



Deliverable D6.1 Summary

NEWTON is currently designing and developing innovative technologies inspired by new pedagogical approaches to enhance the learning of diverse types of students, with varying needs, ages, levels, capacities, etc. The idea is that those technology-enhanced teaching approaches will be deployed in large-scale pilots, where their impact on learning can be assessed. This document is the first deliverable of WP6 – Pedagogical Assessment, and its main goal is to formulate a methodology to assess and evaluate the outcomes of the NEWTON large-scale pilots.

Based on NEWTON's Description of Action (DoA), it is important to clarify that, although the original title of this deliverable is "*Work Plan - Details of the scheduled procedure for large-scale Pilots*", within WP6 the scope is limited to establishing the procedure for **evaluation and assessment of the large-scale pilots**, as the actual organization (scheduling) of pilot activities is performed within WP7 (T7.2 Large-scale pilots coordination and T7.3 Use Case Definition and Implementation).

Additionally, WP6 focuses on the Pedagogical Assessment of the pilots to draw conclusions regarding the impact of the NEWTON solution and approach. However, it must be clear that all aspects related to the technical assessment of the platform are considered in WP7 (T7.4 Performance Evaluation and T7.5 Usability Evaluation). Moreover, to avoid overlaps between user satisfaction and user experience evaluation to be performed in WP6 and usability evaluation which is a WP7 deliverable, the partners have agreed to make the distinction as clear as possible.

Another concern partners had with the description of WP6 and the content of the associated deliverable was to avoid duplication of 'evaluation of users with disabilities', which is clearly the focus of T6.4 but repeatedly mentioned in all tasks. As this deliverable covers all dimensions of the pedagogical assessment, consequently it contains inputs from T6.4 regarding the metrics and methods for the evaluation of disabled learners. *Deliverable D6.3 - Evaluation of Users with Special Educational Needs* will focus uniquely on the results of the disabled users' evaluation and *D6.4 - Evaluation of NEWTON usage* will take into account those results to assess the overall impact of the NEWTON platform.

Finally, the present document, and in particular the Work Plan part, is to be considered as initial, and will evolve according to the large-scale pilot characteristics. The reason for this refinement is that this deliverable depends on activities carried out in both T6.1 and T6.2 (as well as T6.3 and T6.4).

Therefore, this deliverable presents a preliminary generic plan for the pilot assessment and evaluation based on the theoretical assessment framework. It includes some examples of the methods and tools that may be used to capture information and data as well as initial recommendations regarding the data to be gathered, the comparisons that will be relevant to assess impact, etc. However, the plan needs to be adapted to the large-scale pilots' characteristics and limitations. Consequently, based on a deeper insight from the pilot sites, it is subject to change and modifications as the project progresses.