ICoRSA Forum on Precarity
12/1/2024    Lisbon, Portugal
Gordon Dalton
Coordinator of SECURE, PLOCAN, Gran Canaria
Personal Introduction

- Senior researcher in PLOCAN Gran Canaria
- Ocean renewable energy economics and business
- Grant write proposals
- Coordinate proposals
  - SECURE
  - OPUS
  - H2Heat
  - PHAROS

Las Palmas
PLOCAN has a unique multipurpose technological ecosystem in the marine environment, designed for effective environmental protection.

The oceans cover 70% of the planet’s surface and must be managed responsibly and sustainably.

Ideally located, the PLOCAN test site has optimal environmental conditions for year-round operation.

- Logistics and infrastructure
- Sensing and monitoring
- 23 km² test site
- Wind power density 350-400 W/m²
- Wave power density 4-8 Kw/m
- Multipurpose infrastructure
- Depths between 0 and 600 m
- Continuous environmental monitoring

PLOCAN accelerates new technologies to market.

The development of new technologies creates new jobs.

Job creation

Operation sensing and monitoring ensures respect for the environment.

Respect for the environment

Attracting investment

With more than 50 European projects, PLOCAN is a unique space for new business opportunities.
2018: EU H2020 SwafS14 RRING project: www.rring.eu
- Responsible Research and Innovation network globally
- The project is a 3 year RIA, ended 2021
- 22 partners, 18 countries, 6 subcontractors. UNESCO is the lead partner

2019: EU H2020 SwafS5 GRRIP project: www.gripp.eu
- Grounding Responsible Research and Innovation in RPO
- 4 years Project commenced in Jan 2019, end 2022
- 12 partners, €1.5M

2022 ERA45 OPUS project
- Assessment of research and researchers at Research Performing Organisations (RPOs) and Research Funding Organisations (RFOs) towards a system that incentivises and rewards researchers to practise Open Science
- 15 partners. €1.5M
- 3 years, Start date September 2022
ICoRSA European projects participation

2022 ERA50 RAISE project [www.secureproject.eu]
- 6 partners - €1M.
- 2 years - Start date January 2023
- Regions’ Alliances for Interconnected Start-up Ecosystem - foster start-up growth and scale-up across Europe

2023 ERA50 SECURE project [www.secureproject.eu]
- 15 partners - €1.5M.
- 2 years - Start date January 2023
- Revision of the European Framework for Research careers, and Tenure Track like models

2023: CL5-D3-02-03 H2heat project: [www.h2-heat.eu]
- Innovative Hydrogen renewable energy carrier production for commercial building heating – a full supply chain Demonstration
- 5 years - Project commenced in September 2023.
- 12 partners, €13M
What is Research Precariat

• The Research Precariat can be defined as the population of researchers with a doctoral degree that hold temporary positions without any commitment to renew their positions or transform those positions into long-term or permanent contracts.

SECURE project Introduction

- HORIZON-WIDERERA-2022-ERA-01-50: Improve career development and solve part of the precarity of research careers in academia


- The EU contribution award is €1.5 million.

- The project is 2-year duration. Project start date Jan 1 2023.
Sustainable Careers for Researcher Empowerment

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SECURE Objectives

1. Creation of a common academic researchers’ career structure and framework, to ensure researcher career progression and reduce precarity.

2. Develop TT like systems and models, option and tracks that will be incorporated into the career framework. (in particular learn from German DFG funded TT systems)

3. Trial the Framework and novel TT models on a range of RPO, and ESCO will be used to measure the success of TT implementation.

4. Policy briefs
Methodology

WP6 – Project Coordination and Data Management
WP7 – Dissemination, Communication, and Exploitation

WP1
State-of-the-Art
Conduct a comprehensive SoA on research careers

WP2 & WP3
RCF & TTL Models
Develop the SECURE RCF and TTL models

WP4
Implementation
Trial aspects of the RCF and TTL models

WP5
Mainstreaming
Develop policy briefs, mainstream the RCF

Feedback loops
The Career Pyramid
With permanent TT

Research Prof
Tenure Track
Core funds

Research Prof
Tenure Track
Soft funds

Academic Track

Senior

Fellow

Junior and Senior postdoc

Industry posting as part of postdoc

Soft funding for Industry posting as part of postdoc

Core funding by Universities or Government HEA or Special soft funds

Soft funded 7 years contracts. PI or senior researcher applies

EXIT Research
Without PI funding, Exit to external employer only option

Proposed Funding mechanisms

Junior and Senior postdoc

Industry

Senior lecturer

Junior lecturer

1% ??

9% ?

90%

10%
Thank You