



Marie Skłodowska-Curie Actions Staff Exchanges

MSCA SE Infoday Montenegro, 30 November 2021

Amir Spahić

European Research Executive Agency



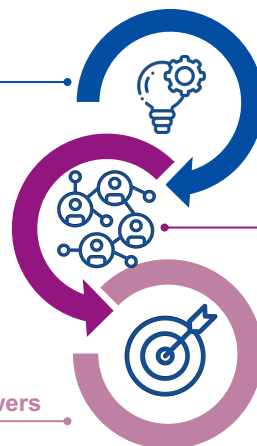
@REA_research, @MSCActions

1

Overview

1. Policy background

Horizon Europe & MSCA



2. MSCA Staff Exchanges

- Objectives
- Added value
- Eligibility rules
- Budget
- Key features
- Proposal submission
- Evaluation criteria
- Next calls
- Tips&Tricks

3. Questions and answers

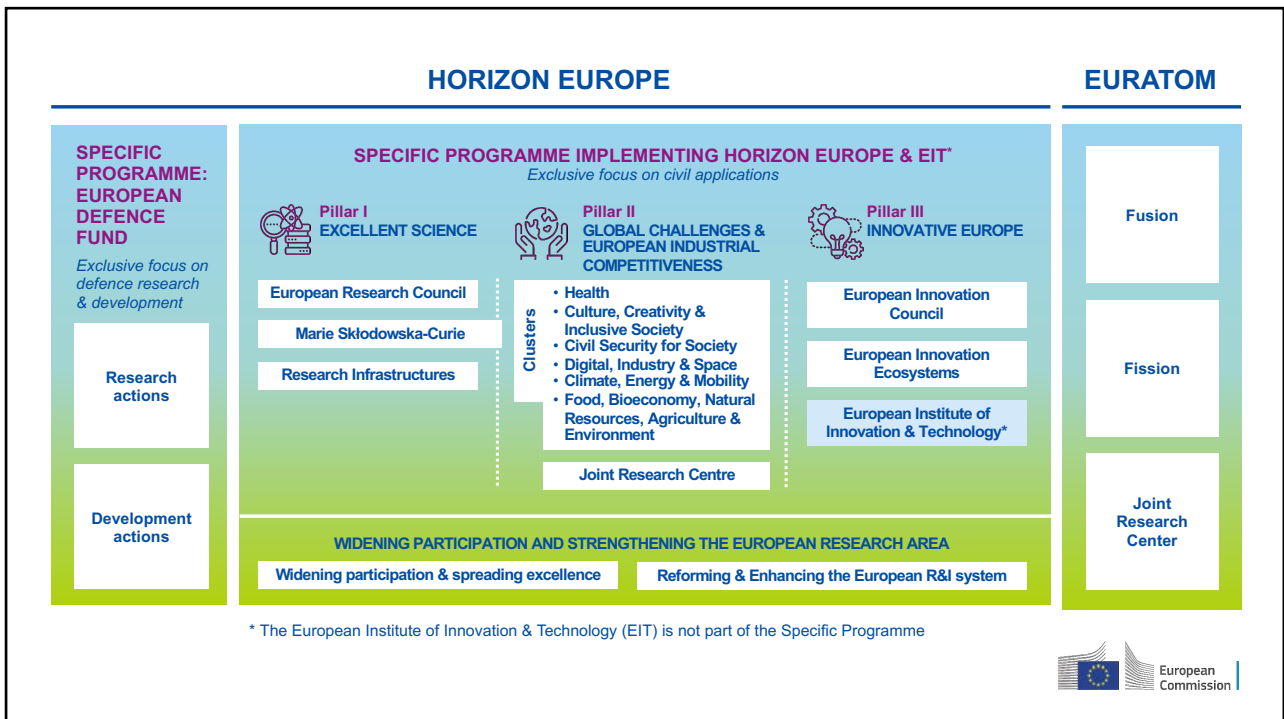


2

1. Policy background



3



4

Five Missions Areas



Adaptation to climate change, including societal transformation



Cancer



Healthy oceans, seas, coastal & inland waters



Climate-neutral & smart cities

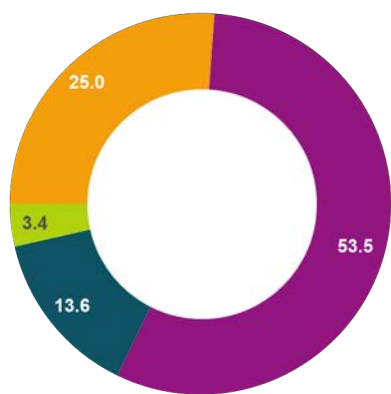


Soil health & food



5

Horizon Europe Budget: €95.5 billion (2021-2027)



- Excellent Science
- Global challenges and European ind. comp.
- Innovative Europe
- Widening Part and ERA



6

Pillar I: Excellent Science

Reinforcing and extending the excellence of the Union's science base

European Research Council

Frontier research by the best researchers and their teams

€16 billion

Marie Skłodowska Curie Actions

Equipping researchers with new knowledge and skills through mobility and training

€6.6 billion

Research Infrastructures

Integrated and inter-connected world-class research infrastructures

€2.4 billion



7

Marie Skłodowska-Curie Actions (MSCA)

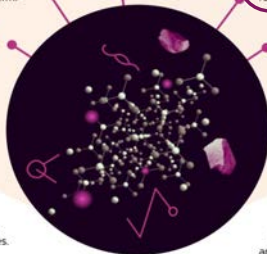
The MSCA have **5** main actions

Doctoral Networks
 Implement doctoral programmes (including joint doctorates and industrial doctorates) by international partnerships of organisations from different sectors. They train highly-skilled doctoral candidates, stimulate their creativity, enhance their innovation capacities and boost their employability in the long-term.

Postdoctoral Fellowships
 support researchers' careers and foster excellence in research and innovation. Researchers holding a PhD can carry out their research activities, acquire new skills and develop their careers abroad, whilst developing competences in non-academic sectors and working within interdisciplinary teams.

Staff Exchanges
 encourage short-term international and inter-sectoral exchanges of research and innovation staff through sustainable, collaborative projects in Europe and beyond. By doing so, they enhance knowledge and skills transfer and increase organisations' research and innovation capacities.

MSCA and Citizens
 brings research and researchers closer to children, families and the public at large through the European Researchers' Night - the annual research communication and promotion event taking place at the end of September across EU Member States and Horizon Europe Associated Countries.

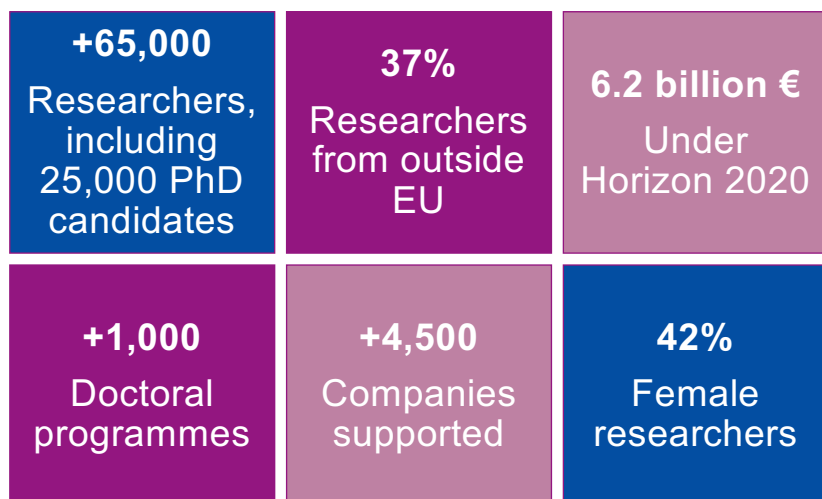


COFUND
 co-finances regional, national and international doctoral and postdoctoral programmes for researchers' training and career development. The COFUND action spreads MSCA's best practices by setting high standards and excellent working conditions, and boosts training and international, interdisciplinary and inter-sectoral mobility.



8

MSCA: Key figures 2014-2020



9

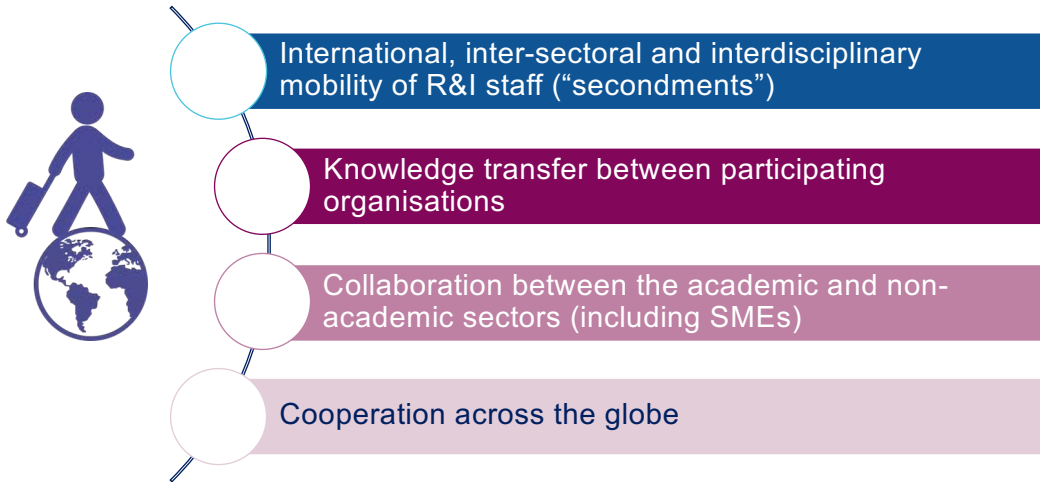
2. Staff Exchanges

Main features



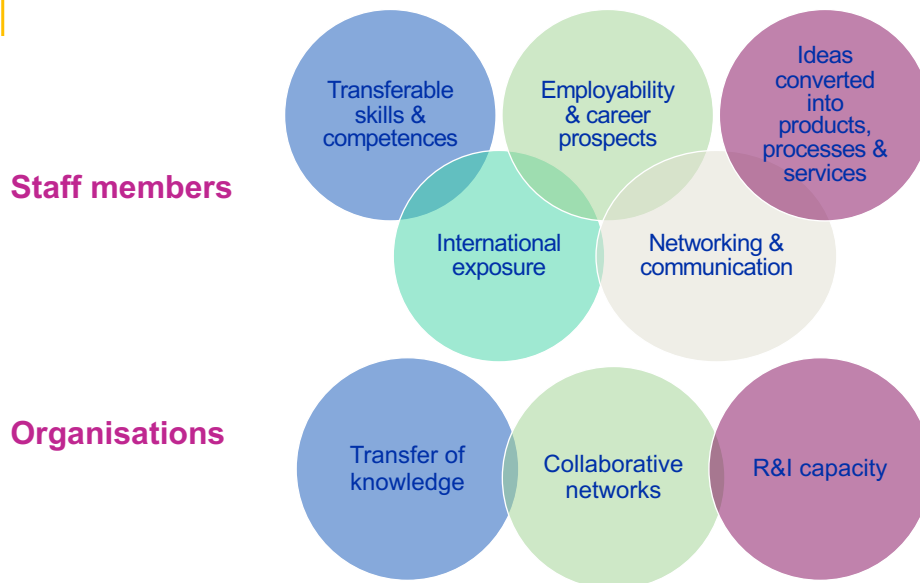
11

Objectives



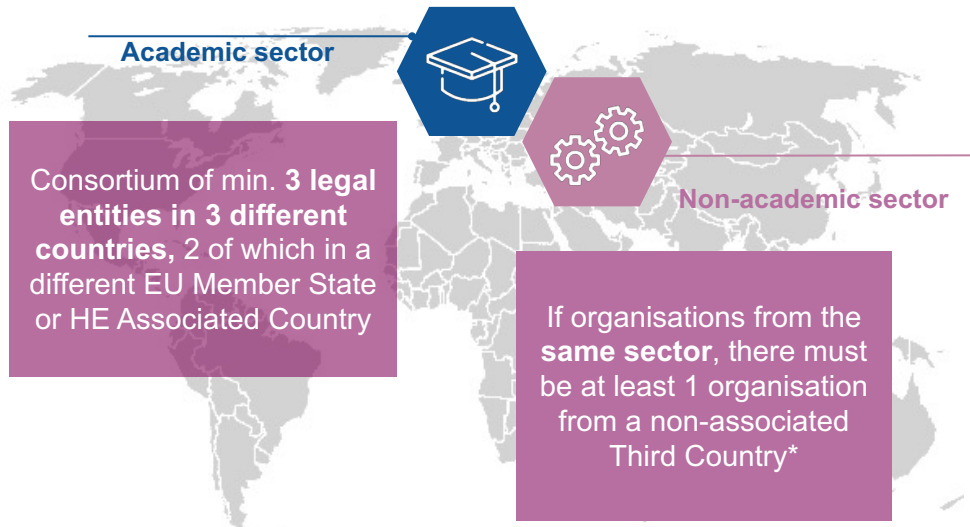
12

Added value



13

Eligible participants

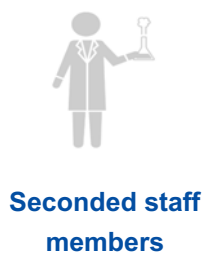


* Secondments within EU MS or HE AC must be between different sectors (between academic and non-academic), except for interdisciplinary secondments, which must be limited to a maximum of 1/3 of the total implemented months.



14

Eligible staff



Any type of staff involved in R&I activities (researchers, administrative staff, managerial staff, technical staff)

Each staff member is seconded for a period of **1 to 12 months** (may be split into several stays)

Researchers at any career stage (from doctoral candidates to postdoctoral researchers)

Staff needs to be devoted **full-time** to the action during the secondment



Actively engaged in research and/or innovation activities for at least **1 month** prior at the sending institution

After the secondment, staff should **return to their sending institution**



15

Eligible exchanges

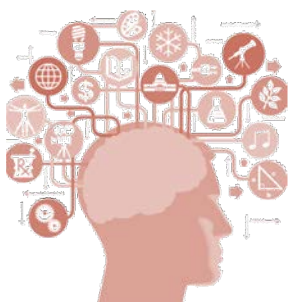
		"HOSTING" (receiving seconded staff members)		
		Academic organisation in MS/AC (1)	Non-academic organisation in MS/AC (2)	Organisation in TC*
"SENDING" (seconding staff members from organisation)	Academic organisation in MS/AC (1)	1/3	✓	✓
	Non-academic organisation in MS/AC (2)	✓	1/3	✓
	Organisation in TC*	✓	✓	✗

1/3 This symbol refers to same sector secondments up to 1/3 of the total implemented secondments funded by the EU as long as they are demonstrated to be interdisciplinary.
* denotes TC partners that are eligible for automatic funding



16

Same-sector secondments in Europe (MS/AC)



≤ 1/3 of the total secondments funded by the EU,
if considered **Interdisciplinary**

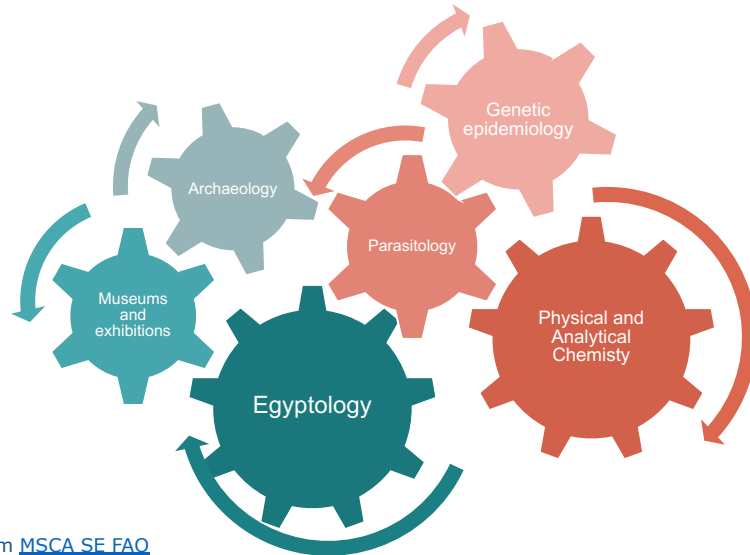
Interdisciplinary secondments integrate aspects
from two or more different scientific disciplines.

Important: **scientific panels + descriptors/first level
MSCA keywords** from proposal form part A
(see [REA Website](#))



17

Interdisciplinary mobility explained (1)



18

Interdisciplinary mobility explained (2)



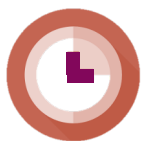
20

What does Staff Exchanges fund?



21

Key features – summary



DURATION

4 years
360 PM per project



SECONDMENTS

1-12 months per staff
Interdisciplinary
secondments: same sector, within Europe for max 1/3 PM



UNIT COST

4600€
2300€ - Staff allowance
2300€ - organisation



BUDGET

EU funding average
75,5 Mio€/call



22

2. Staff Exchanges

Proposal submission & evaluation



23

Proposal Submission



All calls are published on the **Funding and Tender Opportunities Portal**. Applications are submitted through the portal:

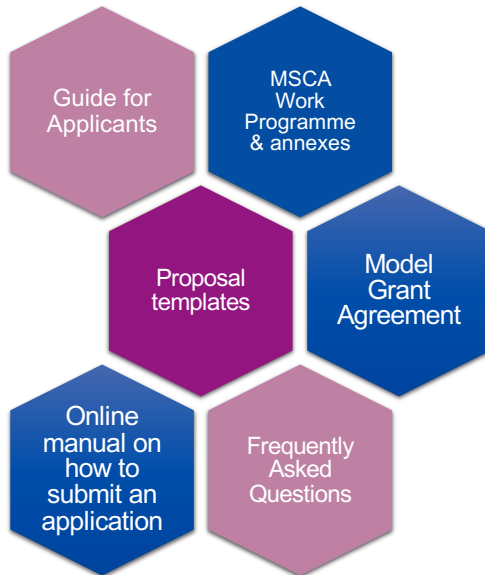
- Find your call
- Sign in to the portal and register your organisation (get a PIC number)
- Find partners
- Apply!

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



24

Reference Documents



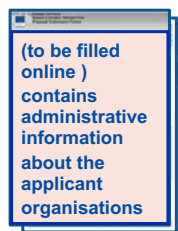
25

Proposal documents

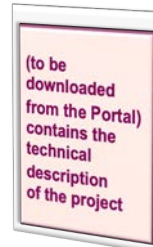


Apply here!

**Part A
(structured data)**



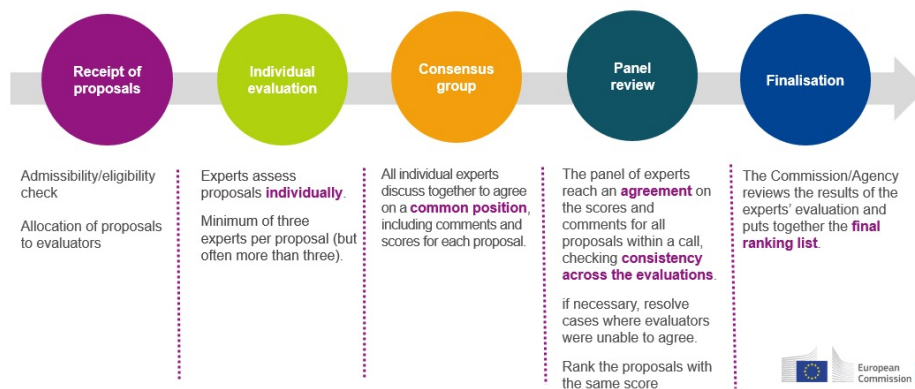
**Part B
(description of action)**



26

SE – evaluation

Overview of the process



27

Evaluation criteria

Excellence	Impact	Quality and efficiency of the implementation
Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)	Developing new and lasting research collaborations , achieving transfer of knowledge between participating organisations and contributing to improving research and innovation potential at the European and global level	Quality and effectiveness of the work plan , assessment of risks , and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology (including i3 approaches, consideration of the gender dimension and other diversity aspects, and the quality of open science practices)	Credibility of the measures to enhance the career perspectives of staff members and contribution to their skills development	Quality, capacity and role of each participant, including hosting arrangements and extent to which the consortium as a whole brings together the necessary expertise
Quality of the proposed interaction between the participating organisations in light of the research and innovation objectives	Suitability and quality of the measures to maximise expected outcomes and impacts , as set out in the dissemination and exploitation plan, including communication activities The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
50%	30%	20%

European Commission

28

Tips and tricks

<p>Closely follow the call requirements Be in line with the action's objectives and expected outcomes</p>	<p>Follow available guidelines Use the structure provided in the template and address all the evaluation criteria</p>	<p>Highlight the EU dimension Show that your proposal addresses EU policy priorities and/or societal challenges</p>
<p>Get a second opinion Have your proposal proof-read by a colleague and pre-screened by your NCP</p>	<p>Sustainability of collaboration Describe the benefits of cooperation and how they can go beyond this project</p>	<p>Contact your National Contact Point (NCP)</p>



29

Next MSCA SE calls

Call	2021		Call	2022	
	Opening Closing	Budget (M€)		Opening Closing	Budget (M€)
Staff Exchanges	07/10/2021 09/03/2022	72,5	Staff Exchanges	06/10/2022 08/03/2023	77,5

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

<https://cordis.europa.eu/en>



30

4. Success Stories



31

WASTCArD 645759 (RISE-2014)

Wrist and arm sensing technologies for cardiac arrhythmias detection

Success stories



WASTCArD is a project in LIFE panel that investigated enabling technologies for non-invasive recording heart rhythm during long periods of time (>36h), using a wrist or arm wearable device with novel ECG sensing techniques and embedded real-time cardiac arrhythmia detection processes.



- UK Coordinator
- 6 Beneficiaries in Europe (FR, IE, 2HR, 2UK) including 2 non-academic (SME) partners (HR)
- 4 TC partner (2VE, BR, CO)



324, 000 EUR



32

PapaBuild 690970 (RISE-2015)

Advanced physical-acoustic and psycho-acoustic diagnostic methods for innovation in building acoustics

Success stories



PapaBuild is a project in PHYSICS panel that addressed the link between subjective and objective performance of sound insulation and proposed innovative technical improvements of sound insulation.

 679, 500 EUR



- Belgian Coordinator
- 6 Beneficiaries in Europe (HR, AT, SI)
- 2 non-academic (SME) partners (HR)



33

MAGNAMED 734801 (RISE-2016)

Novel magnetic nanostructures for medical applications

Success stories



MAGNAMED designs, fabricates, and assesses novel magnetic nanostructures (MNS) with unique spin configurations for innovative diagnostics and therapy techniques.

 846,000 EUR



- Spanish Coordinator
- 7 organisations in Europe
- 7 organisations in Third Countries
- 2 non-academic partners



34

NANOSURF 777926 (RISE-2017)

Nanostructural surface development for dental implant manufacturing

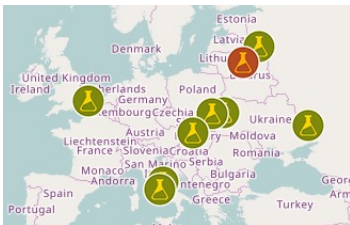
Success stories



Coordinator **Roman Viter**
(photos reused www.nanosurf.eu from European Researcher Night, Latvia)



NanoSurf dental implant research using nanostructured metal oxide coatings, 3D scaffolds, obtained by electrospinning deposition of organic nanofibers and laser patterning of the implant surface using biotechnology, cell engineering and nanotechnology.



- Latvia coordination
- 9 organisations in Europe
- 5 non-academic partners



1,008,000 EUR



35

CanbioSe 778157 (RISE 2017)

Novel 1D photonic metal oxide nanostructures for early stage cancer detection

Success stories



Coordinator **Donat Erts** with Photo reused from www.canbiose.lu.lv in interview with First Baltic Channel News

CanBioSe uses nanostructured metal oxide optical biosensors for cancer cells detection to develop a new portable tool for early stage cancer detection



- Latvia coordination
- 8 organisations in Europe
- 1 in Third Country
- 5 non-academic partners



1,282,500 EUR



36

RECOPHARMA 778266 (RISE-2017)

Removal and Recovery of Pharmaceutical Persistent Pollutants from Wastewater by Selective Reagentless Process

Success stories

RECOPHARMA aims to develop, validate and demonstrate a novel process based on Nanocomposites Functional Materials (NFMs) and Advanced Oxidation Processes (AOP) for an effective water treatment and decontamination from cytostatic drugs (CDs)



895,500 EUR



- Spanish Coordinator
- 6 Beneficiaries in Europe
- 2 Third Countries partners
- 2 non-academic (SME) partners



37

3. Questions & Answers



38

Thank you



European Research Executive Agency

 @REA_research, @MSCActions



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

Slides 2,8,9,10,13 element concerned, source: flaticon



39

Q&A

A banner for MSCA Marie Skłodowska-Curie Actions. It features a dark background with a stylized white bust of Marie Curie on the left, a molecular structure in the center, and various scientific symbols and shapes on the right. The text "MSCA Marie Skłodowska-Curie Actions" is prominently displayed in white, with the tagline "Developing talents, advancing research" below it. A vertical copyright notice on the right side reads "© European Union, 2021. (CC BY-NC-ND 4.0) - source: iStockphoto.com".

MSCA
Marie Skłodowska-Curie Actions
Developing talents, advancing research

© European Union, 2021. (CC BY-NC-ND 4.0) - source: iStockphoto.com



40