

**Longarela-Ares, Ángeles**  
University of A Coruña  
Nationality: Spanish

Orientation: Technological Progress, Engineering and Business Management  
Specialization Area: Management & Law of the sea  
Research Area: 4.8 Financial Assessment and Planning



**PhD project: Financing of innovation in energy management and energy production in maritime sector in the EU and economic impact**

**Supervisors:** Dr. Anxo Calvo-Silvosa (University of A Coruña)

**Summary:** This PhD project focuses on analysing and assessing the main factors that influence the investment in innovative and energy efficiency measures, especially barriers of an economic nature or with implications of this type, such as: funding, financing or the lack of access to capital and other related issues (viability, profitability, risks, etc.), split incentives, asymmetric information and agency problems that affect investment decisions. These issues will be applied to the maritime sector, particularly to maritime shipping, since one of its current challenges is to increase energy efficiency, improve energy savings and reduce harmful emissions. Moreover, attention will be given to the economic consequences that the development and implementation of innovative and energy efficiency measures can have on the maritime sector. It will also consider ways to soften or overcome the studied barriers through appropriate strategies, recommendations and policy implications in the field.

