**INTRODUCTION**

A portfolio is a web-based learning environment, used to collect organizing a learning history, showing evidence of individual work. PLE integrates self-assessment tools within an e-portfolio environment.

**E-portfolio**

**PLE**

**DUAL AIM**

The dual aim is to discover students’ perceptions about the effect of an e-portfolio with an integrated PLE in the development of cross-cutting competencies.

**RESULTS**

**Perspective of skills development**

**Method**

The main skills functions are the planning, the academic tasks, the teaching portfolio and dialogue with the teacher.

**Questionnaire (Likert)**

**Sample**

**University of Barcelona**

**Women students**

**Conclusions**

**Learning activities have been linked to higher-level cognitive functions, which are much more related to planning now than before the use of the electronic portfolio.**

**The improvement in the reflection perception leads to the conclusion that the self-delivery functions have been managed in a balanced way with self-development functions.**

**The development regarding cross-cutting skills has not been directly reflected in the obtained qualifications.**

**Overall, the use of a dedicated portfolio environment (+PLE), along with the didactic-method adopted, indicates a substantial improvement of students’ perception on how some technical-pedagogical configurations help them and improve some of the key competencies.**