

Oportunidades de participación para investigadores da Facultade de Economía e Empresa en proxectos internacionais e servizos de apoio da OTRI

Oportunidades nas vindeiras convocatorias H2020

Dr. Octavio Pernas Sueiras
3 de maio 2018



UNIVERSIDADE DA CORUÑA



Índice de contidos

- Piar I – Ciencia Excelente
 - Proxectos individuais: MSCA, ERC
 - Proxectos colaborativos: ITN, RISE
- Piares II e III – Proxectos colaborativos



UNIVERSIDADE DA CORUÑA



CIENCIA EXCELENTE - INDIVIDUAIS



UNIVERSIDADE DA CORUÑA



Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

JRC



UNIVERSIDADE DA CORUÑA



MSCA Objectives

- ✓ Excellent Science Pillar – Horizon 2020
- ✓ Bottom-up approach
- ✓ Funding based on **Unit Costs**
- ✓ Support of the researchers' **career path** at all stages
- ✓ **Mobility** is a key requirement
- ✓ Acquisition of **new and complementary skills**
- ✓ **Strong industry participation**
- ✓ **Excellent working conditions**, gender balance and open recruitment
- ✓ Emphasis on communication and **public engagement activities**



CHE Chemistry	SOC Social Sciences and Humanities	ECO Economic Sciences	ENG Information Science and Engineering	ENV Environmental and Geosciences	LIF Life Sciences	MAT Mathematics	PHY Physics
------------------	---------------------------------------	--------------------------	--	--------------------------------------	----------------------	--------------------	----------------



Marie Skłodowska-Curie Actions

 <p>ITN Innovative Training Networks</p> <p>What does it offer? High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.</p> <p>Who applies? International networks of research organisations from the academic and non-academic sectors</p> <p>Who is funded? Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)</p> <p>Próxima apertura setembro 2018</p>	 <p>IF Individual Fellowships</p> <p>What does it offer? Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.</p> <p>Who applies? Individual researchers together with the host organisations</p> <p>Who is funded? Postdoctoral researchers</p> <p>273 Mn € Aberta até 12 setembro 2018</p>	 <p>RISE Research & Innovation Staff Exchange</p> <p>What does it offer? The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.</p> <p>Who applies? International networks of research organisations from the academic and non-academic sectors</p> <p>Who is funded? Researchers, technical administrative and managerial staff of any nationality and at all career levels</p> <p>Próxima apertura dezembro 2018</p>	 <p>COFUND Co-Funding of Regional, National & International Programmes</p> <p>What does it offer? Regional national or international programmes to foster excellence in training mobility and career development of researchers</p> <p>Who applies? Organisations funding or managing doctoral or fellowships programmes</p> <p>Who is funded? Researchers at doctoral and postdoctoral level</p> <p>80 Mn € Aberta até 27 setembro 2018</p>
--	--	--	---



MSCA - IF 2018: European Fellowships

EUROPEAN FELLOWSHIPS

Standard Panel

Reintegration
Panel

Career Restart
Panel

Society and
Enterprise Panel



MSCA - IF 2018: Standard European Fellowships



STANDARD EUROPEAN FELLOWSHIP

- ER de **cualquier nacionalidad** que deberá desplazarse o haberse desplazado **desde cualquier país al EM / PA** donde esté localizada la **Entidad de Acogida**
- Regla de movilidad:** no + de 12 meses / últimos 3 años en el país de acogida, a fecha cierre convocatoria.
- Duración proyecto:** De 12 a 24 meses (posibilidad de estancias).



UNIVERSIDADE DA CORUÑA



MSCA - IF 2018: Global Fellowships



- Duración: 12-24 meses fase fuera de Europa + 12 meses de retorno obligatorios en Europa.
- ER elegibles: residentes de larga duración o nacionales MS / AC**
- de cualquier país al país de acogida en Tercer País
- La Regla de movilidad se debe cumplir en el país de acogida en fase fuera de Europa.**
- La entidad beneficiaria siempre estará localizada en EM / PA
- Participación mínima: 1 beneficiario en EM / PA + 1 Partner Organisation en Tercer País
- Cartas de Compromiso** de los Terceros Países



UNIVERSIDADE DA CORUÑA

MSCA - IF 2018: Eligible researchers and institutions

Eligible researcher

- ✓ **Experienced researchers (ER):**
PhD or at least 4 years of full-time equivalent research experience at the deadline of submission: 12/09/2018
- ✓ No upper age or experience limit.
- ✓ Nationality restrictions may apply
- ✓ Mobility rule applies

• Eligible institution

- ✓ **Beneficiary:** based in Member State (MS) or Associated Country (AC) who will host, recruit and trains the ER.
- ✓ **Partner Organisation (1 and 2):** offers additional training and hosts the researcher during his / her **secondment**.
 - 1) outgoing phase (TC) in Global Fellowships.
 - 2) institutions for secondments in Europe



UNIVERSIDADE DA CORUÑA



Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

JRC



UNIVERSIDADE DA CORUÑA



Consello Europeo de Investigación (ERC)



European Research Council
Established by the European Commission

O Consello Europeo de Investigación (ERC, European Research Council) busca financiar a longo prazo proxectos de investigadores excelentes e de seus equipos de investigación, para desenvolver unha **investigación na fronteira do coñecemento e de alto risco**.



UNIVERSIDADE DA CORUÑA



Three types of grants + PoC

Starting Grants

starters
(2-7 years after PhD) up
to € 1.5 Mio
for 5 years

Consolidator Grants

consolidators
(7-12 years after PhD)
up to € 2.0 Mio
for 5 years

Advanced Grants
track-record of
significant research
achievements in the
last 10 years
up to € 2.5 Mio
for 5 years

Proof-of-Concept

bridging gap between research - earliest stage
of marketable innovation
up to €150,000 for ERC grant holders



European Research Council

- **Excelencia** científica: único criterio de avaliación (IP e proxecto).
- Todos os campos de investigación.
- Proxectos individuais (IP).
- Financiamento atractivo [StG: 1,5 M€] [CoG: 2,0M€] [AdG: 2,5 M€] 5 anos.
- **Axudas asociadas ao IP, non a institución.**



Panel Structure

Life Sciences

- LS1 Molecular & Structural Biology & Biochemistry
- LS2 Genetics, Genomics, Bioinformatics & Systems Biology
- LS3 Cellular and Developmental Biology
- LS4 Physiology, Pathophysiology & Endocrinology
- LS5 Neurosciences & Neural Disorders
- LS6 Immunity & Infection
- LS7 Diagnostic tools, Therapies & Public Health
- LS8 Evolutionary, Population & Environmental Biology
- LS9 Applied Life Sciences & Biotechnology

Social Sciences & Humanities

- SH1 Individuals, Markets and Organisations
- SH2 Institutions, Values, Environment and Space
- SH3 The Social World, Diversity, Population
- SH4 The Human Mind and Its Complexity.
- SH5 Cultures and Cultural Production
- SH6 The Study of the Human Past

Physical Sciences & Engineering

- PE1 Mathematics
- PE2 Fundamental Constituents of Matter
- PE3 Condensed Matter Physics
- PE4 Physical & Analytical Chemical Sciences
- PE5 Materials & Synthesis
- PE6 Computer Science & Informatics
- PE7 Systems & Communication Engineering
- PE8 Products & Process Engineering
- PE9 Universe Sciences
- PE10 Earth System Science



CIENCIA EXCELENTE - COLABORATIVOS



UNIVERSIDADE DA CORUÑA



OTTO

Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

JRC



UNIVERSIDADE DA CORUÑA



Marie Skłodowska-Curie Actions

	Open now		Open now
ITN Innovative Training Networks	IF Individual Fellowships	RISE Research & Innovation Staff Exchange	COFUND Co-Funding of Regional, National & International Programmes
What does it offer? High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.	What does it offer? Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.	What does it offer? The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.	What does it offer? Regional national or international programmes to foster excellence in training mobility and career development of researchers
Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Individual researchers together with the host organisations	Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Organisations funding or managing doctoral or fellowships programmes
Who is funded? Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)	Who is funded? Postdoctoral researchers	Who is funded? Researchers, technical administrative and managerial staff of any nationality and at all career levels	Who is funded? Researchers at doctoral and postdoctoral level
Próxima apertura setembro 2018	273 Mn € Aberta até 12 setembro 2018	Próxima apertura dezembro 2018	80 Mn € Aberta até 27 setembro 2018



MSCA ITN: Main features

- Duration of projects: maximum **4 years**.
- **Recruitment of researchers:** min. 3 months – max. 36 months.
- ITN is not a research project, it is a **research training programme**.
- Researchers must be **ESRs** and also comply with **mobility rule**.
- Minimum 3 beneficiaries : 3 countries(MS/AC).
- Each beneficiary must recruit and host at least one researcher at its premises.
- Participation of non-academic sector considered essential.



MSCA ITN: Eligibility of researchers

EARLY STAGE RESEARCHES (ESR)

- ESR should be in their first 4 years of research experience and hold no doctoral degree at the time of their first recruitment in the ITN.

Full time equivalent research, FTE: is measured from the date when a researcher obtained the degree which would formally entitle him/her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited, irrespective of whether or not a doctorate is or was ever envisaged.

- **Mobility rule:** could not have resided or carried out their main activity in the country of the host institution for more than 12 months in the 3 years immediately prior to the first contract in the ITN.
- **No nationality restrictions.**



MSCA ITN: Exemplo na UDC

WAKEPUCALL - Applied mathematics for risk measures in finance and insurance, in the wake of the crisis,

https://cordis.europa.eu/project/rcn/193979_en.html

Rede de investigación e formación con participación de entidades académicas e do sector privado (Banco Santander, Analistas Financieros Internacionales, etc.)

UDC participa como socio do proxecto por medio do Grupo M2NICA, prof. Carlos Vázquez Cendón

only in current section



WAKEUPCALL

Home News Partners Research topics Recruitment Events

Home | Partners

Overview of the teams in EID WAKEUPCALL

Academic partners

- Coordinator: Prof. Cornelis Oosterlee
CWI - Center for Mathematics and Computer Science, the Netherlands Group Scientific Computing and Delft Institute of Applied Mathematics (DIAM)
- Prof. Andrea Pascucci
University of Bologna, Italy Department of Mathematics
- Prof. Carlos Vázquez Cendón
University of A Coruña, Spain Department of Mathematics
- Dr. Fasquelle Crisóstomo
Delft University of Technology, the Netherlands Delft Institute of Applied Mathematics (DIAM)

Non-academic partners

- Banco Santander S.A., Madrid, Spain
- AfI, Analistas Financieros Internacionales S.A.
- Unipol Gruppo Finanziario S.p.A.
- NiER Engineering S.p.A.
- EY (Ernst&Young)
- VORTech BV

News

- Celebrada la Summer School del H2020 Wakeupcall en Informática
- A Facultade de Informática da Universidade da Coruña acollerá esta semana a "Summer School on Quantitative Methods for Risk Management in Finance and Insurance"
- Nieuw onderzoek naar modellen financieel risicomagement

Jul 06, 2016

May 07, 2015

More news...



UNIVERSIDADE DA CORUÑA



Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

JRC



UNIVERSIDADE DA CORUÑA



Marie Skłodowska-Curie Actions

	Open now		Open now
ITN Innovative Training Networks	IF Individual Fellowships	RISE Research & Innovation Staff Exchange	COFUND Co-Funding of Regional, National & International Programmes
What does it offer? High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.	What does it offer? Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.	What does it offer? The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.	What does it offer? Regional national or international programmes to foster excellence in training mobility and career development of researchers
Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Individual researchers together with the host organisations	Who applies? International networks of research organisations from the academic and non-academic sectors	Who applies? Organisations funding or managing doctoral or fellowships programmes
Who is funded? Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)	Who is funded? Postdoctoral researchers	Who is funded? Researchers, technical administrative and managerial staff of any nationality and at all career levels	Who is funded? Researchers at doctoral and postdoctoral level
Próxima apertura setembro 2018	273 Mn € Aberta até 12 setembro 2018	Próxima apertura dezembro 2018	80 Mn € Aberta até 27 setembro 2018



MSCA RISE: Main Features

- Proyecto de **investigación e innovación** desarrollado a través del **intercambio de personal** de las instituciones participantes.
- **Mejora del personal**, mejora de sus capacidades
- Intercambio de personal internacional y/o inter-sectorial
- Se espera **gran impacto, transferencia de conocimiento** y colaboraciones a medio y largo plazo por parte de los participantes.
- Duración de proyecto: **48 meses**
- Nº de estancias máximo: **540 estancias**
- Duración mínima de 1 mes y máxima de 12 meses para cada persona en el proyecto. Posibilidad de dividir las estancias.



MSCA RISE: Eligibility of staff involved

- Personal con vinculación con la entidad.
- Importancia del equilibrio de género.
- Tipo de Personal que realiza las estancias:
 - Early Stage Researchers (ESR).
 - Experienced Researchers (ER).
 - Personal técnico, administrativo relacionado con actividades de Investigación e Innovación.
- Despues de las estancias el personal debe reintegrarse en la institución.



PIARES II E III- COLABORATIVOS

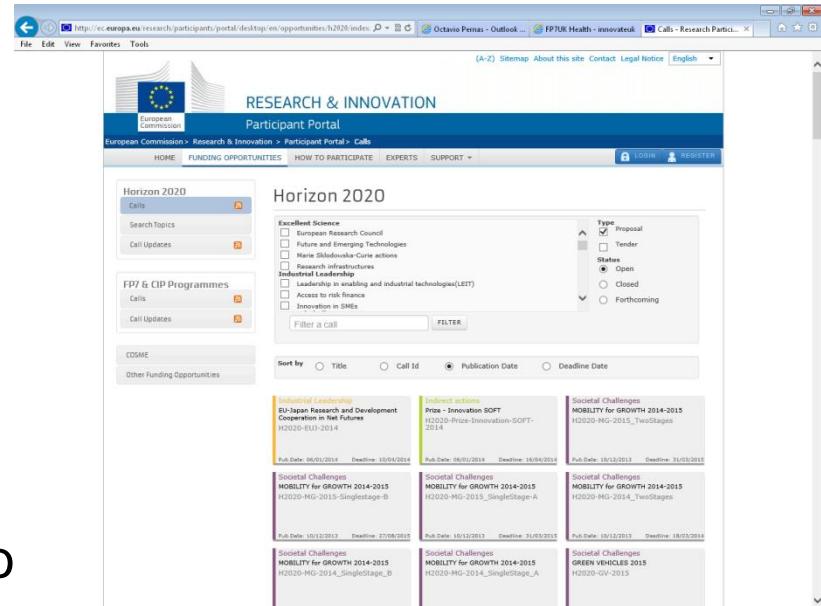


UNIVERSIDADE DA CORUÑA



Portal do participante

- **Programas de traballo**
- Regulamentos participación
- Anexos
 - Formularios de solicitud
 - Criterios de elixibilidade
 - Esquemas de financiamento
 - Área de expertos
- Electronic Submission Service (ESS)



<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>



UNIVERSIDADE DA CORUÑA



ELEGIBILIDAD DE LOS PARTICIPANTES

A. BENEFICIARIOS

Toda entidad legal con personalidad jurídica que cumpla con los requisitos establecidos en las Reglas de Participación y en los Programas de Trabajo correspondientes.

REQUISITOS GENERALES DE PARTICIPACIÓN

- **Mínimo 3 entidades legales independientes de 3 Estados** Miembros de la UE (28) o Estados Asociados al H2020 (15) diferentes.
- Colaboración internacional recomendada: comprobar elegibilidad de cada país
https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-a-countries-rules_en.pdf

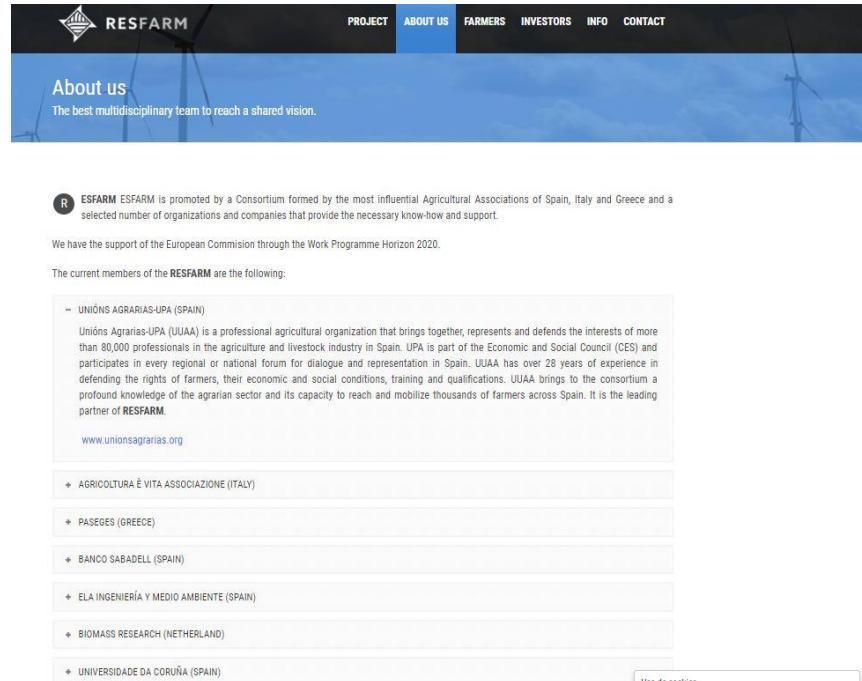


PROXECTOS COLABORATIVOS: Exemplo na UDC

RESFARM - Developing and implementing financial instruments for the mobilisation of investments in renewable energy in the agrarian sector, https://cordis.europa.eu/project/rcn/194606_en.html

RESFARM aims to provide the sufficient number of farmers and investors to develop thousands of renewable energy systems in a coordinated, efficient, and economically viable way.

UDC participou como socio do proxecto, en primeiro lugar coa investigadora Rosa Regueiro e na actualidade coa investigadora Marta Fernández Redondo (FEE)



The screenshot shows the RESFARM website's 'About us' page. At the top, there is a navigation bar with links for PROJECT, ABOUT US (which is highlighted in blue), FARMERS, INVESTORS, INFO, and CONTACT. Below the navigation bar is a banner featuring a wind turbine against a blue sky. The 'About us' section contains the following text:

R RESFARM is promoted by a Consortium formed by the most influential Agricultural Associations of Spain, Italy and Greece and a selected number of organizations and companies that provide the necessary know-how and support.

We have the support of the European Commission through the Work Programme Horizon 2020.

The current members of the RESFARM are the following:

- UNIÓNS AGRARIAS-UPA (SPAIN)
Unions Agrarias-UPA (UUA) is a professional agricultural organization that brings together, represents and defends the interests of more than 80,000 professionals in the agriculture and livestock industry in Spain. UPA is part of the Economic and Social Council (CES) and participates in every regional or national forum for dialogue and representation in Spain. UUA has over 28 years of experience in defending the rights of farmers, their economic and social conditions, training and qualifications. UUA brings to the consortium a profound knowledge of the agrarian sector and its capacity to reach and mobilize thousands of farmers across Spain. It is the leading partner of RESFARM.
www.unionsagrarias.org
- + AGRICOLTURA È VITA ASSOCIAZIONE (ITALY)
- + PASEGES (GREECE)
- + BANCO SABADELL (SPAIN)
- + ELA INGENIERÍA Y MEDIO AMBIENTE (SPAIN)
- + BIOMASS RESEARCH (NETHERLAND)
- + UNIVERSIDADE DA CORUÑA (SPAIN)



UNIVERSIDADE DA CORUÑA



Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

JRC



UNIVERSIDADE DA CORUÑA



Leadership in enabling and industrial technologies

- Information and Communication Technologies
- Nanotechnologies
- Advanced materials
- Biotechnology
- Advanced manufacturing and processing
- Space



EN

Horizon 2020

Work Programme 2018-2020

5.ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)



UNIVERSIDADE DA CORUÑA



LEIT: Exemplo de topic

CE-SPIRE-05-2019: Adaptation to variable feedstock through retrofitting

- Process industry plants (...) to make their operations **viable**.
- Implement **simulation models** and **decision support tools** for the production chain (...)
- Find the most efficient operational **input** conditions to **optimise the performances**.
- Targets: Reduced operating costs by 30% and increased productivity by 20%



Societal Challenges

- **Health, demographic change and wellbeing**
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens
- Spreading excellence and widening participation
- Science with and for Society



Health (SC1): Exemplo de topic

SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare

- Personalised medicine (PM) has the potential to (...) enhance the **sustainability of healthcare systems**.
- Projects should **demonstrate** the benefit for individuals as well as (...) **economic viability** of personalised medicine approaches in real life healthcare settings
- Demonstration of the **viability and feasibility** of PM approaches in real-life settings and at a large scale, **exemplifying potential for savings** in overall **healthcare costs**.



Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- **Europe in a changing world - inclusive, innovative and reflective societies**
- Secure societies - protecting freedom and security of Europe and its citizens
- Spreading excellence and widening participation
- Science with and for Society



Europe in a changing world – Inclusive, innovative and reflective societies: Introducción no WP

- (...) Pressure from increased migration flows, **socio-economic and cultural transformations** (...) have the potential to significantly impact Europe's future at many levels
- (...) and digital driven economy that will shape human productivity, and that will require (...) **extensive reorientations of the economic system** (collaborative economy, smart specialisation, etc.)



EN

Horizon 2020

Work Programme 2018-2020

13. Europe in a changing world – Inclusive, innovative and reflective societies

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)



UNIVERSIDADE DA CORUÑA



Europe in a changing world: Exemplo de topic

TRANSFORMATIONS-01-2018: Research for inclusive growth: addressing the socioeconomic effects of technological transformations

- **Technological transformations** such as automation, robotisation and digitisation have profound **socioeconomic effects**.
- **Proposals** should equally take stock of the rise of digital platforms and the platform economy in European countries and **examine** associated **legal**, social and **economic challenges** and prospects.
- They should **assess tax and benefits policies** that could lead to a fairer distribution of gains.
- Results will pave the way for a robust European strategy for socially **cohesive growth and economic competitiveness**.



GRAZAS!

Dr. Octavio Pernas Sueiras

OTRI

Edificio Servizos Centrais de Investigación

Campus de Elviña - 15071 A Coruña

Teléfono: 881 01 5783

Correo electrónico: otri.europa@udc.es

<http://otri.udc.es/>



UNIVERSIDADE DA CORUÑA



OTRI