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DEVELOPING HEALTH SCIENCE AND SOCIAL SERVICE TEACHERS' PROFESSIONAL COMPETENCE AND CONTINUOUS EDUCATION

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Background

- Teachers in the field of health sciences and social service need good pedagogical, research, international, networking and leadership skills in addition to mastering the subject area of teaching (Salminen et al. 2013, Töytäri et al. 2016).
- Teachers ought to be able to work with ease within digital learning environments, they need competence in professional cooperation, evidence-based practice and self-directed leadership.
- Teaching in the field of health science and social service has not been studied with a multidisciplinary approach from the perspectives of these disciplines.
- In this project, both degree programmes and continuing education offered within the field are renewed and reformed through an interdisciplinary approach, working together with those educating health science and social service teachers and with teacher candidates.

Background

According to the latest evidence, the professional competence of teachers who perform their duties in higher education include:

- curriculum planning, implementation and evaluation;
- having substantial theoretical and practical knowledge, and the skills that are relevant for working life;
- creating and applying evidence-based knowledge;
- management and leadership of people and organisational issues;
- pedagogical competence in theories of education, learning and evaluation;
- digital competence in varied teaching environments;
- generic skills including critical thinking, communication, collaboration and decision-making;
- ethical professional conduct;
- continuous professional development
- international collaboration in global partnerships

(University of Applied Sciences Act 2014/932, WHO 2016, European Commission 2017, Ethical Principles for the Teaching Profession 2017, OECD 2017, National Qualifications Framework 2017; Witchger Hansen 2015)

Aim of the project

To develop the national competencies

To develop the model for continuous education

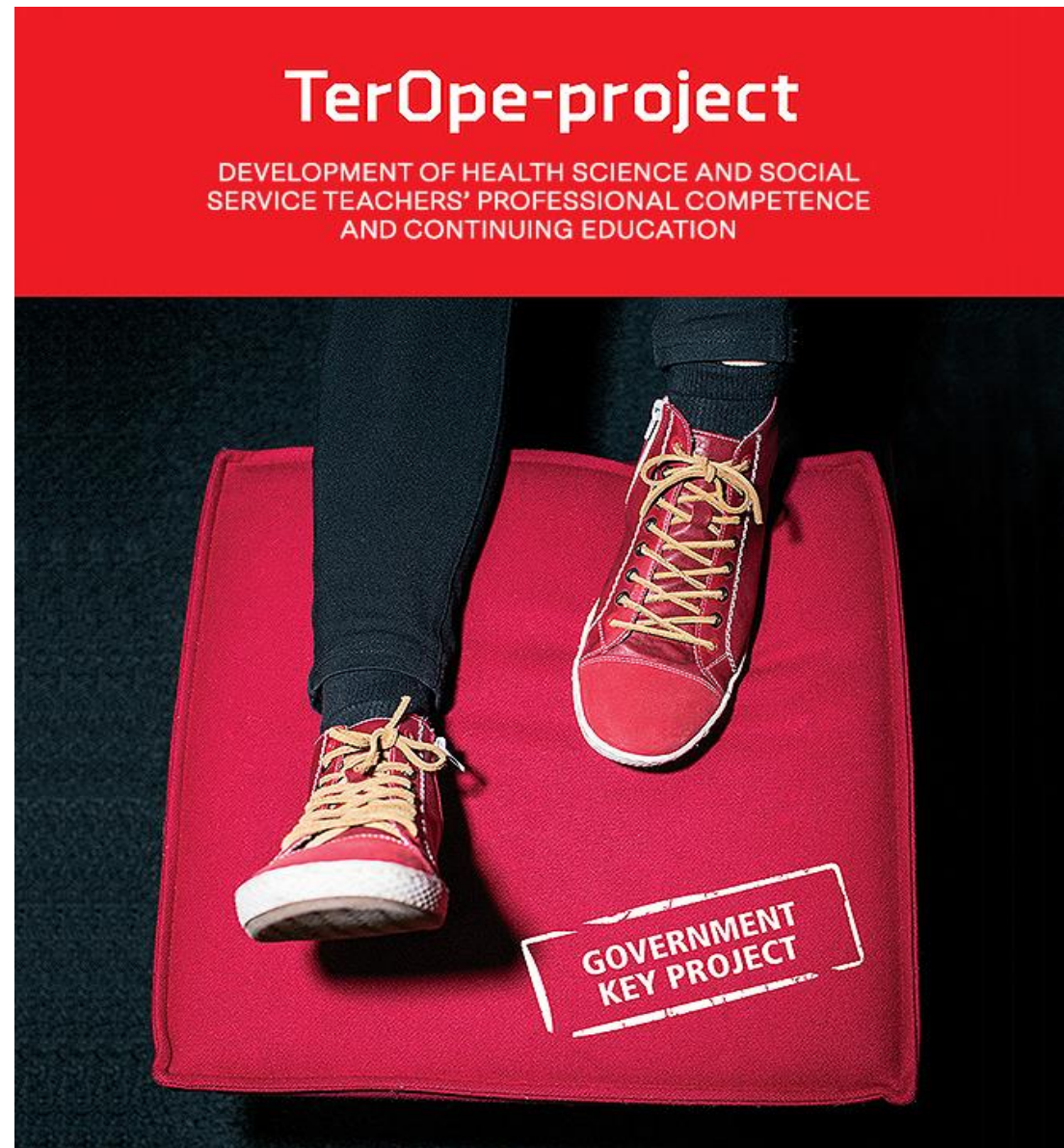
To develop digital study module

To improve multidisciplinary digital networking

➤ for health science and social service teachers

<https://teropehanke.wordpress.com/>

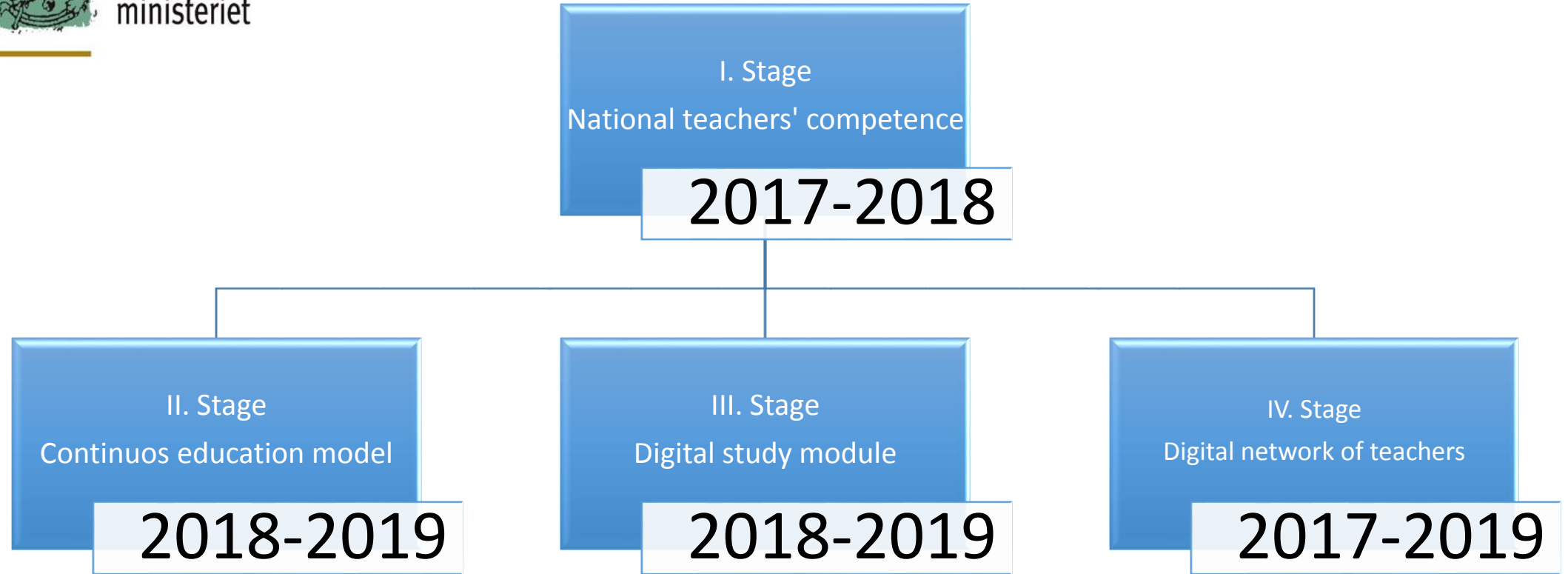
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I. Stage- National health science and social service teachers' competence

The aim is to chart the current level of teachers' competence in the field of health science and social services, define the national competence requirements and integrate the required competencies into teacher education in health sciences and social services.

Sub-stages:

- i. Definition of teachers' competence (two systematic reviews)
- ii. Description of teachers' competence (interviews of teachers, leaders and teacher candidates (n=85))
- iii. Testing of teachers' competence (cross-sectional study (n=1687) CompHeSoTeacher scale)
- iv. Competence integration into curriculum and piloting

II. Stage- Continuous education model

The aim is to create a competence based model of continuous education for novice and experienced teachers within the fields of health science and social service

Sub-stages:

- i. Description of needs for continuous education (interviews of teachers, leaders and teacher' candidates (n=85)
- ii. Exploring perceptions on continuous education (cross-sectional study (n=1687), TerProDe scale)
- iii. Development of a model for continuous education

III. Stage- Digital learning module

The aim is to develop research based, multidisciplinary and digital learning module for health science teacher education and health science and social service teachers' continuous education

Sub-stages:

- i. Description of digital learning interventions for teachers (integrative review, interviews of teachers, leaders and teacher' candidates n=85, cross-sectional study (n=1687), DigCompEduF scale)
- ii. Development of a digital learning module with learning materials (expert panels)
- iii. Effects of the digital learning module to teachers' competence (interventional study)

IV. Stage- Digital health science and social service teachers' network learning module

The aim is to improve interdisciplinary abilities, national and international cooperation and professional support and cooperation via digital networking of both teachers and teacher candidates within the fields of health science and social service

Impact of the Project Outcomes

Competences of health science and social service teachers ensure the quality, comparability, consistency and cooperation for teacher education in health science.

The national competences will be included in the university curricula and continuous teacher education programs.

The continuous education model will provide further competence development and professional growth for teachers.

The digital learning module will increase and unify national teacher cooperation, competence in digitalization and multidisciplinary abilities.

THANK YOU!

Any questions...



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