

Participation in HORIZON 2020

Sources of Information

SL – EU Startup and Innovation Week

Dr. George Bonas

SLINTEC/TechCity

Homagama, Sri Lanka, 4 March 2020



Overview

- **Funding and Tenders Portal:**
 - Presentation of the major source of information (and more)
- Steps for **finding suitable calls** in the Funding and Tenders Portal/Horizon 2020
- Other sources of information and support

The Funding & Tenders Portal (H2020 pages): the major Research and Innovation source of information (and more)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>



Participant Portal: free access and restricted parts

- **Free access parts:**
 - info on funding;
 - documents;
 - support
- **Restricted parts:**
 - Proposal submission;
 - Signature of Grant;
 - Management of Grant;
 - Register as Expert

You need to
register and get
credentials
(easily; online)

Create an account



[Help for external users](#)

First name

Last name


E-mail

Confirm e-mail

E-mail language

Enter the code


 


☐ By checking this box, you acknowledge that you have read and understood the [privacy statement](#)

Create an account

Your
credentials
will come by
email.
You can change
your **password**
but it should
remain
confidential

Steps for finding suitable calls in the Horizon 2020 Participant Portal



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME **FUNDING OPPORTUNITIES** HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT [LOGIN](#) [REGISTER](#)

EU Programmes 2014-2020

Search Topics

Updates

Calls

H2020

3rd Health Programme

Asylum, Migration and Integration Fund

Consumer Programme

COSME

European Statistics Programme

Hercule III Programme

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Pilot Projects & Preparatory Actions


Promotion of Agricultural Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship Programme

Union Civil Protection Mechanism

Calls for Proposals

 **Horizon 2020** [Advanced search for topics](#)
[Calls for tenders on TED](#)

☐ **Excellent Science**

- ☐ European Research Council (ERC)
- ☐ Future and Emerging Technologies (FET)
- ☐ Marie-Sklodowska-Curie Actions
- ☐ Research Infrastructures

☐ **Industrial Leadership**

- ☐ Leadership in enabling and industrial technologies (LEIT)
- ☐ Information and Communication Technologies

Status ☒ Calls with forthcoming topics ☒ Calls with open topics ☐ Calls with only closed topics


Sort by ☐ Call title ☐ Call identifier ☒ Publication date [FILTER](#)

Societal Challenges FCH2 JU call for proposals 2018 H2020-JTI-FCH-2018-1 Publication date:16 January 2018	The European Institute of Innovation and Technology (EIT) EIT KICs Call 2018 EIT-KICS-2018 Publication date:12 January 2018	Societal Challenges SHIFT2RAIL JU CALL FOR PROPOSALS 2018 H2020-S2RJU-2018 Publication date:11 January 2018
Industrial Leadership EIC Horizon Prize for 'Affordable High-Tech for Humanitarian Aid' H2020-HumanitarianAid-EICPrize-2020 Publication date:30 November 2017	Societal Challenges H2020-JTI-IMI2-2017-13-two-stage H2020-JTI-IMI2-2017-13-two-stage Publication date:30 November 2017	Societal Challenges Horizon Prize for Social Innovation in Europe H2020-SC6-Social-Innovation-Prize-2019 Publication date:27 November 2017
Euratom Research and Training Programme 2014-2018 SOFT Innovation Prize	Societal Challenges Clean Sky 2 Call for Proposals 07	Societal Challenges Blue Growth

Excellent Science

Industrial leadership

Societal Challenges



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME **FUNDING OPPORTUNITIES** HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT [LOGIN](#) [REGISTER](#)

EU Programmes 2014-2020

Search Topics

Updates

Calls

H2020

3rd Health Programme

Asylum, Migration and Integration Fund

Consumer Programme

COSME

European Statistics Programme

Hercule III Programme

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Pilot Projects & Preparatory Actions


Promotion of Agricultural Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship Programme

Union Civil Protection Mechanism

Calls for Proposals



Horizon 2020

Advanced search for topics
Calls for tenders on TED

- ☐ Excellent Science
 - ☐ European Research Council (ERC)
 - ☐ Future and Emerging Technologies (FET)
 - ☐ Marie-Sklodowska-Curie Actions
 - ☐ Research Infrastructures
- ☐ Industrial Leadership
 - ☐ Leadership in enabling and industrial technologies (LEIT)
 - ☐ Information and Communication Technologies

Status ☒ Calls with forthcoming topics ☒ Calls with open topics ☐ Calls with only closed topics

Sort by ☐ Call title ☐ Call identifier ☒ Publication date [FILTER](#)

Societal Challenges FCH2 JU call for proposals 2018 H2020-JTI-FCH-2018-1 Publication date: 16 January 2018	The European Institute of Innovation and Technology (EIT) EIT KICs Call 2018 EIT-KICS-2018 Publication date: 12 January 2018	Societal Challenges SHIFT2RAIL JU CALL FOR PROPOSALS 2018 H2020-S2RJU-2018 Publication date: 11 January 2018
Industrial Leadership EIC Horizon Prize for 'Affordable High-Tech for Humanitarian Aid' H2020-HumanitarianAid-EICPrize-2020 Publication date: 30 November 2017	Societal Challenges H2020-JTI-IMI2-2017-13-two-stage H2020-JTI-IMI2-2017-13-two-stage Publication date: 30 November 2017	Societal Challenges Horizon Prize for Social Innovation in Europe H2020-SC6-Social-Innovation-Prize-2019 Publication date: 27 November 2017
Euratom Research and Training Programme 2014-2018 SNET Innovation Prize	Societal Challenges Clean Sky 2 Call for Proposals 07	Societal Challenges Blue Growth

One Call
Several Topics

EU Programmes 2014-2020

Search Topics

Updates

Calls

H2020

3rd Health Programme

Asylum, Migration and
Integration Fund

Consumer Programme

COSME

European Statistics Programme

Hercule III Programme

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Pilot Projects & Preparatory
Actions

Promotion of Agricultural
Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship
Programme

Union Civil Protection
Mechanism

FP7 & CIP Programmes 2007-2013

Calls

CALL: SHIFT2RAIL JU CALL FOR PROPOSALS 2018

Call identifier: H2020-S2RJU-2018

Publication date: 11 January 2018

[Call budget overview](#)



Horizon 2020

Pillar: Societal Challenges

Work Programme Year: H2020-JTI-Shift2Rail-2018

Work Programme Part: [Shift2Rail Work Plan 2018](#)

[H2020 website](#)

Call updates

[+ More](#)

- **16 January 2018 10:22** The submission session is now available for: S2R-OC-IPX-02-2018(Shift2Rail-CSA), S2R-OC-IPX-03-2018(Shift2Rail-CSA), S2R-OC-IP4-01-2018(Shift2Rail-RIA), S2R-OC-IP3-01-2018(Shift2Rail-IA), S2R-OC-IP4-02-2018(Shift2Rail-RIA), S2R-OC-

Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab.

To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

Status



Forthcoming



Open



Closed

Sort by



(Planned) opening date



Deadline



Topic title



Topic identifier

Topic: **S2R-CFM-CCA-01-2018: Virtual certification & smart planning**

[Open](#)

Publication date: 11 January 2018

Types of action: Shift2Rail-RIA-LS Research and Innovation Action Lump-Sum

DeadlineModel: single-stage

Deadline: 24 April 2018 17:00:00

Opening date: 16 January 2018

Time Zone : (Brussels time)

Topic: **S2R-CFM-IP1-01-2018: Development of technology demonstrators for the next generation of traction systems and adhesion management systems**

[Open](#)

Publication date: 11 January 2018

Types of action: Shift2Rail-RIA-LS Research and Innovation Action Lump-Sum

DeadlineModel: single-stage

Deadline: 24 April 2018 17:00:00

Opening date: 16 January 2018

Time Zone : (Brussels time)

Call

Topic

- All research funding under H2020 is published in the **Participant Portal**
- Currently the last part (last **Work Programme**) of H2020 has been published, including all the calls to be implemented from 2018 to 2020.
- The participation in H2020 starts with the **identification of Topics** that are close to the research activities of the researcher

EU Programmes 2014-2020

Search Topics

Updates



Calls



H2020

3rd Health Programme

Asylum, Migration and
Integration Fund

Consumer Programme

COSME

European Statistics Programme

Hercule III Programme

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Pilot Projects & Preparatory
ActionsPromotion of Agricultural
Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship
ProgrammeUnion Civil Protection
MechanismFP7 & CIP Programmes
2007-2013

Calls

TOPIC : Processing of material feedstock using non-conventional energy sources (IA)

Topic identifier: CE-SPIRE-02-2018**Publication date:** 27 October 2017**Focus area:** [Connecting economic and environmental gains - the Circular Economy \(CE\)](#)**Types of action:** IA Innovation action**DeadlineModel:** single-stage**Opening date:** 31 October 2017**Deadline:** 22 February 2018 17:00:00

Time Zone : (Brussels time)



Horizon 2020

Pillar: Industrial Leadership

Work Programme Year: H2020-2018-2020

Work Programme Part: [Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing](#)Call : [H2020-NMBP-ST-IND-2018-2020](#)[H2020 website](#)[Call budget overview](#)

Topic Description

[- Less](#)Specific Challenge:

Non-conventional energy sources, such as microwave, plasma, ultrasound and laser, as well as electrochemical and photochemical processes, have already been applied in process intensification, mainly at lab scale, showing significant improvements in process performance (e.g. improved selectivity, crystal nucleation, reaction speed easing raw material demand) for the benefit of energy efficiency. The processes powered by non-conventional energy sources are suitable for connection to the electricity grid. They allow variable throughputs to better follow market demand and enable leaner production paradigms (e.g. decreased stock, production on demand). Such technologies are suitable for downscaling and continuous processing, where they can also be coupled with real time monitoring allowing a finer control of the transformations.

Scope:

Proposals are expected to develop technologies applying non-conventional energy sources to processes of high industrial interest. The concepts proposed should:

- Show potential for integration in a renewable electricity grid, and consider the relevant limitations (fluctuating nature of the electricity stream);
- Provide significant advantages in terms of resource and energy efficiency, compared to the current state of the art processes (or similar ones, as relevant);
- Provide improved flexibility, working at variable throughputs without major losses in the overall process performance;
- Be applicable to continuous processes and/or show potential enabling the replacement of current batch ones;


Topic

Description
Scope
ImpactDocuments
Templates

Matching exercise: topic description $\leftarrow \rightarrow$ your own research activities

- Is your current research activity contributing to the **scope and expected impact** of a topic (open or forthcoming)?
 - You will not be alone (consortium) \rightarrow you don't need to cover all aspects
 - But you definitively **need to provide a strong contribution to some parts of the work** that needs to be done for addressing the scope and impact of the topic

Other sources of information and support




RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT LOGIN REGISTER



On this site you can find and secure **funding** for projects under the following:


- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness and Growth Programme, Asylum, Migration and Integration Fund, Cohesion Policy, Programme, Hercule III Programme, Internal Security Fund Border Management and Visa Management, Pilot Projects and Preparatory Actions, Promotion of Access to Research for Coal and Steel, Rights, Equality and Citizenship Programme and Union of Science and Technology

Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs


Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission




H2020 DASHBOARD:
Statistics on H2020 proposals, success rates, funded projects and participants.


- H2020 Online Manual
- Research Enquiry Service
- Enterprise Europe Network
- National Contact Points
- Glossary
- FAQ
- IT Helpdesk
- Other Help Services
- Terms and Conditions
- What's New
- APIs




WHAT'S NEW?



FUNDING OPPORTUNITIES




HOW TO PARTICIPATE



WORK AS AN EXPERT



MY PERSONAL AREA



INFORMATION AND SUPPORT

H2020 Manual

National Contact Points (NCPs)

Glossary

FAQ

IT Helpdesk

Other useful sources of Information and support

European IPR Helpdesk

- Provides **assistance on Intellectual Property (IP)** issues to current and potential beneficiaries of EU-funded research and innovation projects
- More information: <https://www.iprhelphdesk.eu/>

Enterprise Europe Network

- The **world's largest support network for SMEs** with international ambitions. The Network is **active in more than 60 countries worldwide**
- More information: <http://een.ec.europa.eu/about>

Useful links

- Horizon 2020 Manual:
- <http://ec.europa.eu/programme>
- Participant Portal:
- <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- National Contact Points:
- https://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html
- EU Login Help:
- <https://webgate.ec.europa.eu/cas/help.html>



Thank you for your attention!

Dr. George Bonas
A.R.S. Progetti S.P.A./CeRISS