for P1; 4 flows PC-PC for 4 persons, 3 days stay. For activity 3 an IT expert will be engaged and 34 days for P1 for the period M 4 to 36 are needed. Engaging a cameraman and film editor from University of Arts will require 29 days for P1.

WP3 Improvement of competences of university teachers, lead by P8 consists of: Training of 60 university teachers (UT) in ATL, requires 2 groups of 30 attendees each (1st group: 15 teachers from P1 + 15 teachers from P2; 2nd group 10 P3 + 10 P4 + 10 P5). Each group will be trained the basic ATL seminar, followed by second ATL seminar with 30 days between the 2 seminars. They will be held in Belgrade and Novi Sad for group 1, and in Cacak and Novi Pazar for group 2. For the basic seminar 20 days (4 days for 4 persons=16 days + 4 days preparation) = 40 for 2 groups are needed. During the 30 days period between 2 seminars teaching scenarios prepared by UT will be examined by EF and improved by trainees via e-mail communication, this need 20 staff days. Than a 2nd seminar will be held for each group, it requires 30 days (3 days for 4 persons = 12 days, + 3 days preparation = 15 x 2). This makes 40+20+30= 90 days in total for P8. For those seminars in total 82 flows each, 4 days stay + 2 days travel. Training of UT in academic skills is planned as a 4th day of the second ATL seminar, requires 8 days, and since all flows are counted for activity 3.1 this one needs 2 flows 2 days stay and 2 days travel. Training of UT in methodology of creating eLearning vocational courses will be carried out simultaneously with 5.2, since for eLearning training UT and AMS teachers will be trained together. This requires 40 days for P8 (divided in 2 activities: 3.3 and 5.2). Flows will be presented in WP5, except for 4 flows PC-PC, 3 days stay and 2 days travel for EF trainer in eLearning.

WP4 Modernization of teaching contents will be led by P3 starting with the analysis of the needs for knowledge refreshment, all will require in total 62 days for BSN, IPN, AMS for questionnaires preparation, distribution, analysis, and report preparation. This first activity needs 2 flows PC-EU



for 1 person from the Ministry and 1 from IPN to UM for 5 days stay, 2 days travel, to learn UM experiences in eLearning and vocational courses. The 2nd activity will be a Workshop in Cacak with EU partners to compare experiences and good practices. 9 flows EU-PC: 9 persons 1 day stay, 2 days travel, plus 30 flows PC-PC – 30 persons (1 day stay, 2 days travel). For UNIKG 8 days are required. Activities 4.3 and 4.4: Development of classical and web based vocational courses for AMS teachers and agronomists in extension service will require: 4.3 - for P1 (8 UT x 20 staff days)= 160 staff days, for P2 (7 UT x 20 staff days) = 140 staff days, and for P3-5 (3 x 5 UT x 20 staff days) = 300 staff days; 4.4 - for P1 (7 UT x 20 staff days)= 140 staff days, for P2 (8 UT x 20 staff days) = 160 staff days, and for P3-5 (3 x 5 UT x 20 staff days) = 300 staff days.

WP5 Improvement of competences of AMS teachers, leader P6, has 2 activities 5.1 Training of AMS teachers in ATL (M 14-19) and 5.2 (M 10-12) Training of AMS teachers in e-learning. 60 AMS teachers will be trained. 2 groups of 30 for ATL training.

Group 1: AMS Svilajnac (12 teachers) + AMS Pozarevac (12) + AMS Futog (6) =30

Group 2: AMS Sjenica (12) + AMS Požega (12) + AMS Futog (6) = 30

1st basic seminar for group 1 in Svilajnac, 2nd seminar for group 1 in Svilajnac, 1st basic seminar for group 2 in Cacak, 2nd seminar for group 2 in SUNP, for the 1st basic seminar in total 40 staff days. During the 30 days period between 2 seminars teaching scenarios prepared by AMS teachers will be examined by EF and improved by trainees, this need 20 staff days and will be done as for UT using e-mail communication. Than a 2nd seminar will be held for each group, requires 30 days (3 days for 4 persons = 12 days +3 days preparation = 15 x 2). This makes 40+20+30= 90 days in total for P8. 1st basic seminar for the group 1 in Svilajnac requires 22 flows PC-PC for 4 days stay and 2 days travel, the 2nd in Svilajnac requires 22 flows PC=PC for 3 days stay and 2 days travel 1st basic seminar for the group 2 in Cacak and requires 34 flows PC-PC for 4 days stay and 2 days travel, and the 2nd in SUNP requires 34 flows PC-PC for 3 days stay and 2 days travel

For AMS teachers training for e-learning: for EF (3 days preparation+3 days work+2 days online= 8 days x 5 groups = 40 staff days). The 40 days are divided as follows: 20 days for 5.2 and 20 for 3.3, although these trainings (for University and AMS teachers) will be held simultaneously at Universities: UB (15UNIV+12AMS), UNS (15+12), SUNP (10+12), UNIKG (10+12), EDUCONS (10=12) = 5 groups. Stay and travel for EF for 5.2 are already counted in 3.3. 12 flows of AMS teachers to 4 Universities (except Svilajnac) = 48 flows 3 days stay and 2 days travel.

WP6 Improvement of competences of experts in ES will be led by P7. 6.1. Training of agronomists in extension services in using e-learning platform requires 6 days for EF, and 60 (20 trainees x 3 groups) flows PC-PC (to Belgrade) for 3 days stay and 2 days travel, and 6.2 Training of agronomists in extension services in communication and project proposals preparation skills requires 24 days for P9, P1 and P7, flows are counted in 6.1 since the training will be held 1 day by EF and 2 days by BSN and UT.

WP7 Pilot implementation of vocational courses will be lead by P4, consists of 2 activities 7.1 Implementation of classical pilot vocational courses and 7.2 Implementation of pilot web based vocational courses. Both activities will be held from M 23 to 35. For 7.1 - 60 days (2 days x 30 professors, 6 from each faculty implementing classical vocational courses) are needed and 30 AMS professors + 30 advisors = 60 flows PC-PC with 2 days stay and 2 days travel. For 7.2 - 60 days (2 days x 30 professors, 6 from each faculty implementing online vocational courses) are needed.

WP8 QPLN will be led by P5. Starting by Creation of the body for project QC, during the kick-off meeting in Belgrade with participation of all partners. 14 days are needed for P1-P13, travel costs



EU-PC and PC-PC are counted under 1.1. Next activity is in M 5-6, 14-15, and 17-18: Development of questionnaires for training courses evaluation - 20 days are needed for P7,8,9. Analysis of feedback questionnaires will be done in M 8-11, 17-23 and will need in total 40 staff days (4 persons x 10 days each) for P7,8,9. QA of vocational courses will be done by peer reviewing of courses by EU partners. For this 45 staff days are needed (3 x 15 days) for P11, 12, 13.

Questionnaires for vocational courses evaluation will be developed in M 22-23, 15 days are needed, and analysis of course feedback questionnaires from pilot implementation of vocational courses will be done from M 26 to 35, and it will require 30 days for P7,9.

WP9 Dissemination of project results will be led by P2. Dissemination plan will be adopted and target groups identified, during the kick-off gathering of all partners. Flows and staff days are counted under 1.1. Designing and maintenance of web-site of the project will be under P2 coordination from M1-36. Requires 34 academic+34 technical days=68 days for P2. Organizing other dissemination activities need 11 days for all Serbian partners. Publishing and dissemination of training manuals and guidelines in M 5, 10, 13, 14, and 17 will require for 30 teachers (6 from each faculty) 5 days each = in total 150 staff days for P1 – P5, and 10 days for P8 and 30 days for P9. Dissemination at Final conference in Novi Sad requires in total 12 days for all WP leaders + WP9 leader. Flows are calculated in 11.6.

WP10 Exploitation of project results will be led by P1, and start with Reaching agreement between faculties' managements on: maintenance of NaRA, recognition of teachers work in courses preparation, availability of NaRA content, and commercialization aspects. This will be on the occasion of the kick-off meeting. All flows are counted in previous WPs, plus 10 days for P1 for the UBFA secretary to draft the agreements. All flows are counted in previous WPs, plus 10 days for P1 for UBFA secretary to draft IPR agreement. Preparation for accreditation of vocational courses for AMS teachers requires 30 persons from faculties (5 faculties x 6 persons) = 30 staff days for accreditation documentation preparation. Preparation for certification of vocational courses for ES experts will need 30 persons from faculties (5 faculties x 6 persons) = 30 staff days for certification documentation preparation, and 6 days for IPN assistance.

WP11 Project management will be led by P1. Organizing kick off meeting and SC meetings in: Belgrade, Cacak and N. Pazar. For the kickoff flows are counted in 1.1. For the SC meeting in Cacak (M 12) flows are counted in 4.1. For the 3rd meeting in Novi Pazar 3 flows EU-PC for 3 days, and 10 flows PC-PC for 3 days are needed. In total, for this activity (11.1), 55 staff days are required. Establishment of SC and defining procedures of cooperation is the 2nd activity. For it flows are counted in 1.1, and staff days in 11.1. Activity 3: Daily project coordination and administration will require 27 staff days for project coordinator, secretary, and administrative staff. Meetings of the local project teams (11. 4) needs in total 66 staff days. Regular reporting to EACEA will requires in total 44 days (4 management, 32 academic, and 8 administrative) for P1. Organizing final conference in Novi Sad: 9 flows EU-PC, 3 persons from 3 EU, for 4 day stay and travel, 31 flows PC-PC, for 4 day stay and travel (P1, P3-P10), staff costs 10 days for P2, and 11 WP leaders – 11 days. Final SC meeting in Novi Sad: flows are counted in 11.6, and 14 days for SC members are needed. Financial Audit – expenditure for auditing are under Other costs.