D2.1 Teacher training handbook

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1 Executive Summary

The scope of this deliverable is to present the teacher professionalization approach around the theme of formative (e-)assessment of 21st century skills as adopted by the PREATY project. It is meant to inform teacher trainers that are active within primary and secondary schools settings as well as interested teachers on 21st century skills and formative (e-)assessment concepts, professionalization methods and activities as well as implementation opportunities within a school setting. Usable and feasible training resources around formative e-assessment are collected and/or developed and we describe how these training resources can be used for the need of local training workshops. The resources as well as the handbook itself are developed incrementally and will be continuously updated until the end of the project. The handbook builds upon the inventory work done in WP1 of PREATY. In the course of the project the handbook will be completed, enriching it with the expertise of the PREATY partners.

Chapter 2 is an introductory chapter where the three main concepts of the project are introduced: 21st century skills and key competences, formative assessment and e-assessment. The purpose of this chapter is to sketch the playing field of the handbook.

Chapter 3 covers two themes: (a) need assessment, describing methods and tools that can be used to make an inventory of the current state of problems and needs in primary and secondary schools and (b) implementation strategies especially focused on formative e-assessment.

The purpose of this chapter is to make the reader aware of the first steps that have to be taken in the process of designing professionalization trajectories for teachers.

Chapter 4 explores what formative assessment is about. It first defines formative assessment and then analyses building blocks or activities related to formative assessment. Nine methods are listed that prove to be important and efficient in this context. The chapter concludes with some challenges about formative assessment indicating that more research, especially regarding formative assessment in the context of primary and secondary schools, is needed. The purpose of this chapter is to describe the outcomes of research about formative assessment.

Chapter 5 focuses on formative e-assessment. It describes the use, benefits and motives of formative e-assessment. This chapter lists the tools that are discussed in WP1 Deliverable 1.1. The purpose of this chapter is to give an overview of the actual use of formative e-assessment in primary and secondary schools and to give an
overview of the tools that are usable within these context and inventoried in the PREATY project.

Chapter 6 gives an outline of the PREATY approach to formative (e-)assessment and sketches principles for professionalization. The purpose of this chapter is to provide the reader with tools to design a professionalization strategy or-event.

Chapter 7 gives examples of workshops. Here a short description can be found on the workshops organized in the context of the project and the resources used within these workshops.