ICORSA
INTERNATIONAL CONSORTIUM OF RESEARCH STAFF ASSOCIATIONS

SECURE
Sustainable Careers for Researcher Empowerment

ICoRSA Forum on Precarity

12/1/2024 Lisbon, Portugal

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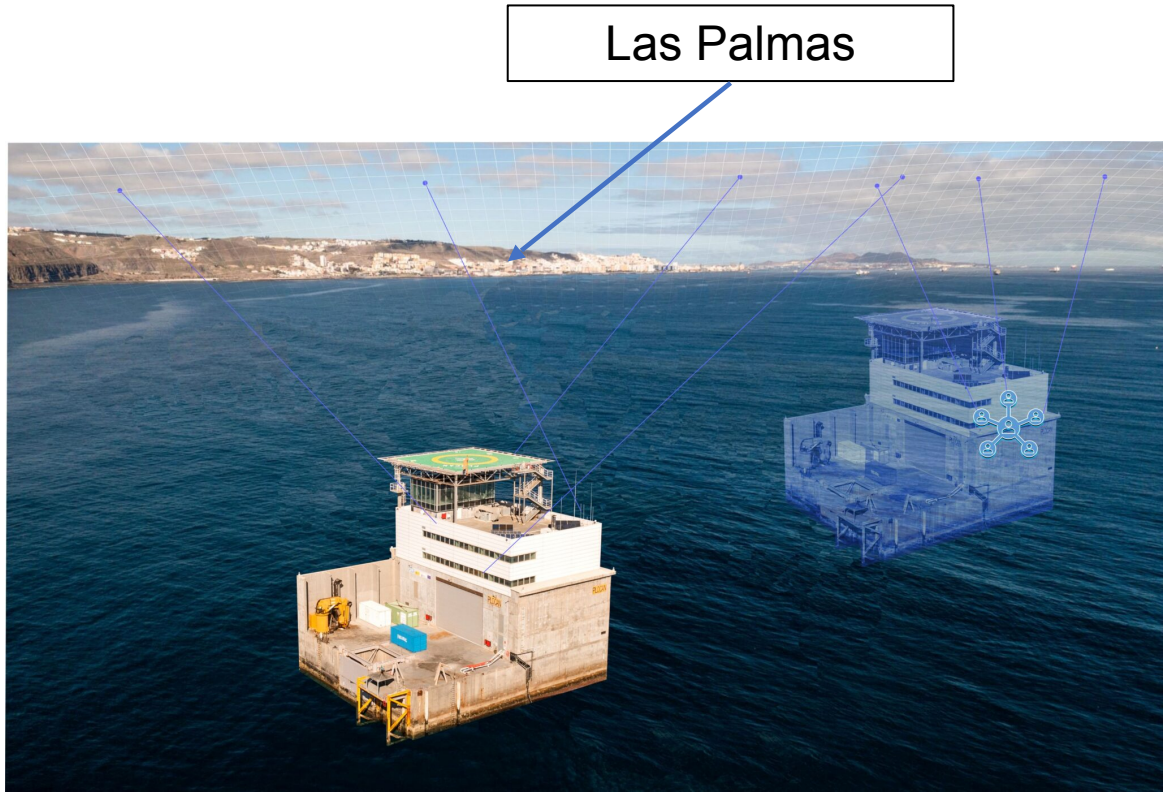
Coordinator of SECURE, PLOCAN, Gran Canaria

Co-funded by the European Union

Personal Introduction

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



PLOCAN
Marine Test Site

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

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

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

- Logistics and infrastructure
- Sensing and monitoring
- 23 km^2 test site
- Wind power density: 300-400 W/m^2
- Wave power density: 4-8 Kw/m
- Multipurpose infrastructure
- Depths between 0 and 600 m
- Continuous environmental monitoring

Technology acceleration

PLOCAN **accelerates new technologies** to market.

Job creation

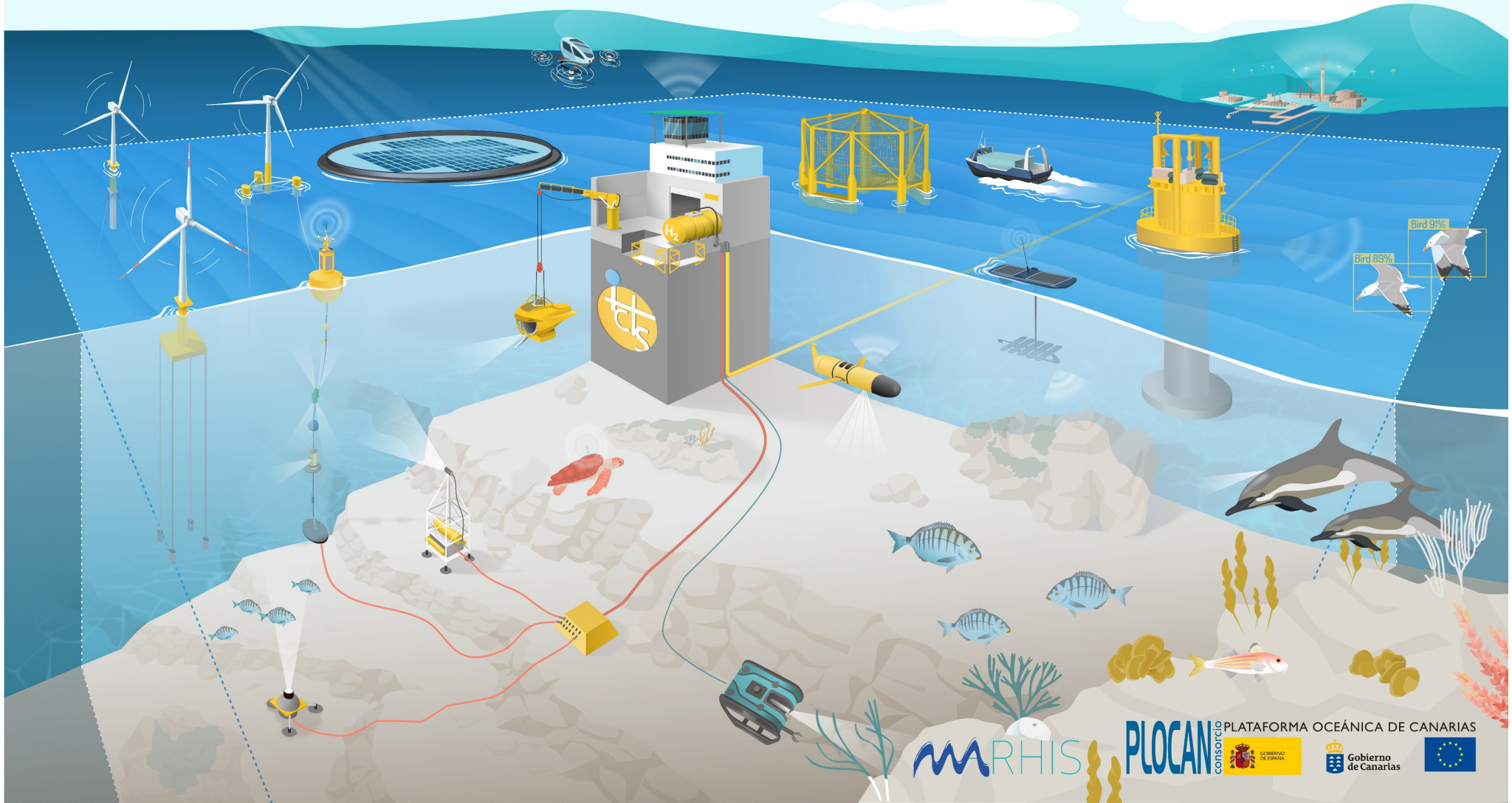
The **development of new technologies** creates new **jobs.**

Respect for the environment

Operation sensing and monitoring ensures respect for the environment.

Attracting investment

With more than 50 European projects, PLOCAN is a unique space for **new business opportunities.**



European projects participation

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.grrip.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 Precariaty

- 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.

(OECD http://www.oecd.org/sti/science-technology-innovation-outlook/research-precariat/)

SECURE project Introduction

- HORIZON-WIDERA-2022-ERA-01-50: Improve career development and solve part of the precarity of research careers in academia
- https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-widera-2022-era-01-50
- The EU contribution award is €1.5 million.
- The project is 2-year duration. Project start date Jan 1 2023.

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1	Belgium	5
2	France	2
3	Austria	1
4	Croatia	1
5	Cyprus	1
6	Germany	1
7	Hungary	1
8	Ireland	1
9	Portugal	1
10	Romania	1
11	Serbia	1
12	Spain	1
13	UK	1
	Grand Total	18

secureproject.eu

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

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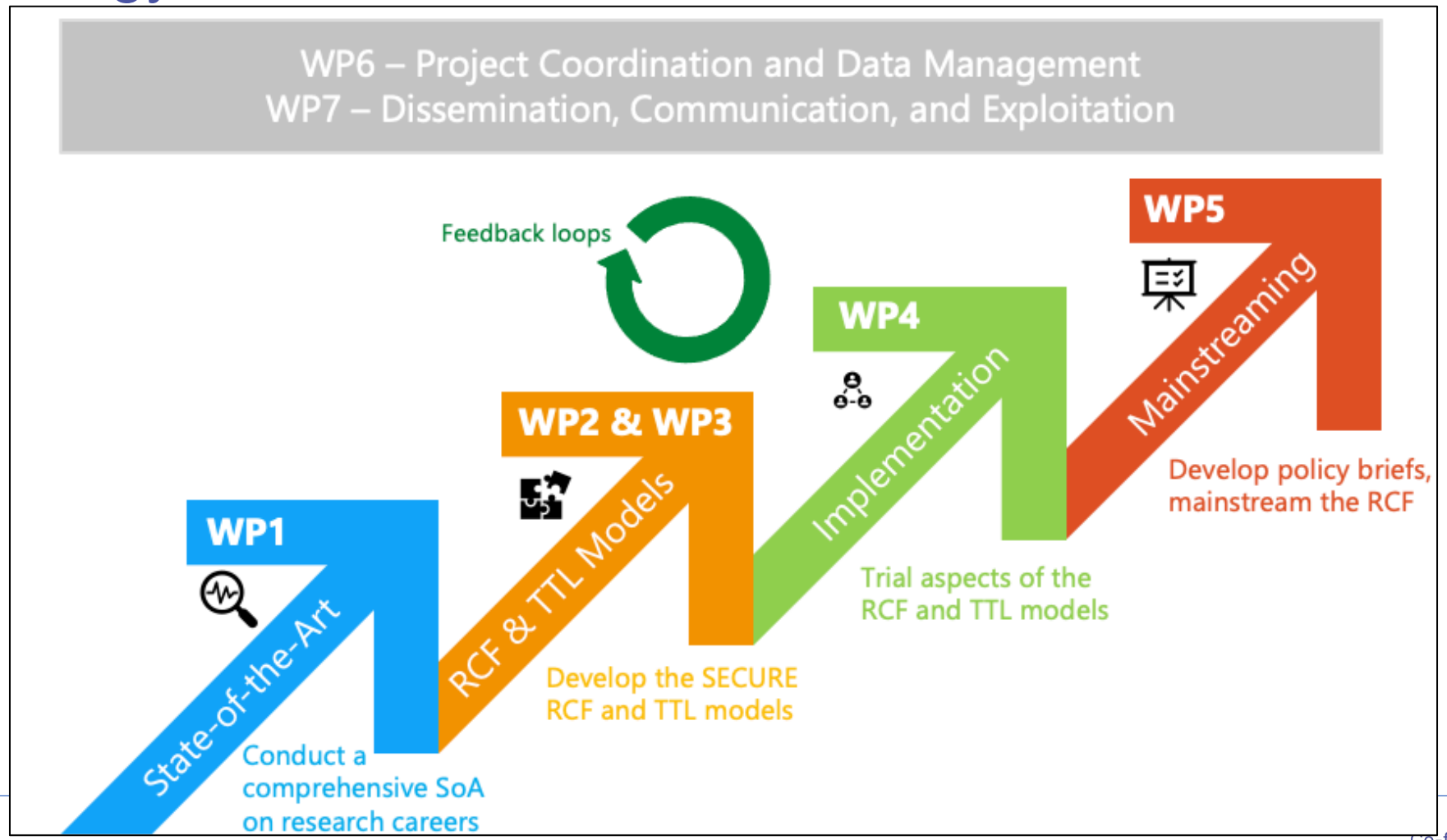
Methodology



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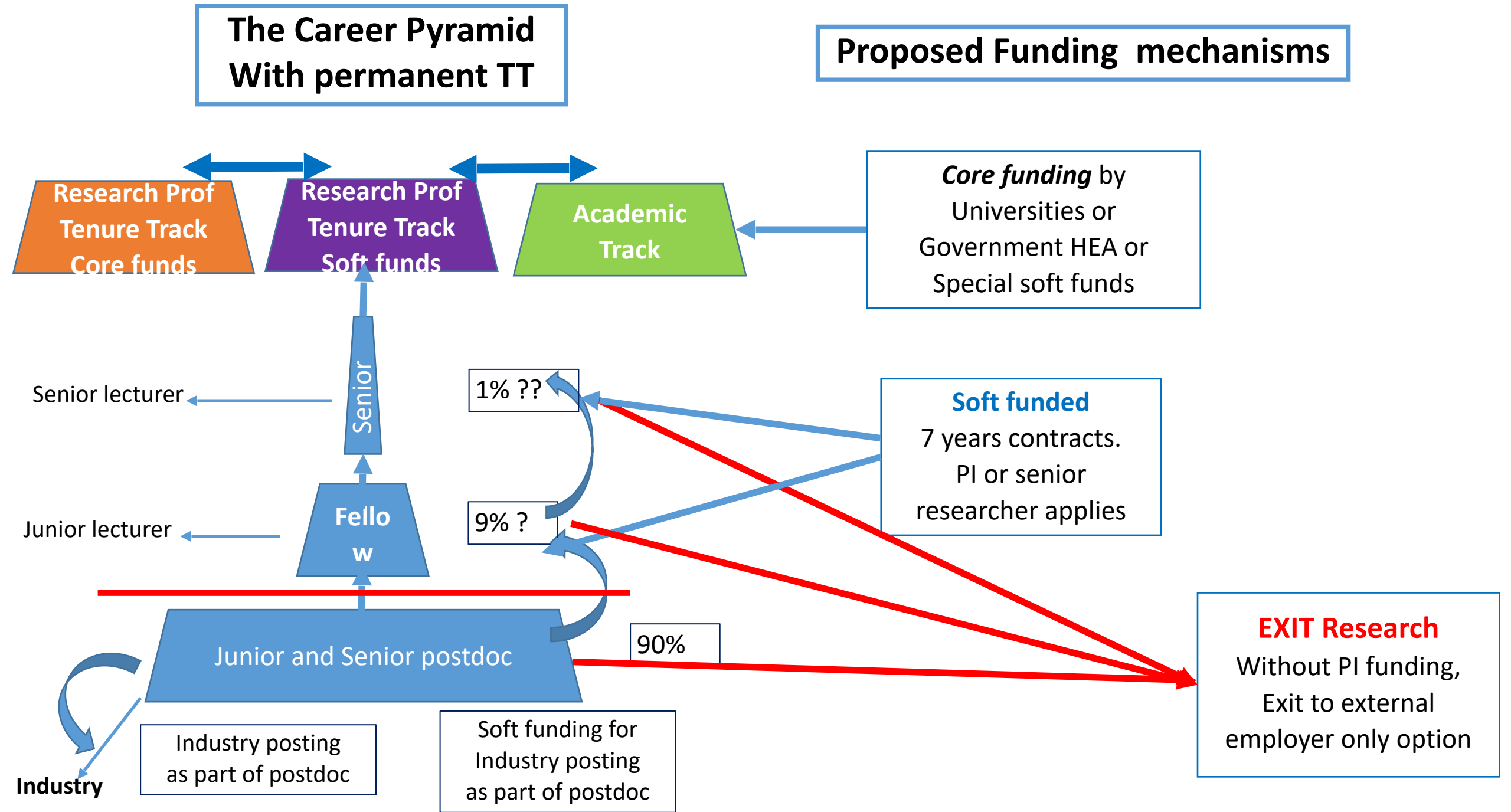
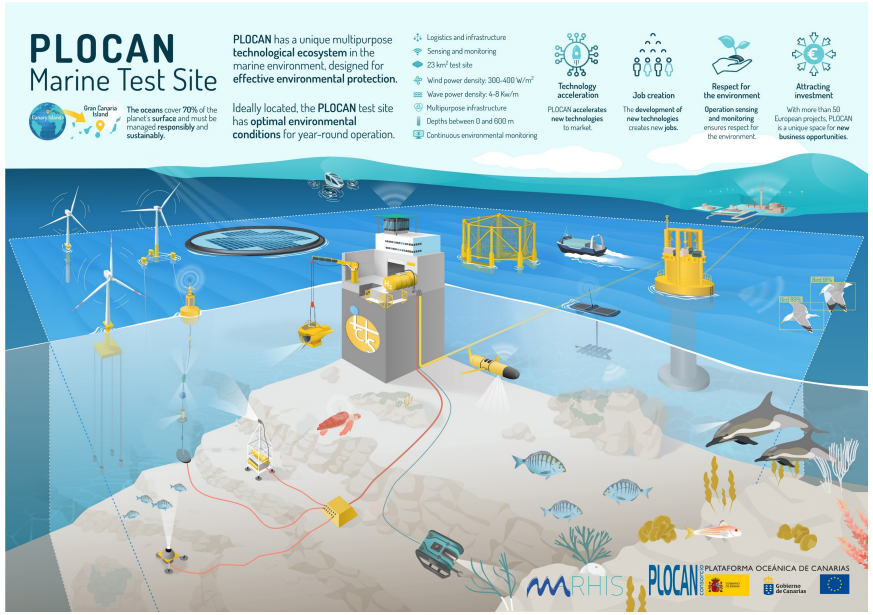

The Career Pyramid
With permanent TT
Proposed Funding mechanisms
Research Prof
Tenure Track
Core funds
Research Prof
Tenure Track
Soft funds
Academic
Track
Core funding by
Universities or
Government HEA or
Special soft funds
Senior lecturer
Senior
1% ??
Soft funded
7 years contracts.
PI or senior
researcher applies
Junior lecturer
Fello
w
9% ?
Junior and Senior postdoc
90%
EXIT Research
Without PI funding,
Exit to external
employer only option
Industry
Industry posting
as part of postdoc
Soft funding for
Industry posting
as part of postdoc



Thank You

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PLOCAN
Plataforma Oceánica de Canarias

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