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TeComp Sustainability -

How to keep TeComp results and relationships relevant after the project life?

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Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences

Programme: Erasmus +

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Action: Capacity Building in Higher Education

Acronym: TeComp

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Presentation overview

- 1st Q: How to define a project sustainability in the field of Higher education cooperation?
- 2nd Q: How to describe the sustainability of TeComp project?
- 3rd Q: Which factors ensure or hinder the sustainability of Tempus project?
- 4th Q: How to ensure realization of TeComp sustainability?

TECOMP SUSTAINABILITY PLAN?

AGREEMENT on educational, scientific and technical cooperation – joint work on the text! – moderators prof. Jelena Ignjatović and me



1. How to define a project's sustainability in the field of Higher Education cooperation?

Sustainability

A project is sustainable when it continues to deliver benefits to the project beneficiaries and/or other constituencies for an extended period after the Commission's financial assistance has been terminated [1].



All project activities and outcomes!

Just **relevant** project activities and outcomes



course that has implemented TeComp edu-tools, new Curriculum with TeComp additions, up-dating of new education tool, TeComp educational methodologies implementation, new courses based on TeComp educational strategies ..

[1] *Sustainability of international cooperation projects in the field of higher education and vocational training: Handbook on Sustainability*. Luxembourg: European Commission Directorate-General Education and Culture, 2006.



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2. How to describe the sustainability of TeComp project?

A practical way to describe achieved sustainability of TeComp project is to use the following two criteria:

1. Diversity and intensity of activities/outputs maintained or developed after the end of the funding of TeComp:

☐ Activities/outputs are maintained.

New accreditation procedures set through TeComp are implemented (activities) / a curriculum set through TeComp is still used (outputs)

☐ Activities/outputs are developed.

Needs are assessed annually (activities) / established training centre (like one in Niš through NETCHEM project) has developed new training sessions (outputs) (like EMI course through TeComp)

☐ Activities/outputs can be disseminated.

Creation of a web site presenting e-learning sessions and courses and CPD courses (activities) / Curriculum developed is included in existing courses in universities which do not belong to the initial consortium (outputs)



2. Intensity and enlargement of the cooperation:

- ☐ The **international** network is maintained.

partners take care of the follow-up: „AGREEMENT on educational, scientific and technical cooperation“

- ☐ The **local** network is maintained.

the universities meet regularly with the private local firms, companies, schools, etc. concerned.

- ☐ the initial network can be enlarged to incorporate other domains or entities.

new universities or research teams join the constituencies.



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An example of NETCHEM sustainability is new Center for Professional Development established at Faculty of Science and Mathematics University of Niš

Faculty of Science and Mathematics University of Niš set up Center for Professional Development that was officialy recognized in February 2019 and several courses were accredited since than.

Number of participants increases still.

The activities of the Center have also been diversified. **Through TeComp we included courses for development of HE pedagogical and methodological principles that can be offered to interested university colleagues through this Center.**

The Center has developed sound relations with actors in quite different fields of Natural Sciences.

The consoritum members may cooperate again on new Projects. Research links are maintaned.

The global assesment is higly positive and the results can be qualified as sustainable.



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CENTER FOR PROFESSIONAL DEVELOPMENT

The Center for Professional Development was established at the Faculty of Science and Mathematics, Nis, Serbia, on 12.02.2019.

The work of the Center is conditioned by the need to create an organisational presumption for the performance of Life Long Learning education.

The Center for Professional Development performs the following activities:

- development and implementation of trainings, Continuous Professional Development courses and modules, issuing certificates of completed training for the participants;
- organization of seminars and conferences dedicated to promoting the activities of the center and attracting new students;
- preparation and organization of workshops, courses and training for students and staff from faculties, universities, enterprises, etc.;
- coordination of cooperation with foreign universities within international projects in the field of Life Long Learning education;
- organization of training for acquiring competences from pedagogical, psychological and methodical disciplines, according to accredited programs;
- accreditation of Continuous Professional Development courses.



Faculty of Science and Mathematics, Nis, Serbia



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Accredited School

Centre for Professional development of University of Nis Faculty of Science and Mathematics, established Commission for accreditation of specialist course of continuous professional development:

"Instrumental Analytical Techniques in Environment and Food Safety Control"

- Jean Claude Tabet, Emeritus Professor, Sorbonne University, Paris (president)
- Anthony Mallet, Emeritus Professor, Kings College, London
- Stephan Leharne, Emeritus Professor, University of Greenwich, London
- Mirjana Vojinovic-Miloradov, Emeritus Professor, University of Novi Sad, Novi Sad
- Slobodan Milosavljevic, Emeritus Professor, University of Belgrade, Belgrade





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...regarding TeComp sustainability what has been done within the Center?

Modifications that are made by TeComp on Scientific-Teaching council of Faculty of Science and Mathematics in Nis, regarding scope of Center's work:

Education program for higher education teachers in the field of methodology and pedagogy of higher education teaching was added to previous version;

The process of accreditation of this program is carried out by the *Commission for accreditation of training programs for the education of higher education teachers in the field of methodology and pedagogy of higher education teaching*.

Accreditation of the program from this article is carried out if:

- 1) the program improves the knowledge, skills and expertise of the participants;
- 2) the program is based on the latest knowledge and achievements of the profession;
- 3) contributes to the improvement of the quality of professional work;
- 4) the topic, target group, type and duration of the program are clearly defined.



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3. Which factors ensure or hinder the sustainability of Tempus project?

Several sustainability factors could be defined in HE cooperation projects (these can be classified in two categories):

Project-level factors - elements of the project on which you have a direct influence. These include:

- a. Quality of project's design in meeting academic, professional and/or social needs
- b. Involvement of consortium members: sense of ownership and motivation
- c. Effective management and leadership: integration of outcomes into their institutions
- d. Active participation of the audience (direct target groups) in the project
- e. Capacity for securing adequate resources for continuation

Context-level factors - elements external to the project itself but that you may influence somehow (i.e. the national support).

These cover:

- a. Academic and/or Institutional support
- b. National support
- c. Socio-economic support



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4. How to ensure sustainability of TeComp project?

The sustainability of the TeComp Project will cover three areas:

1. Continuation of activities from the active period of the Project realization;
2. Providing financial resources for the implementation of these activities;
3. Confirmation of the mutual interest of the project partners in the continuation of cooperation expressed in the “Agreement on educational, scientific and technical cooperation”.



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1. Continuation of activities from the active period of the Project realization

A) TeComp Project Web Pages

TeComp Project web pages will remain active at least 5 years after the end of funding. Their updating will be ensured, within the dates as needed. All activities realized during this period (which will be defined further) will be announced there.

Responsibility: University of Niš

B) TeComp Platform – Learning key platform

It will be kept fully operational using data collected during the realization of the Project and 5 years after.

Responsibility: University of Niš

C) Modernized Courses based on using TeComp methodologies

The courses modernized and/or developed during the TeComp Project are one of main deliverables.

Responsibility: All HEIs in PC

D) CPD courses

CPD courses will after the end of Project funding continue to be offered to professional public, but as paid service, i.e. with registration fee. It is supposed that these money will be the main source of finances necessary to keep the sustainability activities operational.

Responsibility: All project partners

..... Something else?



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2. Financial Plan for the Sustainability

To assure activities of the TeComp Project after the end of funding following sources of money will be used:

Registration fee from organization of CPD courses

The organization of CPD courses developed during active part of the TeComp Project realization will continue after the end of Project funding, but the participants will pay the attendance fee covering the costs associated with the course realization and the profit that will be used to cover the costs related to sustainability.

..... Something else?

The sum of money collected as registration fee will be divided to three equivalent parts, which will be used (i) to cover the organization expenses; (ii) honorary for speakers; (iii) money for Project sustainability.



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3. Agreement on educational, scientific and technical cooperation

Before the end of active period of the Project it is expected that all project partners will sign Agreement for all Project partners.

...in the following slides mutual work on the text