

CONTRIBUTION TO BUSINESS MODEL AND EFFICIENCY OF EDUCATION BASED ON ICT'S

Universidade de Vigo

AUTHOR : BRAIS BLANCO RODICIO

THESIS DIRECTOR: MARTÍN LLAMAS NISTAL

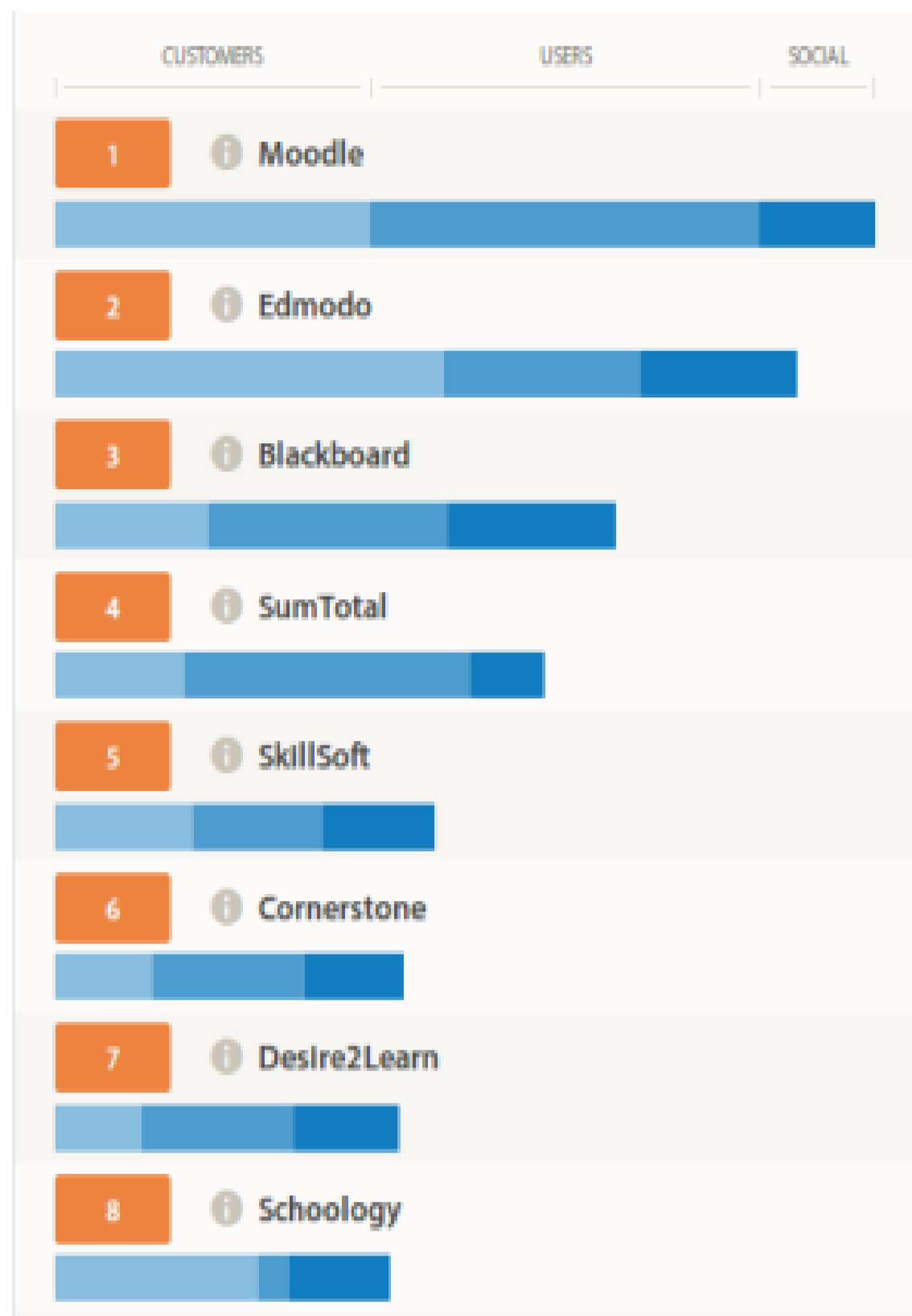
AFFILIATION: COMPUTER SCIENCE AND NETWORKING (IT)

VIGO 2013/14



Escuela de Enseñaría de Telecomunicación

MOTIVATION



BUSINESS STRATEGIES LMS

- Open Platforms : Moodle, Sakai
- Private Platforms: Blackboard, Desire2Learn
- Social Platforms: Edmodo, Schoology
- Cloud Platforms: Instructure



2015 → 100.000 M€

	USA	EU-27	SPAIN
	50%	25%	32%

OBJECTIVES

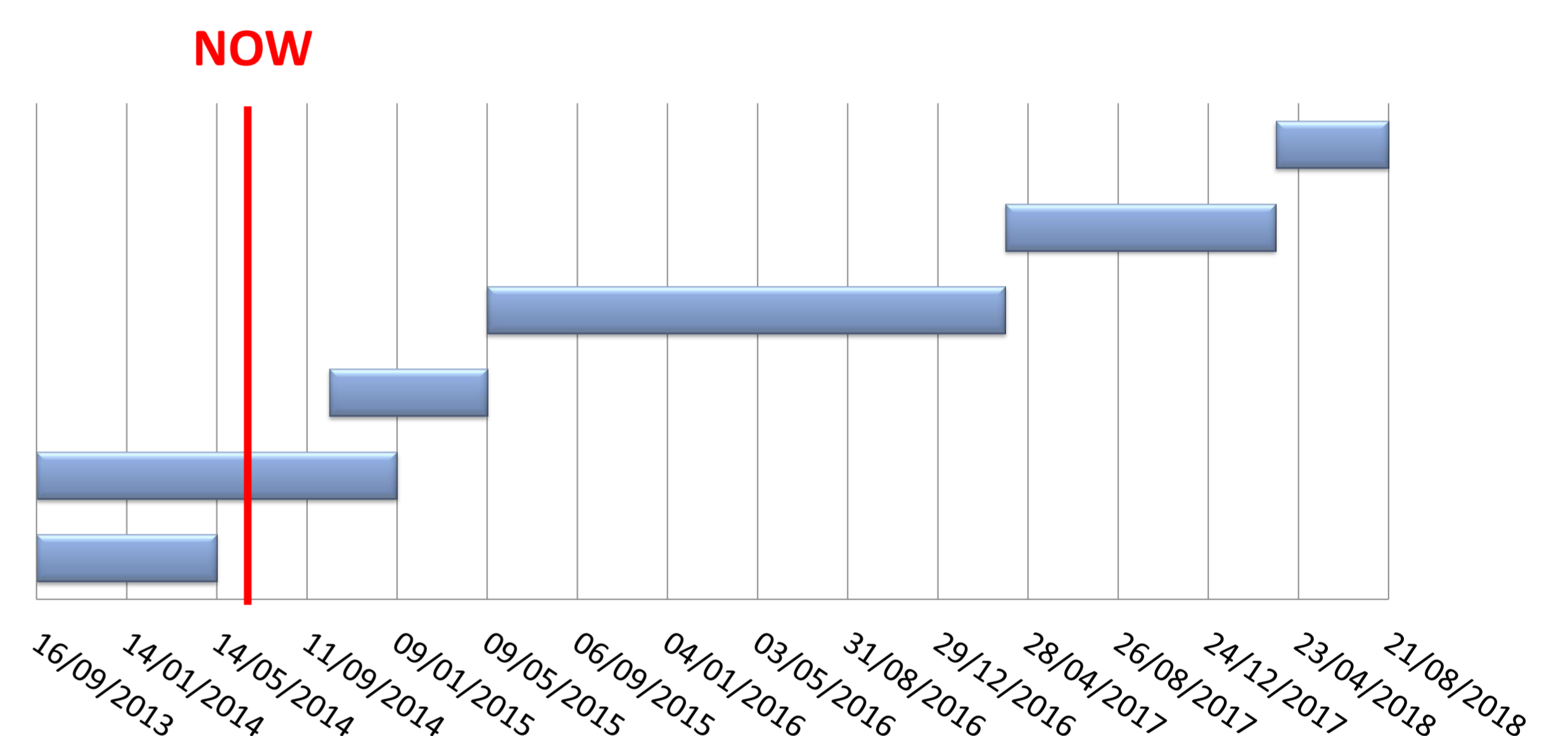
OBJECTIVE 1: Contribute to the creation of a sustainable business model over time where the educational models based on ICT's, tools and contents are integrated.

OBJECTIVE 2: Contribute to increasing the e-learning efficiency by focusing on user needs and reducing development and teaching costs.

RESEARCH PLAN



- EDUCATIONAL COMPLEMENTS
- STUDY OF THE STATE OF THE ART
- REVISION AND PRECISION OF OBJECTIVES
- INVESTIGATION DEVELOPMENT
- RESULTS DISSEMINATION
- THESIS WRITING



FIRST YEAR



NEXT YEAR

STATE OF THE ART OF ADAPTATIVE LEARNING PLATFORMS

REVISION AND PRECISION OF THE OBJECTIVES

INVESTIGATION DEVELOPMENT

REFERENCES

- Britain, S. (1999). *A Framework for Pedagogical Evaluation of Virtual Learning Environments*
- Capterra. (2012). Top LMS Software
- Chambers, J. A., & Bork, A. (1980). Computer Assisted Learning in U.S. Secondary/Elementary Schools. *Association for Computing Machinery*.
- Education Growth Advisors. (2013a). Learning to adapt: Understanding the Adaptive Supplier Landscape.
- Grupo de Investigación de Tecnología Educativa - Universidad de Murcia. (2013). Campus Virtuales de Software Libre en Universidades Españolas.
- Johnson, L., Adams Becker, S., Cummins, M., Estrada, V., Freeman, A., & Ludgate, H. (2013). NMC Horizon Report: 2013 Higher Education Edition. Austin, Texas: The New Media Consortium.
- Khan Academy. (2013). Khan Academy API Explorer.
- Paulsen, M. F. (2002). *Online Education Systems: Discussion and Definition of Terms* (pp. 1–8).
- SCOPEO. (2013). SCOPEO INFORME No . 2: MOOC: *Estado de la situación actual , posibilidades , retos y futuro*.
- Siemens, G. (2005). Connectivism: A Learning Theory for the Digital Agee.
- Watson, W. R., & Watson, S. L. (2007). What are Learning Management Sysems, What are They Not, and What Should The Become, 51(2), 28–34
- Yuan, B. L., Powell, S., Yuan, L., & Cetis, J. (2013). MOOCs and Open Education : Implications for Higher Education A white paper.