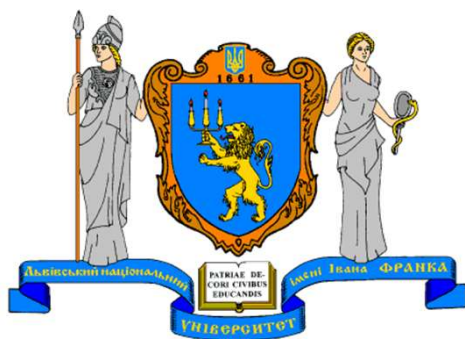




**НАЦІОНАЛЬНИЙ КОНТАКТНИЙ ПУНКТ**

**Рамкової програми Європейського Союзу  
з досліджень та інновацій**

**«ГОРИЗОНТ 2020»**



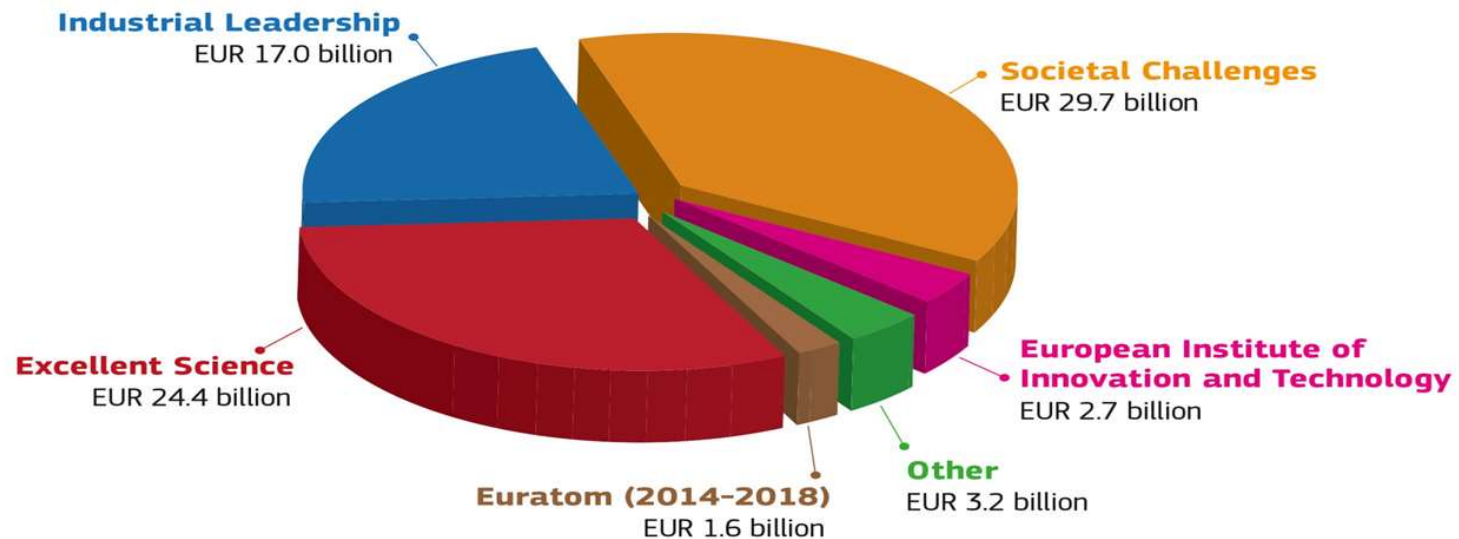
**Львівський національний університет  
імені Івана Франка**

*Заремба Оксана*



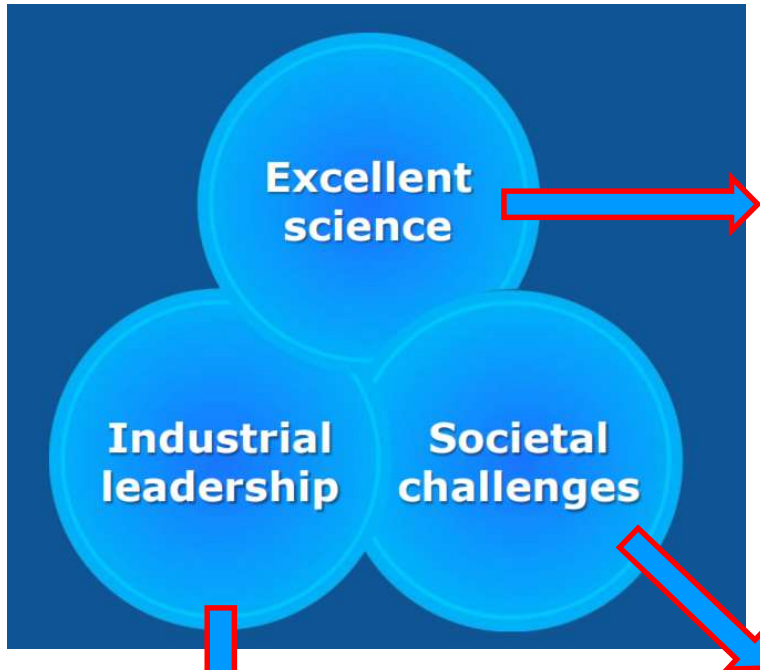
Найбільша програма Європейського Союзу з **фінансування науки та інновацій** з загальним бюджетом близько **80 млрд. євро, 2014-2020 рр.**

**Україна – асоційований член програми з 2015 року**



**HORIZON EUROPE (2021-2027) з бюджетом ~ 100 млрд. євро**

# Пріоритетні напрями



# Тематичні напрями

- ▶ European Research Council
- ▶ Future and Emerging Technologies
- ▶ Marie Skłodowska-Curie actions
- ▶ Research Infrastructures, including e-Infrastructures

- ▶ Health, Demographic Change and Wellbeing
- ▶ Food Security, Sustainable Agriculture and Forestry, Marine, 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

- ▶ Leadership in Enabling and Industrial Technologies
  - ▶ Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology
  - ▶ Information and Communication Technologies
  - ▶ Space
- ▶ Access to risk finance
- ▶ Innovation in SMEs



# Мережа НКП в Україні

Національний портал <https://h2020.com.ua/uk>

← → ↻ 🏠 h2020.com.ua/uk/ ☆ ⚙️ 🔔 ⋮

Нова панка samsung NOD32 avto погода FIN HELSI Гуртом — торрент... Оригінальний но... MEGOGO.NET

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

ГОРИЗОНТ 2020. НАЦІОНАЛЬНИЙ ПОРТАЛ

HORIZON 2020

ГОЛОВНА ГОРИЗОНТ 2020 HORIZON EUROPE ПІДТРИМКА **МСП** **МЕРЕЖА НКП** КОНТАКТИ 🇺🇸 ENGLISH

**ІНФОРМАЦІЙНИЙ ВЕБІНАР «HORIZON2020 - HORIZON EUROPE: ПІДСУМКИ ТА ОЧІКУВАННЯ»**

🕒 26.10.2020 🗨️ 0

Національний контактний пункт Рамкової програми Європейського Союзу з досліджень та інновацій "Horizon 2020" за тематичними напрямками "Майбутні і новітні технології" (Future and Emerging Technologies) та [...]

**МОВА САЙТУ**

🇺🇦 Українська 🇺🇸 English

**ВАЖЛИВО**

Без рубрики

Новини

Повідомлення НКП

**ВЕБІНАР «ДОСТУПНІ ГРАНТОРИ**

<https://h2020.com.ua/uk/карта-осередкіє/>

# Мережа НКП в Україні

## National NCP Coordinator



16 Shevchenko Blvd., Kyiv, Ukraine, 01601

**Vitalii Cherniuk**

Ministry of Education and Science of Ukraine

Tel.: +38 044 287 8261

e-mail: [cherniuk@mon.gov.ua](mailto:cherniuk@mon.gov.ua)

Directions



## Legal and Financial aspects, Access to Finance



180 Antonovycha St., Room 801, Kyiv, Ukraine, 03680

**Olena Koval**

National Information Center for Ukraine-EU S&T cooperation

Tel./fax: +38 044 529 03 32

E-mail: [nip@fp7-ncp.kiev.ua](mailto:nip@fp7-ncp.kiev.ua), [o.koval@h2020.com.ua](mailto:o.koval@h2020.com.ua)

Directions

[h2020.com.ua/uk/карта-осередків/#map1](https://h2020.com.ua/uk/карта-осередків/#map1)

samsung NOD32 avto погода FIN HELSI Гуртом — торрент... Оригінальний но...

Directions

## Future and Emerging Technologies



1 Universytetska St., Lviv, Ukraine, 79000

**Oksana Zaremba**

Ivan Franko National University of Lviv

Tel.: +380934846131

E-mail: [oksanazaremba@gmail.com](mailto:oksanazaremba@gmail.com)

Directions



## Smart, green and integrated transport



1 Suvorova St., Kyiv, Ukraine, 01010

**Mykola Dmytriv**

National Transport University

Tel.: +38044-280-84-48

E-mail: [ntu.dnn327@ukr.net](mailto:ntu.dnn327@ukr.net)





2014-2015

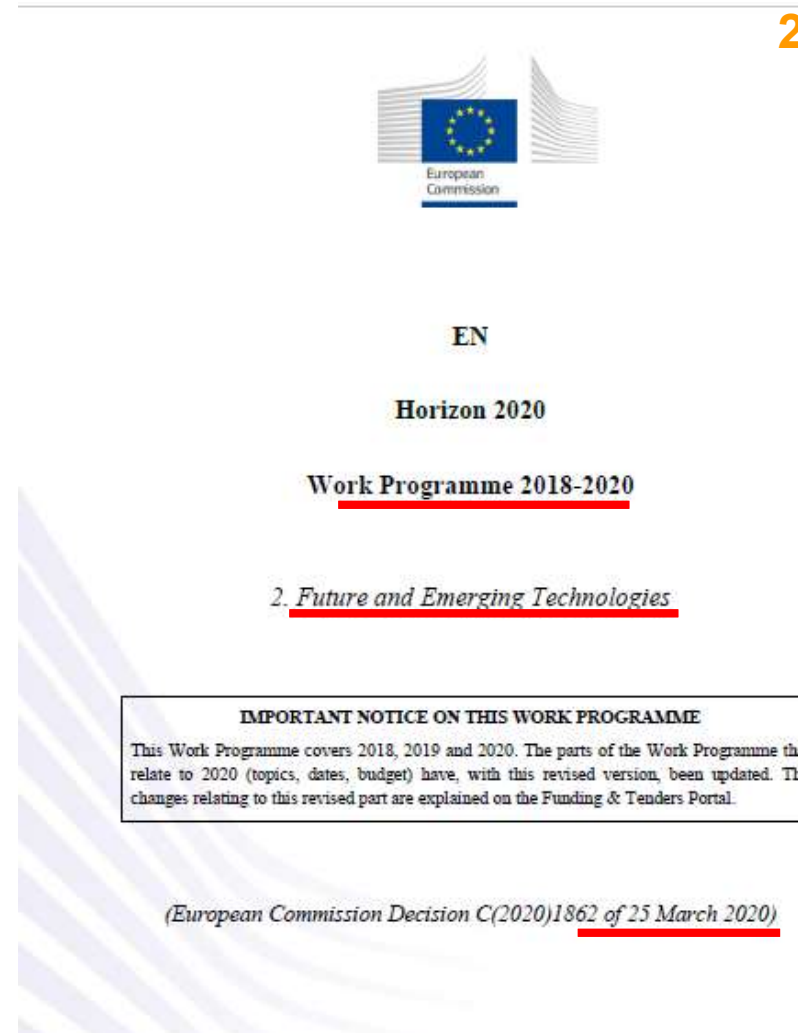
2016-2017

2018-2020

# РОБОЧА ПРОГРАМА

містить інформацію  
про конкурси (*calls*):

- тематику конкурсів  
*topics*
- терміни подачі  
*dates, deadlines*
- фінансові аспекти  
*budget*



<https://ec.europa.eu/programmes/horizon2020/en>

Horizon 2020

Home | What is Horizon 2020? | Find Your area | How to Get funding? | News, Events & Publications | Projects | The next Framework Programme

**What is Horizon 2020?**

**Find Your area**

**Horizon 2020 Programme**

**How to Get funding?**

**HORIZON 2020 in full swing**  
Three years on  
KEY FACTS AND FIGURES 2014-2016

**Horizon 2020 in full swing - Three years on**  
The brochure "Horizon 2020 In Full Swing - Three Years On - Key facts and figures 2014-2016" provides a snapshot of the programme's main achievements, taking into account more than 300 calls for proposals

**Latest news and events**

2019 EU Prize for Women Innovators: Commission awards four outstanding entrepreneurs  
Date: 16/05/2019  
Commissioner for Research, Science and Innovation Carlos Moedas announced today at the VivaTech conference in Paris the four winners of the 2019 EU Prize for Women Innovators. [Read more](#)

Launch of the European Black Sea Strategic Research and Innovation Agenda

**Project Stories**

**Multimedia & Publications**

Follow us:

**#H2020**

**#H2020**

### What is Horizon 2020?

What is a Work Programme?

Horizon 2020 programme sections

Experts

Official Documents

Evaluations and monitoring

History

Horizon 2020 statistics



Find Your area

## Horizon 2020 sections

Work programme general introduction, including focus area

### Excellent Science

European Research Council

Future and Emerging Technologies

FET Open

FET Proactive

FET Flagships

Marie Skłodowska-Curie actions

Research Infrastructures, including e-Infrastructures

### Industrial Leadership

Leadership in Enabling and Industrial Technologies

Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology

Information and Communication Technologies

Space

Access to risk finance

Innovation in SMEs

### Societal Challenges

Health, Demographic Change and Wellbeing

Food Security, Sustainable Agriculture and Forestry, Marine, 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

Sections navigation

Excellent Science

Future and Emerging Technologies

FET Proactive

FET Open

FET Flagships



Find Your area

## Future and Emerging Technologies

Article Newsroom

Future and Emerging Technologies (FET) go beyond what is known! Visionary thinking can open up promising avenues towards powerful new technologies.



The visionary aspects and exploratory characteristics of FET might make it sound like a kind of magic, but the mission of FET is actually very concrete: to turn Europe's excellent science base into a competitive advantage.

### Overview of H2020 FET projects related to:

- arts and science
- biotechnologies
- data analysis and FET promotion
- Global System Science
- green technologies
- medical and neuro-technologies
- nanotechnologies
- quantum technologies
- robotics
- technologies with new materials

Country map participation.

### FET Newsletters

- Subscribe
- FET Newsletters: Present & Past (pdf)

Updated (draft) Work Programme 2018-2020

Work Programme 2018 - 2020

Work Programme 2016 - 2017

Work Programme 2014 - 2015



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

# Портал учасників Participant Portal

The screenshot shows the 'Funding & tender opportunities' portal for the Horizon 2020 Framework Programme. The page features a blue header with the European Commission logo and navigation menus. A prominent banner highlights the 'Horizon 2020 Framework Programme (H2020)'. Below this, there are two informational boxes: one about the COVID-19 outbreak and another regarding service availability. The main content area includes a circular logo for 'Horizon 2020 Research & Innovation' and a list of links for finding calls for proposals. At the bottom, a search bar is visible, and a red circle highlights the text 'Find calls for proposals in Horizon 2020'.

This site uses cookies to offer you a better browsing experience. Find out more on [how we use cookies](#) and [how you can change your settings](#).

I accept cookies I refuse cookies

European Commission | Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDIA)

English EN Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Horizon 2020 Framework Programme (H2020) clear filter

**COVID-19 outbreak: visit the [European Research Area \(ERA\) corona platform](#) for information on related funding opportunities**

Latest news: [New coronavirus-related call just published!](#) // [New FAQs on Horizon 2020 calls and grants published on 10 May](#) // [Continuously updated info on extension of call deadlines](#)

Availability of F&T Services may be intermittent for short periods of time on Thursday, 11.06.2020, between 19:00 and 23:59 CET due to maintenance. Grant Management Services will be experiencing issues on Friday, 12.06.2020, between 07:30 and 08:10 CET. F&T Portal will be under maintenance on Friday, 12.06.2020 between 08:15 and 08:45 CET

**Horizon 2020 Research & Innovation**

Horizon 2020 is the EU funding programme for research and innovation

Horizon 2020 programme is running from 2014 to 2020 with a €80 billion budget. It provides research and innovation funding for multi-national collaboration projects as well as for individual researchers and supports SMEs with a special funding instrument.

For more information on Horizon 2020, please see the H2020 web site.

- Find calls for proposals
- Projects & Results
- SME Participations
- Financial Capacity Assessment
- What's new

**Find calls for proposals in Horizon 2020**

Search calls for proposals by keywords, programme parts...

Calls for Tenders are not available when you have selected a programme. [See all calls for tenders published by EC](#)

Funding & tenders

ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;callCode=null;freeTextSearchKeyword=FET;matchWholeText=true;typeCodes...

Нова nanka | samsung | NOD32 | avto | погода | FIN | HELSI | Гуртом — торрент... | Оригинальный но... | MEGOGO.NET

The Identity, Bank Account, Contracts & Payments functionalities in the Experts Area of the F&T Portal are unavailable on Monday 26.10.2020 between 20:00 and 21:30 CET.

### Funding and tenders (28)

Need help? | Sort by: Submission status

See all calls for tenders published by EC

**Grant** **FET Flagship on Quantum Technologies**

Closed

Programme	Horizon 2020 Framework Programme	Deadline model	single-stage
ID	FETFLAG-03-2018	Opening date	31 October 2017
Types of action	Coordination and support action, Research and Innovation action	Deadline date	20 February 2018 17:00:00 Brussels time

**Grant** **Preparatory Actions for new FET Flagships**

Closed

Programme	Horizon 2020 Framework Programme	Deadline model	two-stage
ID	FETFLAG-01-2018	Opening date	31 October 2017
Types of action	Coordination and support action	First stage deadline	20 February 2018 17:00:00 Brussels time
		Second stage deadline	18 September 2018 17:00:00 Brussels time

Submission status: Forthcoming, Open for submission, Closed(28)

Programming period: 2014 - 2020 (28)

H2020

Programme part: Select a Programme part...

8:32 27.10.2020



Funding & tenders

ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/fetflag-03-2018;callCode=null;freeTextSearchKeyword=FET;matchWholeText...

Нова nanka samsung NOD32 avto погода FIN HELSI Гуртом — торрент... Оригинальный но... MEGOGO.NET

# FET Flagship on Quantum Technologies

TOPIC ID: FETFLAG-03-2018

Grant

- General information
- Topic updates
- Topic description
- Conditions and documents
- Submission service
- Topic related FAQ
- Get support
- Call information
- Call updates

General information		
Programme	Work programme part	
<a href="#">Horizon 2020 Framework Programme</a>	<a href="#">Future and Emerging Technologies</a>	
Call	Work programme year	
<a href="#">FET FLAGSHIPS – Tackling grand interdisciplinary science and technology challenges (H2020-FETFLAG-2018-2020)</a>	H2020-2018-2020	
Type of action	Closed	
RIA Research and Innovation action, CSA Coordination and support action		
Deadline model	Opening date	Deadline date
single-stage	31 October 2017	20 February 2018 17:00:00 Brussels time

See budget overview

8:35 27.10.2020

Funding & tenders

ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/fetflag-03-2018;callCode=null;freeTextSearchKeyword=FET;matchWholeText...

Новая планка samsung NOD32 avto погода FIN HELSI Гуртом — торрент... Оригинальный но... MEGOGO.NET

**General information**

Topic updates

Topic description

Conditions and documents

Submission service

Topic related FAQ

Get support

Call information

Call updates

Funded project list

Go back to search results

**Topic updates**

Feb 26, 2018 10:13:41 AM

**A total of 141 proposals have been submitted in response to this call.**

1 CSA & 140 RIAs as specified per sub-topic below:

- a.Quantum Communication 12
- b.Quantum Computing System 10
- c.Quantum Simulation 7
- d.Quantum Metrology and Sensing 24
- e.Fundamental Science 87

show more...

**Topic description**

Specific Challenge:

To build a strongly networked European Quantum Technologies (QT) community around the common goals defined in the Strategic Research Agenda<sup>[1]</sup>. To create the European ecosystem that will deliver the knowledge, technologies and open research infrastructures and testbeds necessary for the development of a world-leading knowledge-based industry in Europe, leading to long-term economic, scientific and societal benefits. To move advanced quantum technologies from the laboratory to industry with concrete prototype applications and marketable products while advancing at the same time the fundamental science basis, in order to continuously identify new applications and find better solutions for solving outstanding scientific or technology challenges.

Scope:

show more...

8:39 27.10.2020



Funding & tenders

ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/fetflag-03-2018;callCode=null;freeTextSearchKeyword=FET;matchWholeText...

Нова nanka | samsung | NOD32 | avto | погода | FIN | HELSI | Гуртом — торрент... | Оригинальный но... | MEGOGO.NET

General information show more...

Topic updates

Topic description

Conditions and documents

Submission service

Topic related FAQ

Get support

Call information

Call updates

Funded project list

Go back to search results

### Start submission

No submission system is open for this topic.

[Need help?](#)

### Topic related FAQ

**Under call H2020-FETFLAG-2018-2020, topic FETFLAG-03-2018, can a partner from outside the EU (and associated countries - AC) participate in the call?**

Countries that are not Member States of the European Union or countries associated to Horizon 2020 (international partners) are allowed to participate in the action. But they are usu...

1 10

### Get support

Please read carefully all provisions below before the preparation of your application.

**H2020 Online Manual** is your guide on the procedures from proposal submission to managing your grant.

Participant Portal FAQ - Submission of proposals

8:42 27.10.2020

# Future and emerging technologies (FET)

*(Майбутні і нові технології)*

## • FET Open

*(відкритого типу)*



Фінансує проекти на нові ідеї для принципово нових технологій майбутнього, які зараз тільки розробляються

## • FET Proactive

*(проактивні)*



Має сприяти створенню нових наукових спільнот шляхом залучення дослідників з різних дисциплін для їхньої спільної роботи над новими технологіями

## • FET Flagships

*(флагмани)*



Це великомасштабні довгострокові науково-дослідні ініціативи для вирішення грандіозних наукових і технологічних завдань **Графен і Проект дослідження людського мозку** (новий проект по Квантових технологіях)

# Inclusive, innovative and reflective societies (IIRS)

*(Інклюзивні, інноваційні та розумні суспільства)*

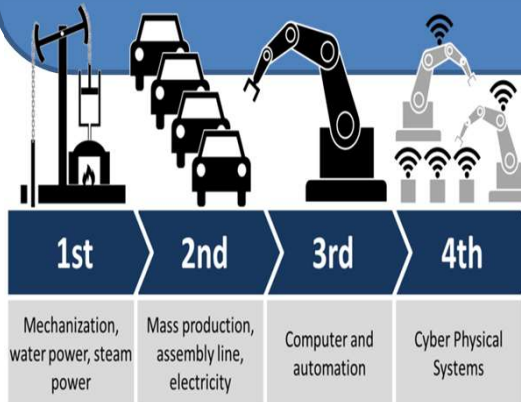
## • MIGRATION

*(Міграція)*



## • SOCIOECONOMIC AND CULTURAL TRANSFORMATIONS IN THE CONTEXT OF THE FOURTH INDUSTRIAL REVOLUTION

*(Соціально-економічні та культурні перетворення в контексті четвертої промислової революції)*



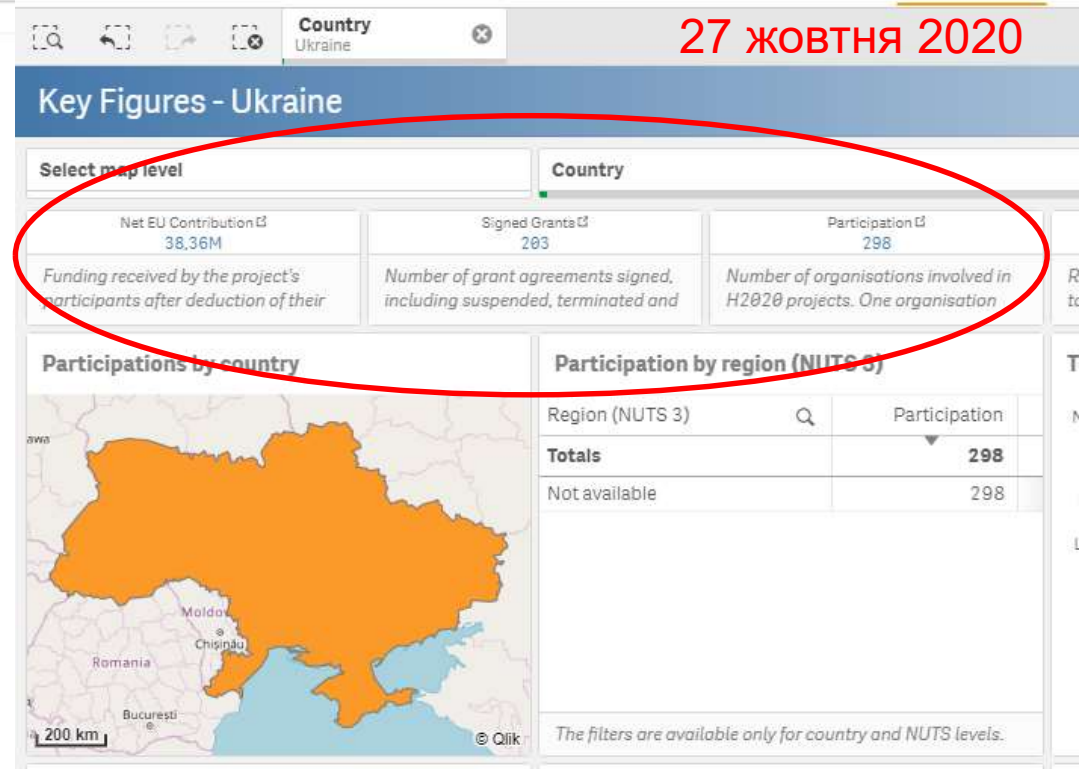
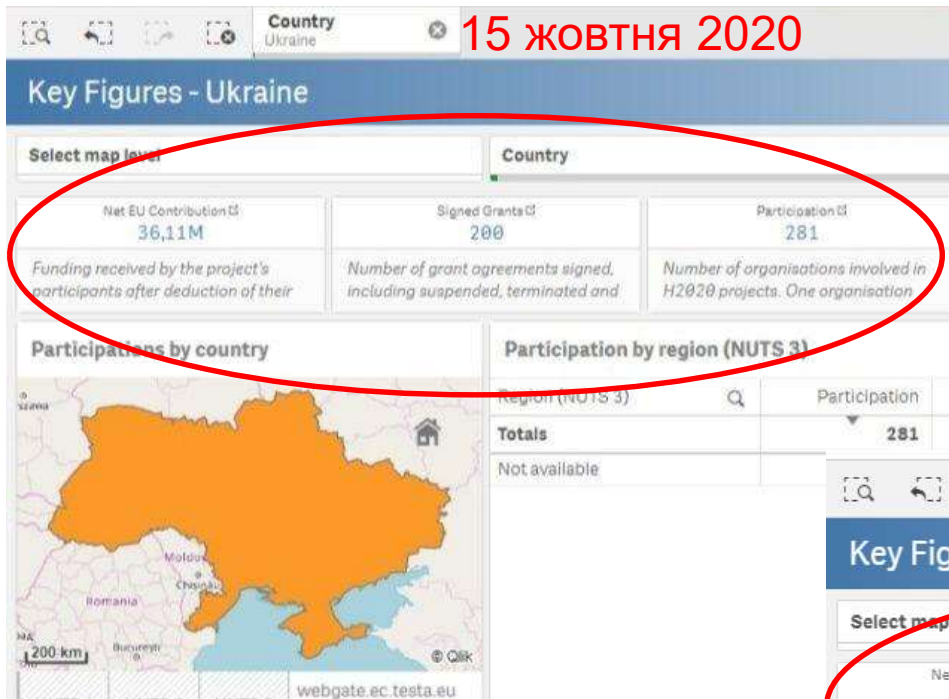
## • GOVERNANCE FOR THE FUTURE

*(Управління майбутнього)*



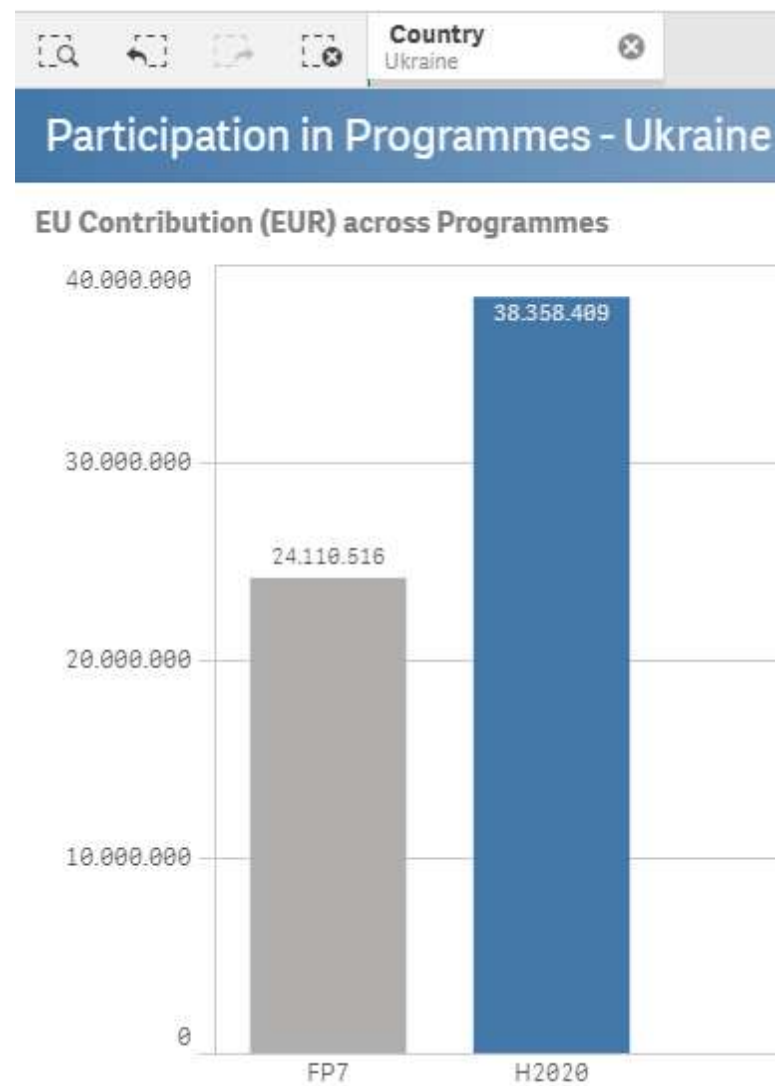
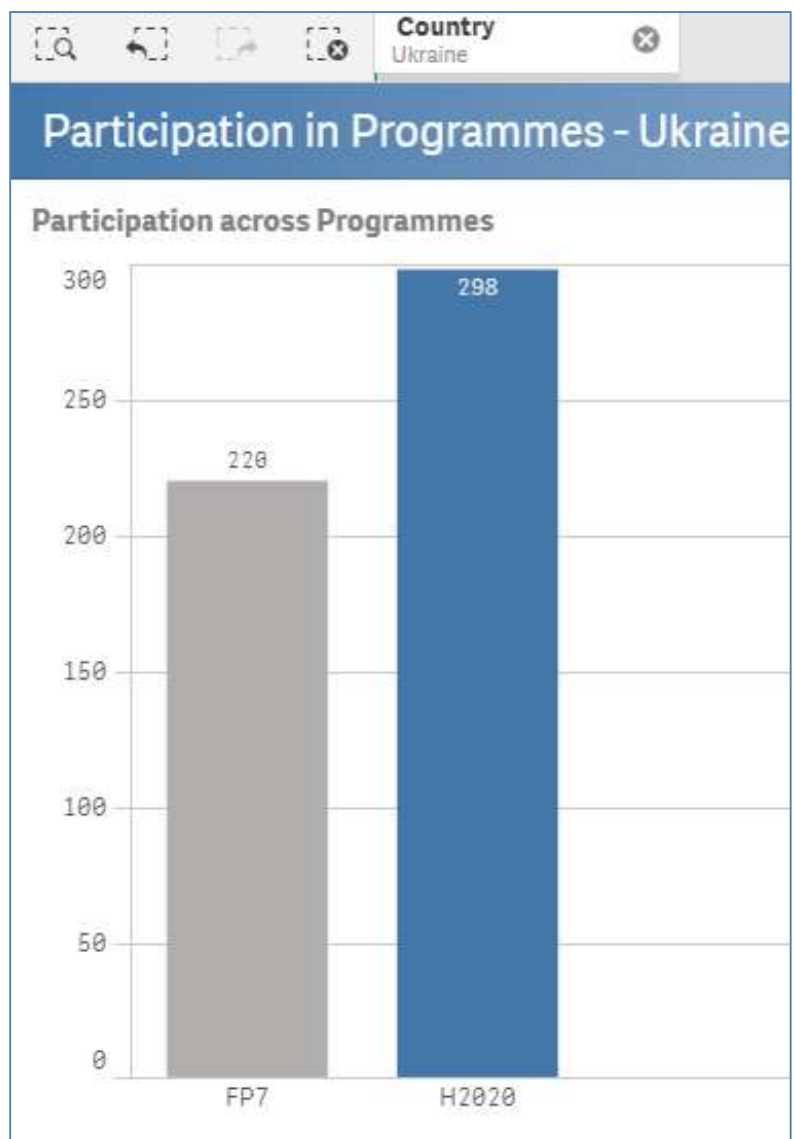
# Україна в Горизонт 2020

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

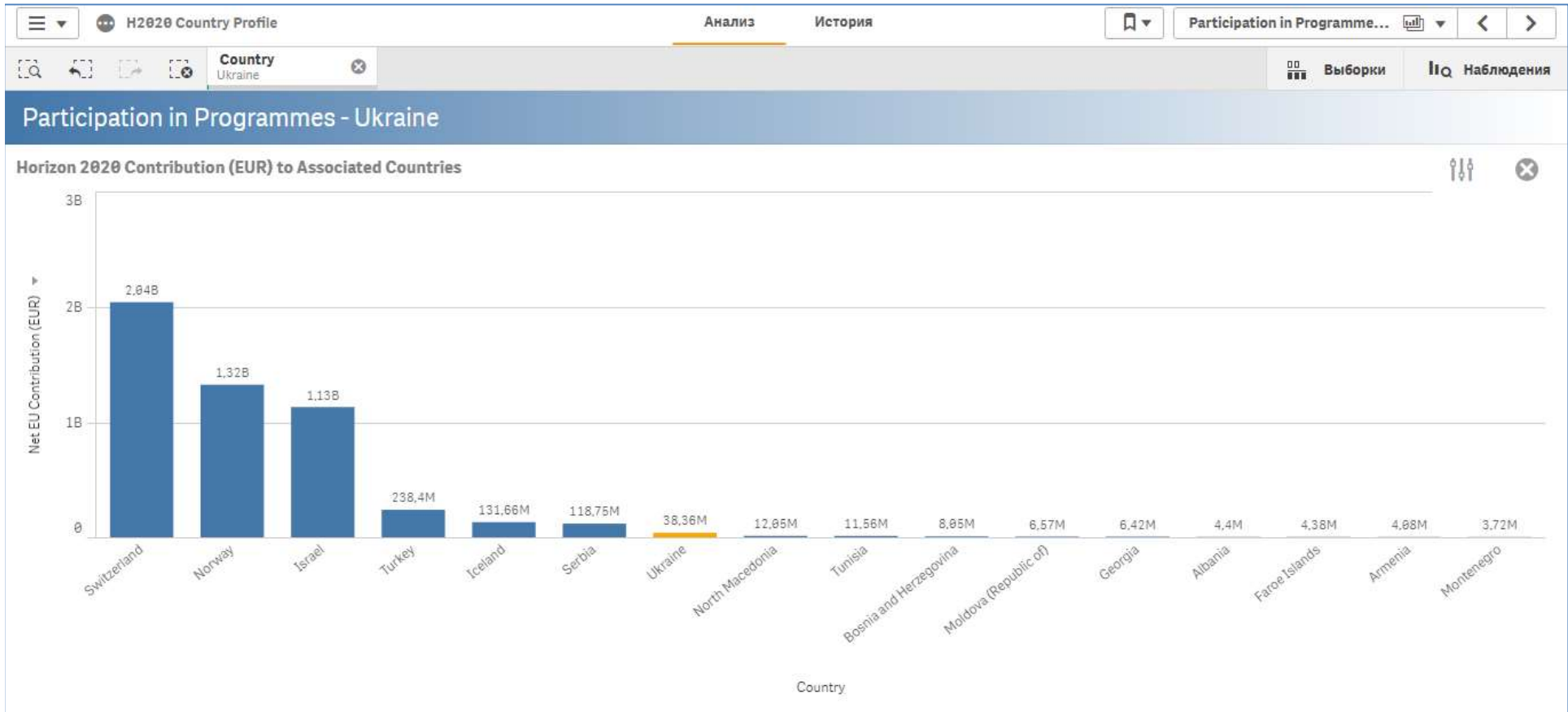
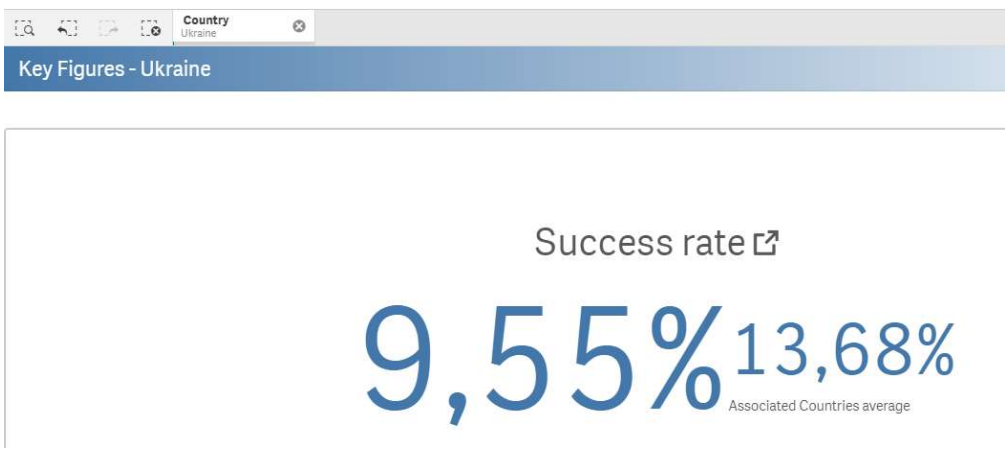




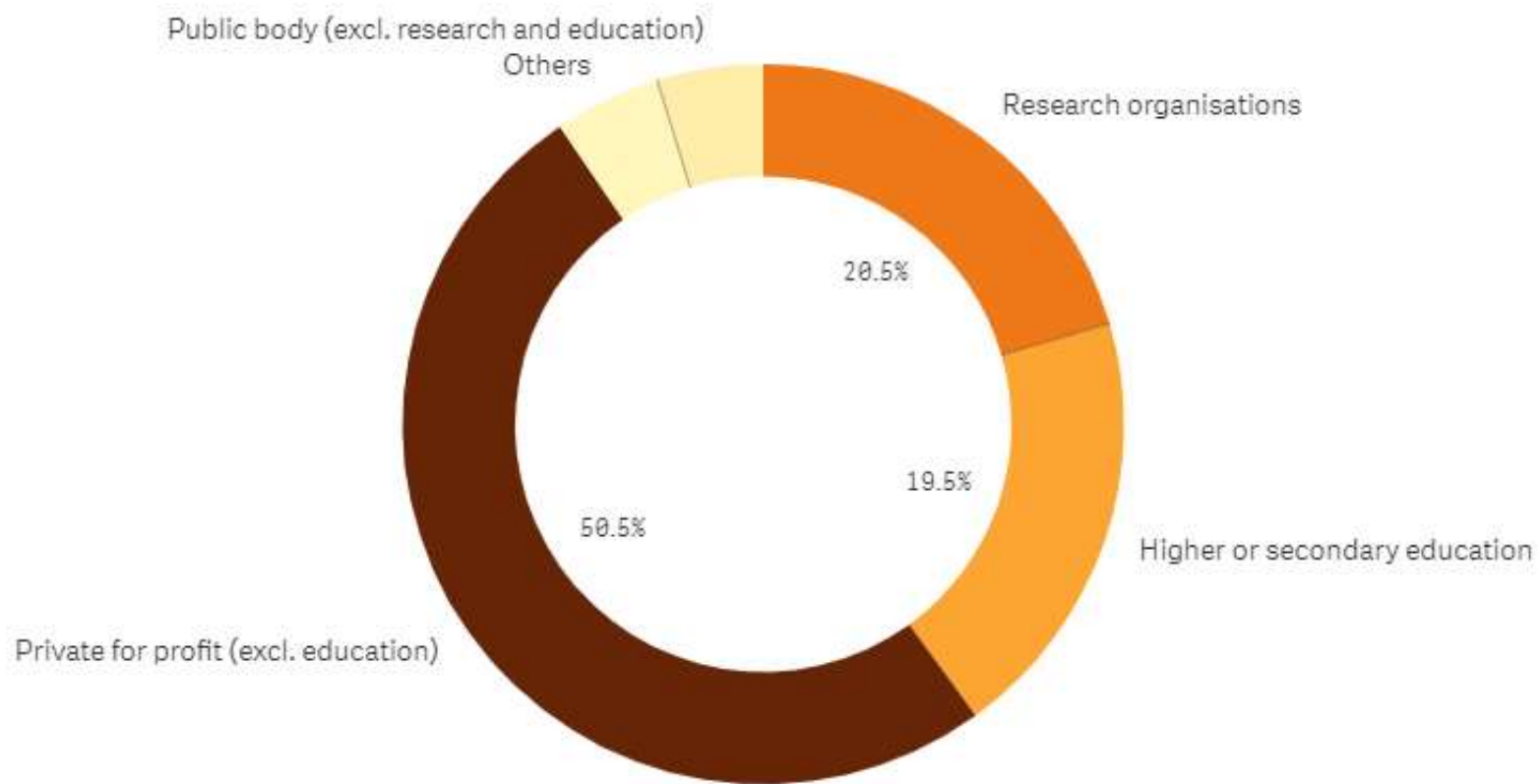
## Україна в Горизонт 2020



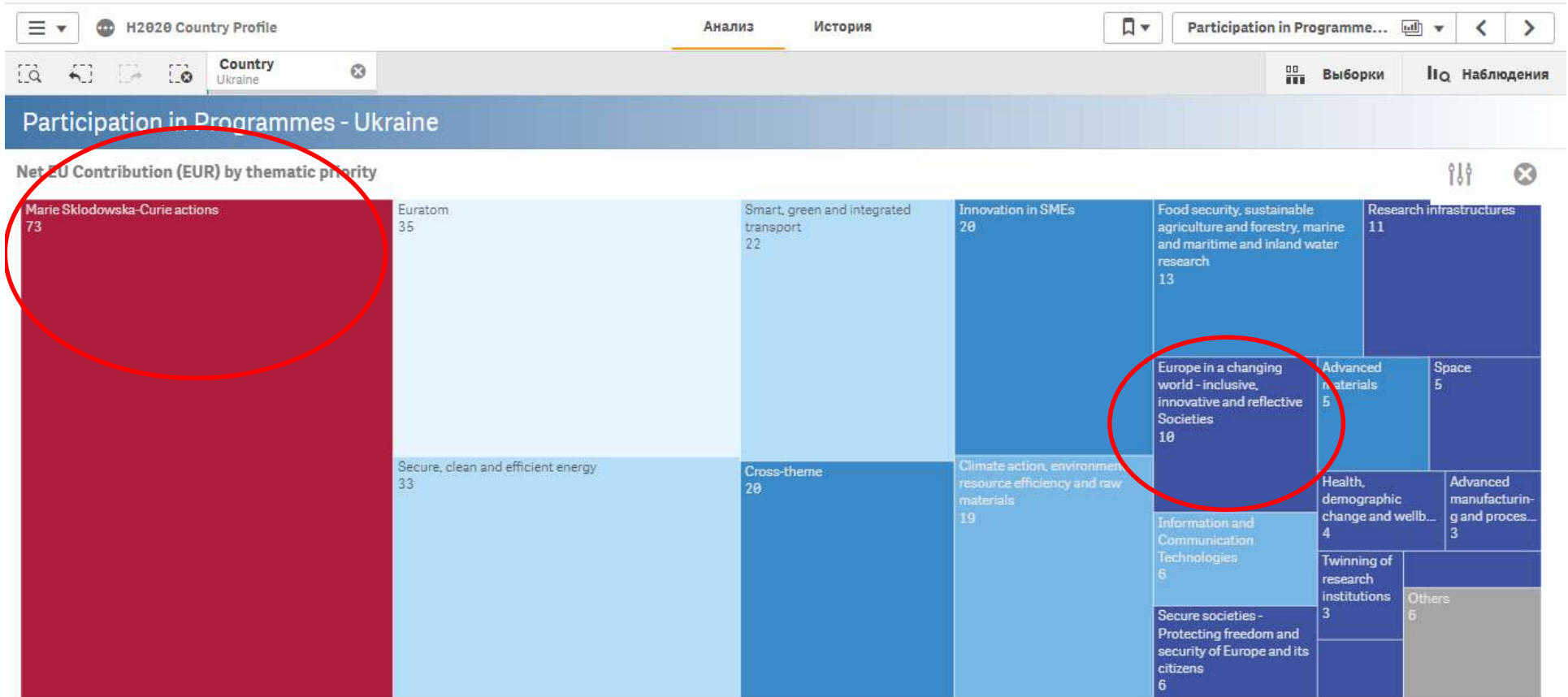
# Україна в Горизонт 2020



Types of organizations



# Україна в Горизонт 2020



Development of "smart" amplifiers of reactive oxygen species specific to aberrant polymorphonuclear neutrophils for treatment of inflammatory and autoimmune diseases, cancer and mveloablation.	NeuroCure	Future and Emerging Technologies	1	€ 400 000	Research and Innovation action	€ 400 000	861878	<a href="http://cordis.europa.eu/project/id/861878">http://cordis.europa.eu/project/id/861878</a>	FETOPEN-01-2018-2019-2020	FET-Open Challenging Current Thinking	LVIIVSKYI NATIONALNYI MEDYCHNYI UNIVERSYTET IMENI DANYLA HALYTSKOHO
--	-----------	----------------------------------	---	-----------	--------------------------------	-----------	--------	---	---------------------------	---------------------------------------	---



Приклади реальних проєктів за даними **CORDIS**:  
<https://cordis.europa.eu/projects/en>

The screenshot shows a web browser window with the URL [cordis.europa.eu/project/id/861878](https://cordis.europa.eu/project/id/861878). The browser's address bar and tabs are visible at the top. Below the browser, there is an orange banner with a COVID-19 news alert. The main header features the European Commission logo, the CORDIS logo, and a search bar. A dark blue navigation bar contains links for HOME, RESULTS PACKS, RESEARCH\*EU MAGAZINES, NEWS & EVENTS, PROJECTS & RESULTS, ABOUT US, and a LOG IN button. The main content area has a blue box labeled 'HORIZON 2020' and a large heading: 'Development of “smart” amplifiers of reactive oxygen species specific to aberrant polymorphonuclear neutrophils for treatment of inflammatory and autoimmune diseases, cancer and myeloablation.' Below the heading is a 'Fact Sheet' button. The 'Project description' section includes language selection buttons for DE, EN, ES, FR, IT, and PL. On the right, a 'Project Information' box lists 'NeuroCure' and 'Grant agreement ID: 861878'. At the bottom, a blue cookie consent banner asks for permission to use cookies, with 'I accept cookies.' and 'I refuse cookies.' buttons.

## Project description



### Targeted amplification of reactive oxygen species could fight serious diseases

A diet rich in antioxidants could protect against a variety of pathologies from cancer and neurological disorders to cardiovascular disease. Antioxidants soak up free radicals among which are reactive oxygen species (ROS). ROS, as their name suggests, are unstable molecules containing oxygen that easily react with other molecules in a cell. Initially considered damaging agents, we now know they also play a key role in healthy cell processes. The key seems to be in the amount of time they are present and at what levels in specific cells. NeuroCure is developing ways to control the spatial and temporal amplification of ROS generation to effectively treat severe pathological conditions characterised by a dysfunction in ROS homeostasis.

Show the project objective

### Field of science

/medical and health sciences/clinical medicine/oncology/cancer

This site uses cookies to offer you a better browsing experience.

#### Project Information

NeuroCure

Grant agreement ID: 861878

Status

Ongoing project

Start date

1 January 2020

End date

31 December 2024

Funded under  
H2020-EU.1.2.1.

Overall budget  
€ 2 999 998,75

EU contribution  
€ 2 999 998,75



Coordinated by  
FRIEDRICH-ALEXANDER-UNIVERSITAET

ERLANGEN-NUERNBERG

Germany

#### Programme(s)

H2020-EU.1.2.1. - FET Open

#### Topic(s)

FETOPEN-01-2018-2019-2020 - FET-Open Challenging Current Thinking

#### Call for proposal

H2020-FETOPEN-2018-2019-2020-01

See other projects for this call

#### Funding Scheme


RIA - Research and Innovation action

## Participants (6)

Sort alphabetically ↕

Sort by EU Contribution ↕

Expand all

	<b>UNIVERSITY OF SURREY</b>  United Kingdom	EU contribution € 410 998,75	▼
	<b>UNIVERSITÄT SKLINIKUM ERLANGEN</b>  Germany	EU contribution € 640 000	▼
	<b>LVIVSKYI NATIONALNYI MEDYCHNYI UNIVERSYTET IMENI DANYLA HALYT SKOHO</b>  Ukraine	EU contribution € 400 000	▼
	<b>CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (F.S.P.)</b>  Spain	EU contribution € 400 000	▼
	<b>REDOXIS AB</b>  Sweden	EU contribution € 400 000	▼
	<b>INSTITUT GUSTAVE ROUSSY</b>  France	EU contribution € 120 000	▼



## Coordinator



**FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-  
NUERNBERG**

Address

**Schlossplatz 4  
91054 Erlangen  
Germany**

Website [↗](#)

Activity type

**Higher or Secondary  
Education Establishments**

Contact the organisation [↗](#)

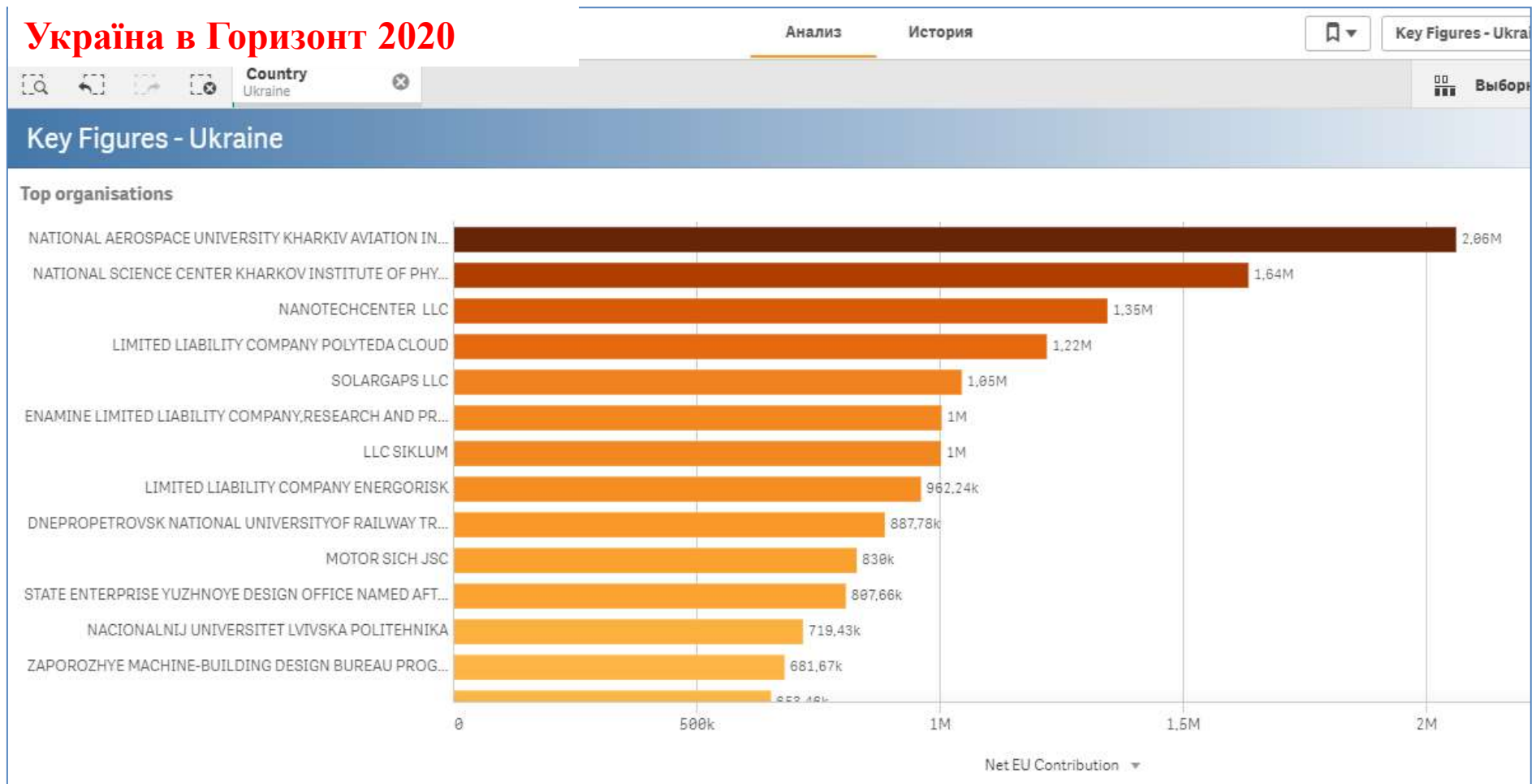
EU contribution

**€ 629 000**

[This site uses cookies to offer you a better browsing experience.](#)

I accept cookies



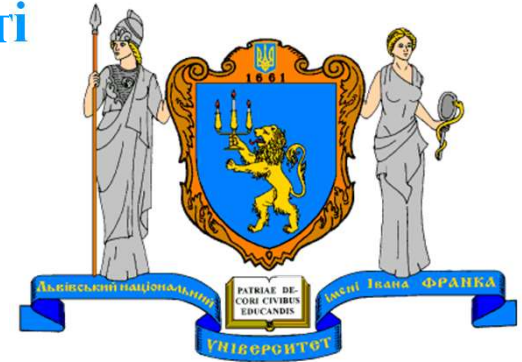


ЛНУ ім. І. Франка, у консорціум входять 12 країн  
координатор: University of Tor Vergata, Department of Biology (UNITOV), Italy

**"RESponsible research and innovation grounding practices in BIOSciences (RESBIOS)"** (Science with and for Society, H2020-SwafS-2018-2020, 2020–2023).

назва проекту: "Діяльність, що забезпечує відповідальність у наукових дослідженнях та впровадження інновацій у біологічних науках"

# Інформація про НКП програми «Горизонт 2020» у Львівському національному університеті імені Івана Франка



## ТЕМАТИЧНІ НАПРЯМИ

### **1. Future and emerging technologies**

*(Майбутні і нові технології)*

### **2. Inclusive, innovative and reflective societies**

*(Інклюзивні, інноваційні та розумні суспільства)*

Керівник НКП Заремба Оксана Іванівна

Адреса: м. Львів, вул. Кирила і Мефодія, 6, кім. 406

Тел.: +38 032 2394506, +38 093 4846131

Е-mails: [horizon2020@lnu.edu.ua](mailto:horizon2020@lnu.edu.ua), [oksanazaremba@gmail.com](mailto:oksanazaremba@gmail.com)

## **Горизонт Європа:**

[https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme\\_en](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme_en)