

CONTRIBUTION TO TECHNOLOGY INNOVATION FROM OPEN EDUCATIONAL RESOURCES



MOTIVATION

OER AND EDUCATIONAL TECHNOLOGY

"... Everyone can innovate, but we must do on important and not interesting issues. We must solve real problems in the region ..." [1]

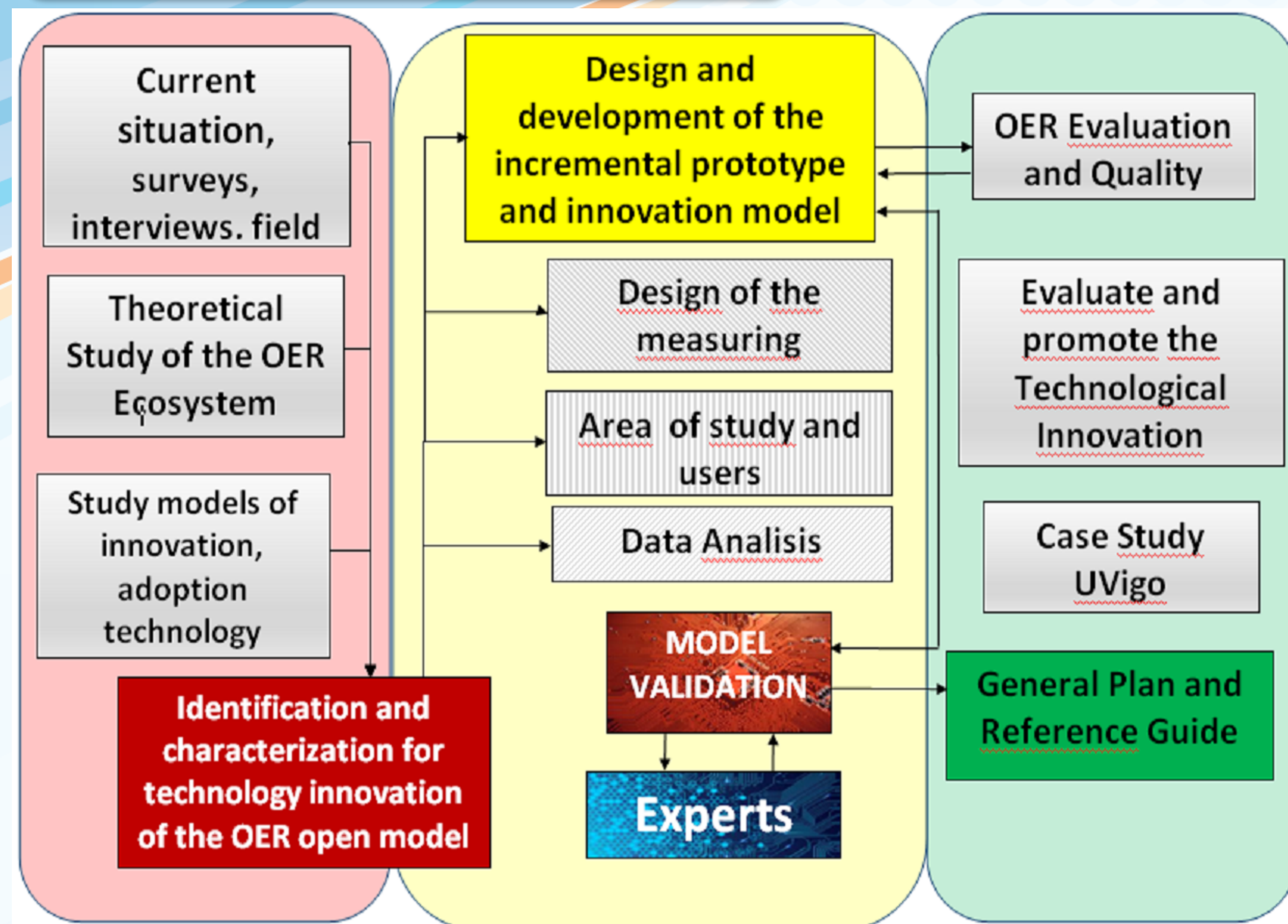
"....There is an unresolved dichotomy of how to integrate technologies in education" [2]

"...Further research is claimed to improve expectations and use of ICT in this sector..."[3]

"...Recent research states that although OER are present more than 10 years ago, are in infancy stage..."[4]

- What's does happen with innovations and projects related to OER?
- How can we promote technological innovation among teachers based on the OER open education model?
- How does the adoption of the OER ecosystem influences in educational innovation?

RESEARCH PLAN



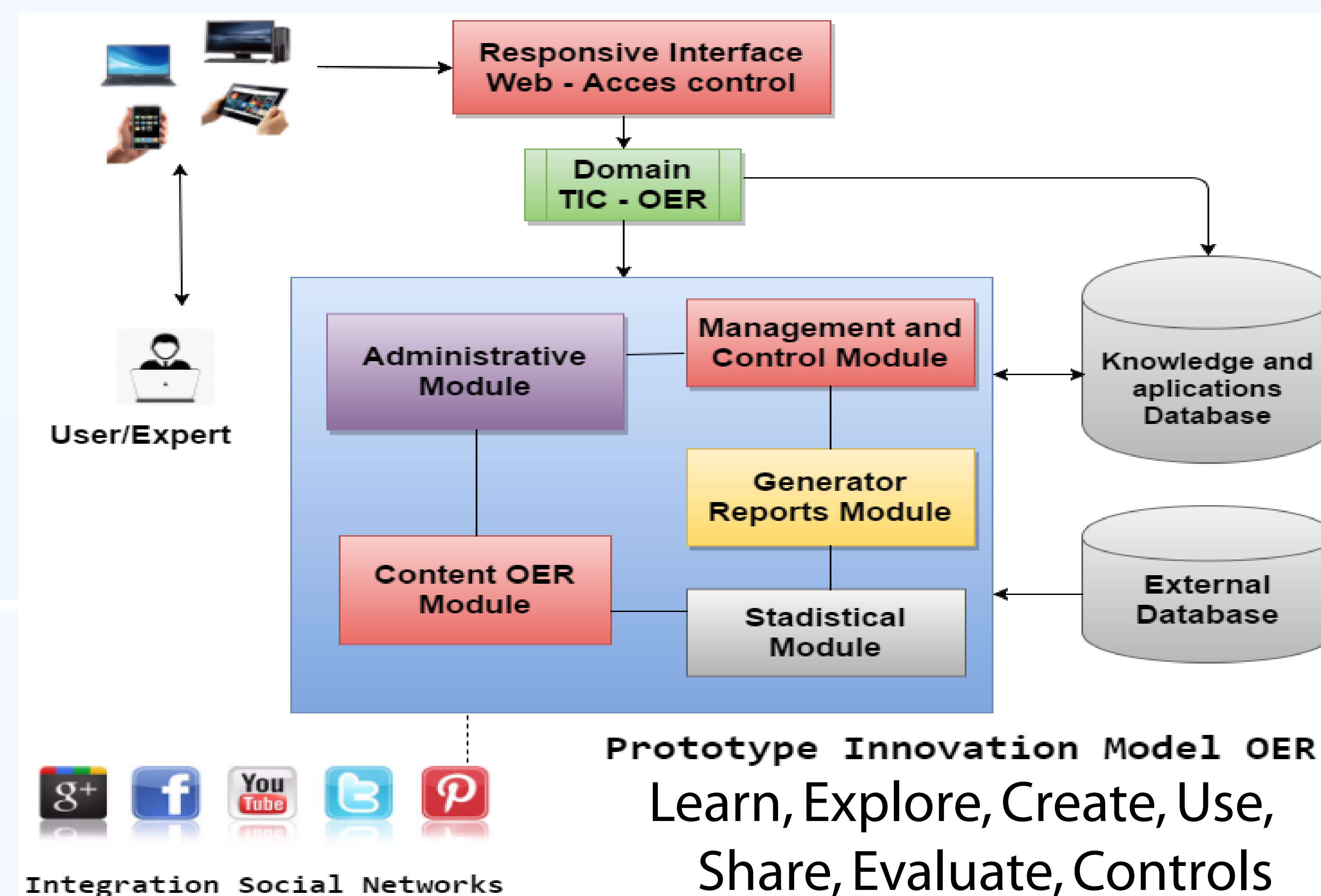
GIST - Social Management of Open Educational Resources

OBJECTIVES

Develop an information system to promote technological innovation of teachers based on the OER adoption of open education model.

Make a diagnosis of the current situation and knowledge about the ecosystem of the OER that teachers have in higher education

Evaluate and share knowledge generated, beyond quantitative data, with all stakeholders: teachers, academics, researchers, businesses and society in general.



SCHEDULE



PRELIMINARY RESULTS: OER ECOSYSTEM

CONTENTS

TOOLS

RESOURCES



PAPERS PRESENTED AT CONFERENCES

- [1] España C., Caeiro M., (2016) OER: Proposal for efficient use of OER in Higher Education, presented in the X International congress (Exclusão Digital) [Conference Proceedings of the 10th International Conference on Digital Exclusion in the Information and Knowledge Society], Lisboa
- [2] España C., Caeiro M. (2016) Contributions to the development of the Open Educational Resources Ecosystems presented at the II Doctoral Conference, Murcia University

REFERENCES

- [1] Thiers, E. (2015). CORFO. *Universidad de Stanford capacitan al Ecosistema de Innovación Regional de Antofagasta*. Retrieved June 6, 2016, from <http://www.corfo.cl/sala-de-prensa/noticias/2015/febrero-2015/universidad-de-stanford-capacitan-al-ecosistema-de-innovacion-regional-de-antofagasta>
- [2] Watson, D. M. (2001). Pedagogy before technology: Re-thinking the relationship between ICT and teaching. *Education and Information technologies*, 6(4), 251-266.
- [3] Reynolds, D., Treharne, D., & Tripp, H. (2003). ICT—the hopes and the reality. *British journal of educational technology*, 34(2), 151-167.
- [4] Weller, M., de los Arcos, B., Farrow, R., Pitt, B., & McAndrew, P. (2015). The impact of OER on teaching and learning practice. *Open Praxis*, 7(4), 351-361.