



Università Ca'Foscari Venezia

PROJECT ACRONYM AND TITLE: ENERGYA- ENERGY use for Adaptation

FUNDING PROGRAMME: HORIZON 2020

CALL: ERC-2017-STG (Call for proposals for ERC Starting Grant)

SCIENTIFIC FIELD: Environmental and climate change, societal impact and policy, energy

HOST DEPARTMENT: Department of Economics

SCIENTIFIC RESPONSIBLE: Enrica De Cian

FINANCIAL DATA:

Project total costs	Overall funding assigned to UNIVE
€ 1 495 000	€ 1 495 000

ABSTRACT:

ENERGYA will improve our understanding of how energy and energy services can be used by households and industries to adapt to the risk posed by climate change. Specifically, the project will develop an interdisciplinary and scalable research framework integrating data and methods from economics with geography, climate science, and integrated assessment modelling to provide new knowledge concerning heterogeneity in energy use across countries, sectors, socioeconomic conditions and income groups, and assess the broad implications adaptation-driven energy use can have on the economy, the environment, and welfare. The key novelty of ENERGYA is to link energy statistics and energy survey data with high spatial resolution data from climate science and remote sensing, including high-resolution spatial data on meteorology, population and economic activity distribution, electrification, and the built environment.

ENERGYA has three main objectives. First, it will produce novel statistical and econometric analyses for OECD and major emerging countries (Brazil, Mexico, India, and Indonesia) to shed light on the underlying mechanisms driving energy use.

Planned Start date	Planned End date
01/03/2018	28/02/2023

BENEFICIARY:

Università Ca' Foscari Venezia

Venice (IT)