

Participation of Ukraine in Horizon 2020 calls under priority NMBP. Practical recommendations

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OUTLINE

- ▶ Some key priorities (Horizon dashboard)
- ▶ Key figures (participation of Ukrainian organizations)
- ▶ Samples of funded projects
- ▶ The main benefits of participation in Horizon 2020 projects (FIBRALSPEC project)
- ▶ Practical recommendations

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Анализировать
Лист

Комментировать
Повествование

Key Figures - Ukraine

Country
Ukraine

Выборки

Key Figures - Ukraine

Select map level

Country

Country Group

Net EU Contribution 0.75% of Associated Countries total

45,74M

Funding received by the project's participants after deduction of their linked

Signed Grants 2.89% of Associated Countries total

230

Number of grant agreements signed, including suspended, terminated and

Participation 2.38% of Associated Countries total

323

Number of organisations involved in H2020 projects. One organisation

Success rate 13.33% Associated Countries average

9,21%

Ratio of the retained proposals to the total number of eligible proposals received

Eligible Proposals 0.77% of Associated Countries total

2 204

Proposals that have not failed at the eligibility or admissibility step of the

Applications 3.41% of Associated Countries total

2.843

Number of organisations applying for Horizon 2020 grants. One organisation

Participations by country



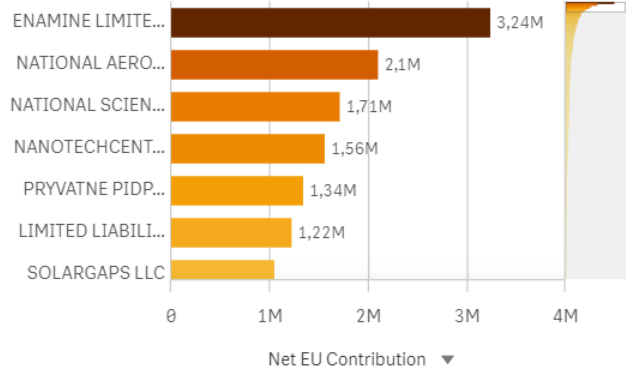
NUTS 1NUTS 2NUTS 3

Participation by region (NUTS 3)

Region (NUTS 3)	Participation
Totals	323
Not Available	323

The filters are available only for country and NUTS levels.

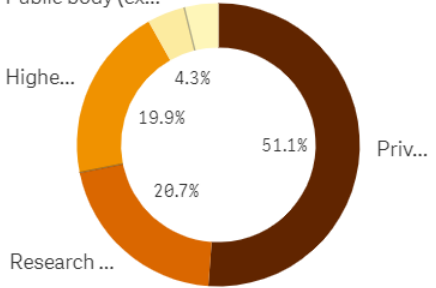
Top organisations



Organisation	Net EU Contribution
ENAMINE LIMITE...	3,24M
NATIONAL AERO...	2,1M
NATIONAL SCIEN...	1,71M
NANOTECHCENT...	1,56M
PRYVATNE PIDP...	1,34M
LIMITED LIABILI...	1,22M
SOLARGAPS LLC	

Types of organisations

Based on the net EU Contribution



Organisation Type	Percentage
Private	51.1%
Research	20.7%
Higher education	19.9%
Public body	4.3%

The designations employed and the presentation of material on the map do not imply the expression of any opinion whatsoever on the part of the European Union concerning the legal status of any country, territory or areas or of its authorities, or concerning the delimitation of its frontiers or boundaries.

ERC Principal Investigators 1

Net EU contribution to ERC PIs 2M

EIC Participation 19

Seal of Excellence 36

MSCA Participation 83

MSCA unique participants 51

Experts 80

Proposals evaluated per expert 41,69

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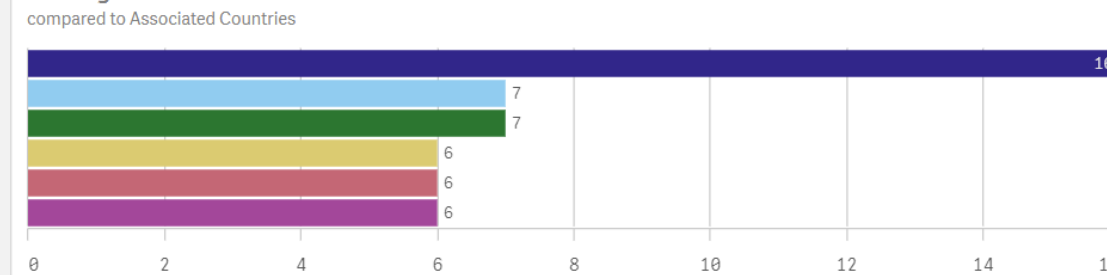
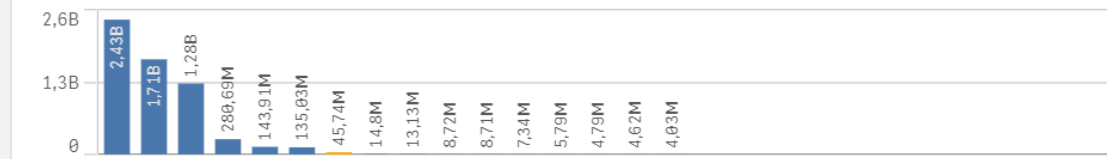
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13°C Rain showers

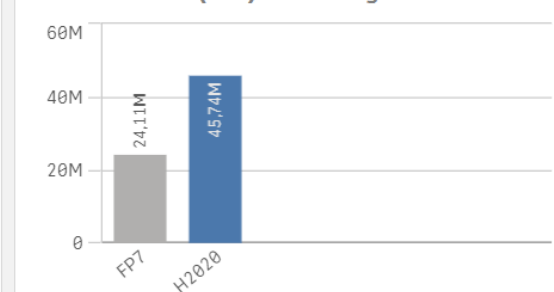
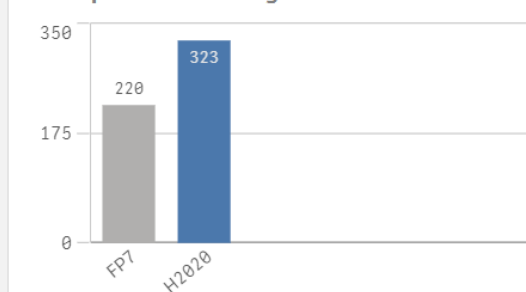
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Country	Country Group
Budget share rank 7 out of 16Associated Countries Ranking position based on funding received from H2020, for a country in its country group	Participation rank 7 out of 16Associated Countries Ranking position based on the participations in H2020, for a country in its country group



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Marie-Sklodowska-Curie Actions 83	Euratom Research and Training Programme 35	Climate action, environment, resource efficiency and raw materials 24	Innovation in SMEs 20	Europe in a changing world - inclusive, innov...	12	Research Infrastructures 12	
				Secure societies - protecting freedom...	11	Cross-theme 10	Others 8
	Secure, clean and efficient energy 35	Smart, green and integrated transport 23	Food security, sustainable agriculture and forestry, marine and maritime an...				



KEY PRIORITIES

► Advanced technologies

2014 – 2020 pp. -184 grant agreements with total EC funding 1,22 billions Euro

Ukraine - 5 participations, 1,33 mil. Euro

Advanced manufacturing and processing

2014 – 2020 pp. -192 grant agreements with total EC funding 1,72 billions Euro

Ukraine - 3 participations, 553 000 Euro

Advanced technologies

- ▶ 1. Modified cost effective fibre based structures with improved multifunctionality and performance (КБ “Південне”, 2016 – 2020)
- ▶ 2. All solid-state reliable battery for 2025(“ЮНАСКО-УКРАЇНА”, 2020 – 2023) [6].
- ▶ 3. Safety by design of nanomaterials -from lab manufacture to governance and communication: Progressing Up the TRL Ladder (“Нанонехцентр”, 2020 – 2023)
- ▶ 4. Open innovation test bed for electrochemical energy storage materials (“ЮНАСКО-УКРАЇНА”, 2019 – 2022) [8].
- ▶ 5. Strategic and targeted support to incentivise talented newcomers to NMP projects under Horizon Europe – FIT-4-NMP (НАН України, 2021 – 2023)

Advanced manufacturing and processing

- ▶ 1. A novel decentralized edge-enabled prescriptive and proactive framework for increased energy efficiency and well-being in residential buildings (Придніпровська державна академія будівництва і архітектури, Приватне будівельно-монтажне підприємство “Строитель”, 2020 – 2023)
- ▶ 2. Smart innovative system for recycling wastewater and creating closed loops in textile manufacturing industrial processes (Інститут молекулярної біології та генетики НАНУ, 2020 – 2023)

KEY PRIORITIES

► Nanotechnologies

2014 – 2020 pp. -386 grant agreements with total EC funding 592 millions Euro

Ukraine - 2 participations, 100 000 Euro

► Biotechnologies

2014 – 2020 pp. -130 grant agreements with total EC funding 326 millions Euro

Ukraine -0

Nanotechnologies

- ▶ 1. Technology for onsite 3D printing production of lengthy large diameter polyethylene pipes with cellular walls (Приватне підприємство Домініон, 2017 – 2018).
- ▶ 2. xbeam 3D metal printing (НВО Червона хвиля, 2017 – 2017).

The main benefits of participation in Horizon 2020 projects (FIBRALSPEC project)

Functionalised Innovative Carbon Fibres Developed from Novel Precursors With Cost Efficiency and Tailored Properties (FIBRALSPEC)

Ukrainian participants – IPMS NASU, SDO YUZHNOYE

Cooperation with industrial partners not only from Ukraine (Greece, Portugal and etc. boats, tents, sport and etc.)

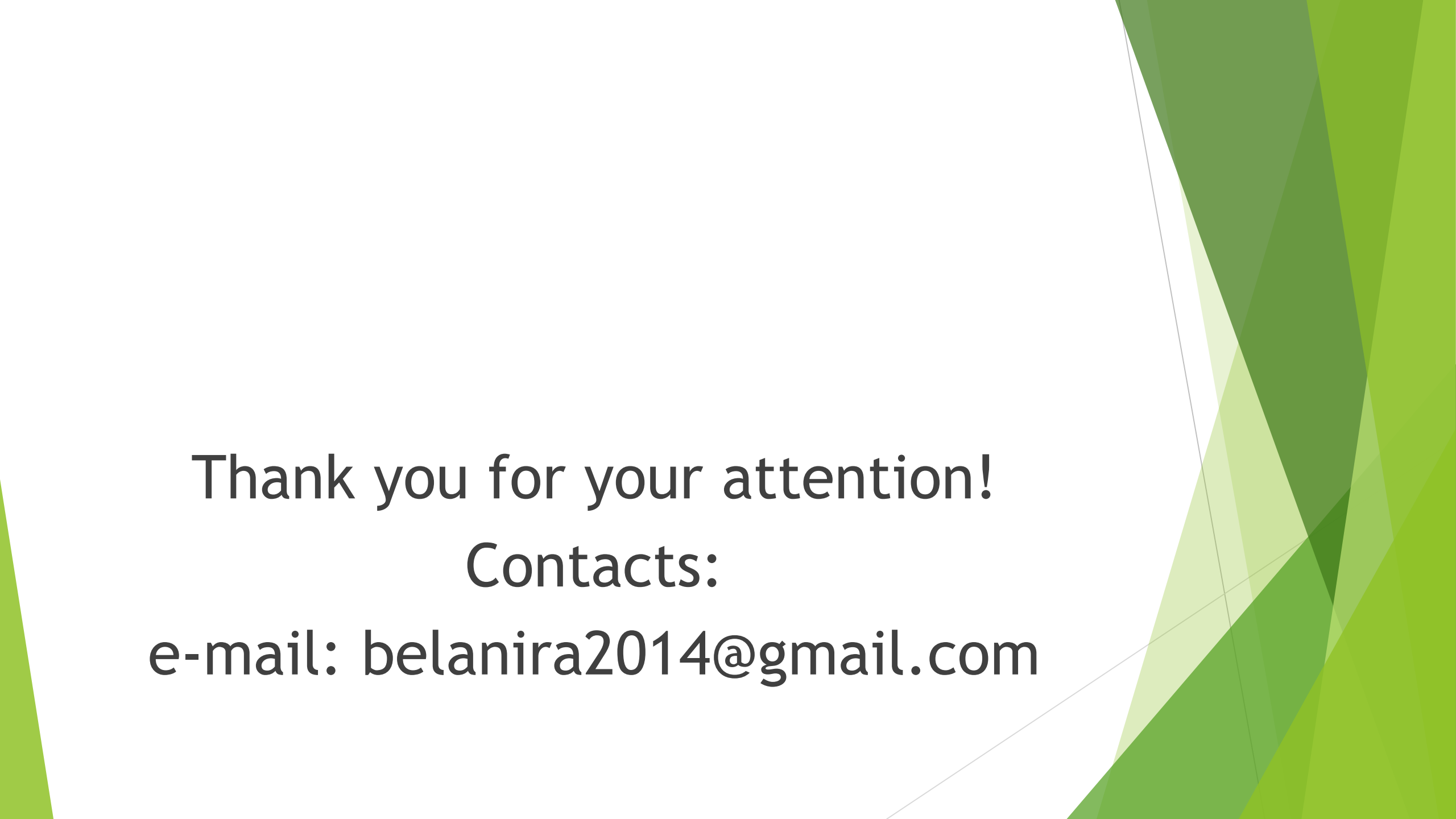
Industrial line for creation of fibers with advanced properties

Publications

Conferences

Participation in COST project

Participation in new proposals

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Thank you for your attention!

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