



#InvestEUresearch

Horizon 2020 Work Programme for Research & Innovation 2018-2020

Horizon H2020 – Open to the world

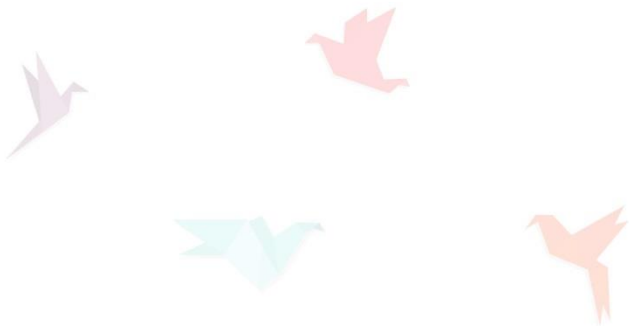
Name: DALIBOR DRLJAČA

Function: Service Facility in support of International
Cooperation in Research and Innovation
(communication@ServiceFacility.eu)

Research and
Innovation

Overview

- 1 Warm-up session
- 2 Horizon 2020 – Open to the World
- 3 Funding of international partners
- 4 Thailand in Horizon 2020 - State of Play and Future Opportunities
- 5 Opportunities for researchers and entities from Thailand in the upcoming calls under Horizon 2020
- 6 Key messages - final Q&A



1. Warm-up session



1. Warm-up session

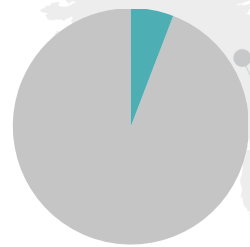
- Do you have any experiences in or knowledge about Horizon 2020?
- Why do you want to do research with European partners or in a European context?



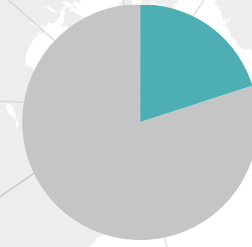
2. Horizon 2020 – Open to the World



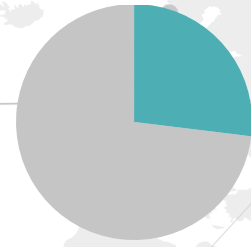
Did you know? The European Union: 500 million people – 28 countries - one single market



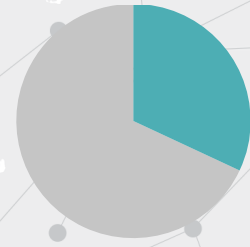
6% of the world's population



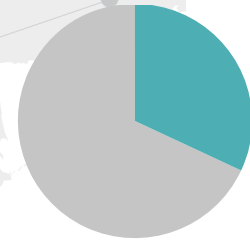
20% of world expenditure on research



27% of world scientific publications



32% of high-impact publications



32% of patent applications

some of the best universities in the world

some of the most innovative companies in the world

What is Horizon 2020?

- Your central entry point and easy access to European research and innovation

Horizon 2020 is open to the world!

- The EU Framework Programme for **Research & Innovation**
- The **biggest multinational** programme of its kind with a budget of almost € 80 billion
- Horizon 2020 welcomes **researchers & institutions**, public and private, **from all over the world**

European Union Member States and Countries Associated to Horizon 2020

 **EU Member States (28)**

 **Associated Countries (16)**

Albania
Armenia
Bosnia & Herzegovina
Faroe Islands
Georgia
Iceland
Israel
the Former Yugoslav Republic of Macedonia
Republic of Moldova
Montenegro
Norway
Serbia
Tunisia
Turkey
Ukraine
Switzerland



Why should you participate in Horizon 2020?

1 Ambitious research and innovation projects

2 Mobility to Europe

3 Access to new networks and alliances

4 Access to world class research infrastructures



5 New business opportunities and visibility of your research

6 Tackle global challenges together with excellent European and International scientists

7 Research funding



Europe invites International Partners to participate

1 Access to markets

2 Access to knowledge



3 Attracting talent and investment

5 Better research and exploitation

4 More visible global profile

3. Funding of international partners



Eligibility for Funding – General Rules

Automatically funded:

- Member States
- Associated Countries
- **Countries listed in Annex A of the Work Programme**



Thailand

Other Partner Countries are funded when:

- Agreement exists between 2 funding bodies
- Provision made in the call text
- Commission deems participation essential

4. Thailand in Horizon 2020 - State of Play and Future Opportunities



Thailand in Horizon 2020 - Statistics

(Record date: 06/08/2018)

24 Participations in 22 Projects:

- 15 in pillar "Excellent Science"
 - 13 x Marie-Sklodowska-Curie Actions
- 4 in pillar "Industrial Leadership"
- 5 in pillar "Societal Challenges"
 - 2 x Climate Action
 - 2 x Food
 - 1 x Europe in a changing world

EC contribution: 853,930 €

Thailand in Horizon 2020 – Most active organisations

Rank	Organisation	Participations	Type
1	NATIONAL SCIENCE & TECHNOLOGY DEVELOPMENT AGENCY	6	Research Organisation
2	CHULALONGKORN UNIVERSITY	3	Higher or secondary education

5. Opportunities for researchers and entities from Thailand in the upcoming calls under Horizon 2020



Horizon 2020 covers three priority areas:

1 Excellent science

Researcher driven:

The foundation of tomorrow's technologies, jobs and wellbeing

Industry driven:
Strategic investments in key technologies

Industrial leadership

2

3 Societal challenges

Society driven:

Tackling the great challenges of our time of citizens and society

How can you participate in Horizon 2020?

There are two ways to participate:

- **Participation of individual researchers**

Researchers of all nationalities are welcome to participate

- **Collaborative projects**

Include at least 3 legal entities from 3 different countries of the EU or from Countries Associated to Horizon 2020




Where in Horizon 2020 can you find funds for individual research?

- **The European Research Council (ERC)**
=excellent research
- **Marie Skłodowska-Curie Actions (MSCA)**
= mobility of researchers and technical staff



European Research Council



Excellent
Science

These opportunities are for researchers who want to work in Europe.

How to participate in a collaborative project?

- As a legal entity from Thailand you can take part in collaborative projects of Horizon 2020
- You can receive funding.
- You can even coordinate a project



Remember! All proposals must meet certain minimum conditions:

- ✓ 3 participants from different EU member states or Associated Countries
- ✓ You as an international partner must come in addition to this minimum

International participation is targeted by specific programme elements

- Specific topics in calls for proposals may:
 - indicate that **participation of International Partners is encouraged**
 - indicate that **participation of partners from a certain country or region is encouraged or even mandatory**
- Coordinated calls exist, used for specific actions



**Targeted
Opening**

Horizon 2020 Flagships on targeted activities for international Cooperation



Specific topics targeting cooperation with Thailand

Calls under Work Programme 2018-2020

Smart, green and integrated transport

- Call: H2020-LC-GV-2018-2019-2020
- Topic: **LC-GV-05-2019: InCo flagship on “Urban mobility and sustainable electrification in large urban areas in developing and emerging economies”**
- Actions should bring together European, Asian (e.g. China), CELAC (Community of Latin American and Caribbean States) and African research partners, government agencies and urban authorities, private sector and civil society with relevant expertise and competence within the corresponding cooperation framework



**Targeted
Opening:
4/11/2018**

6. Key messages - final Q&A



Key messages for Thailand researchers and legal entities

- Horizon 2020 is the largest research and innovation programme in the world
- Thailand nationals or institutions are eligible to take part in Horizon 2020, as individual researchers or in collaborative projects
- Participants from Thailand automatically receive funding from the EU
- Participation in Horizon 2020 projects offers exciting opportunities to extend your research field, your network and your career options
- International cooperation is encouraged

Join Now!

#InvestEUresearch

www.ec.europa.eu/research

Participant Portal

<http://ec.europa.eu/research/participants/portal/>

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