



Nucleus Annual Conference - Hannover, October 5-6, 2017

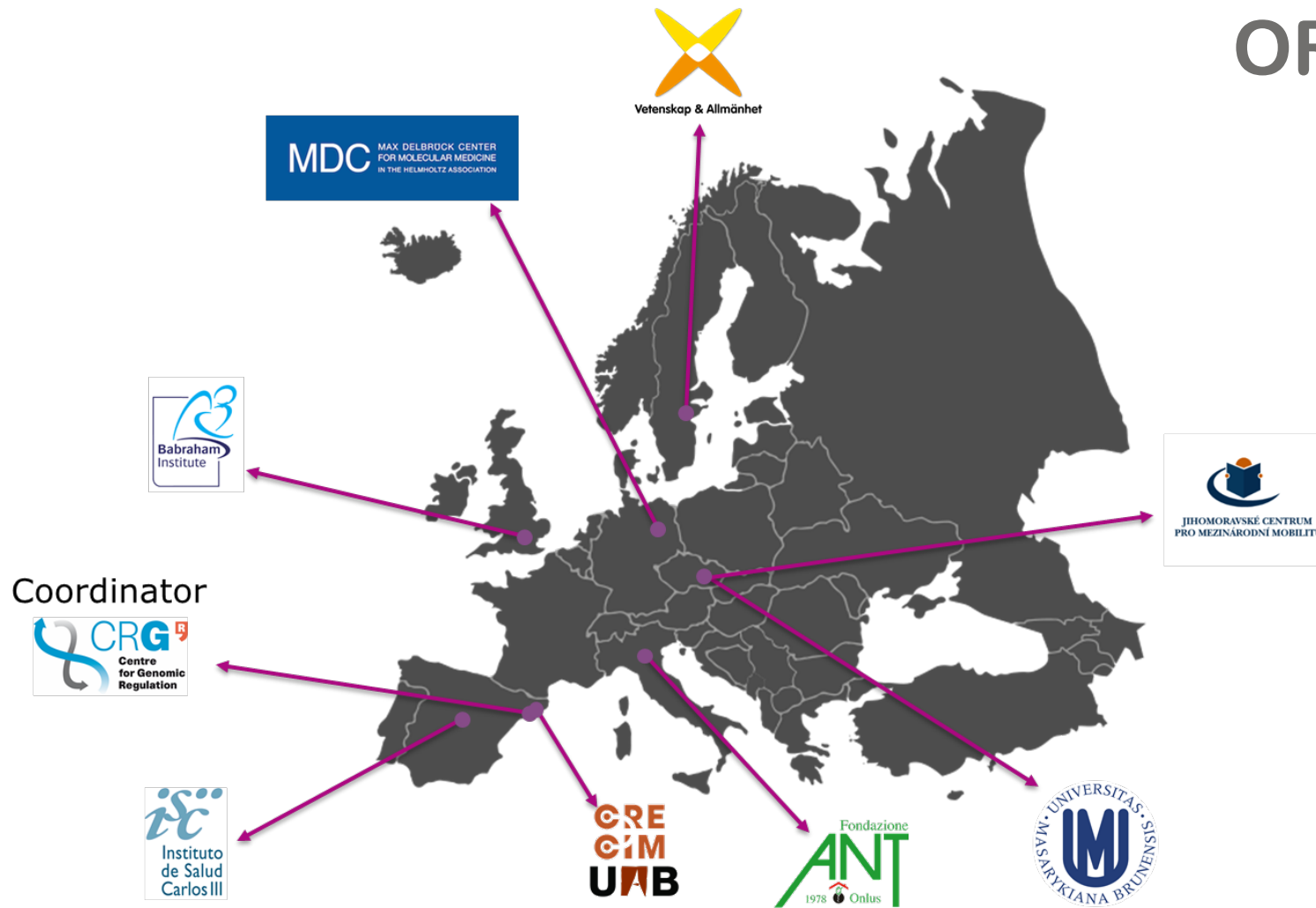


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 741527 and runs from May 2017 to April 2021.

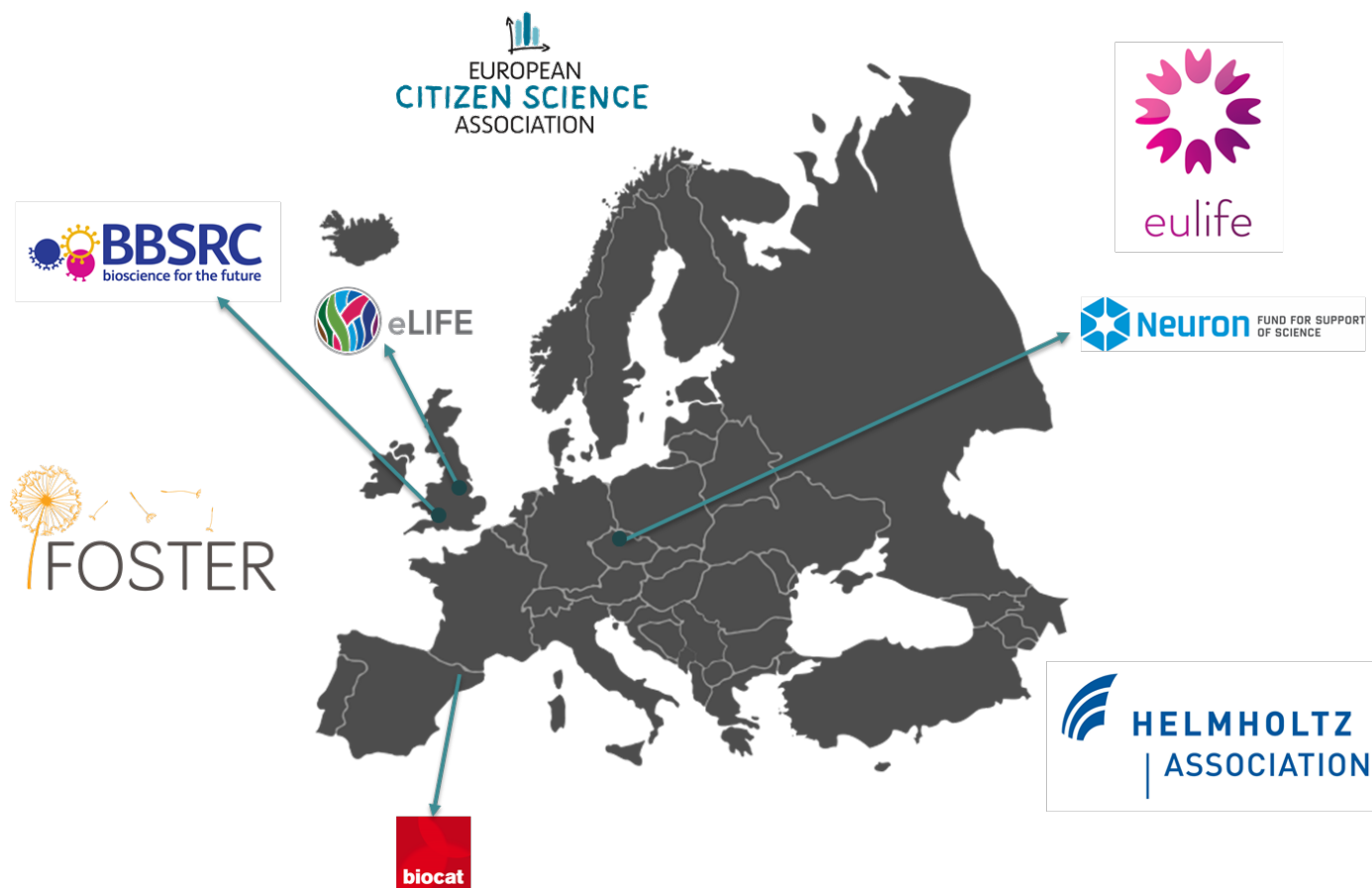
# **ORION** (Open Responsible research and Innovation to further Outstanding kNowledge)

**2017-2021**

# ORION - Partners



# ORION – Associated Partners



# Vetenskap & Allmänhet

- VA (Public & Science)
- CSO with some 80 member organisations
- Promotes dialogue and openness between the public and researchers
- Work with:
  - Knowledge creation
  - Dialogues and activities
  - Communication and advocacy





# ORION - Main goal

- *To trigger evidence-based institutional, cultural and behavioural changes in Research Funding and Performing Organizations (RFPOs)*
- *Our long term vision is to “**embed**” **Open Science and RRI principles** in the policies, practices and processes of RFPOs*
- *This will be achieved by performing “**co-creation**” **experiments** with the different RRI stakeholders and by producing new **training** materials*

# ORION - Approach

## Current awareness and understanding about Open Science

1. Self-assessment of participating RFPOs about open science
  - Survey among research institutes
2. European-wide public opinion survey on public engagement in science and innovation
  - Six countries – 1000 telephone interviews in each country
3. National stakeholder workshops on Open Science
  - Czech Republic, UK, Germany and Spain

# ORION - Approach

## Open co-creation experiments in three challenge areas:

1. Opening up the research engine – how can RFPOs be more porous to receiving input from multiple stakeholders?
2. Identify risks and opportunities in disruptive technologies
3. Citizen science in basic research



# ORION - Approach

ORION CHALLENGES			
	1. Opening up the research engine	2. Disruptive technologies	3. Citizen Science
<b>Stakeholders</b>	Citizens, funders, researchers, policy makers, publishers, industry	Public, policy makers, industry, researchers	Public, policy, researchers, funders
<b>RRI Principles</b>	Gender, ethic, governance, public engagement	Ethics, science education, public engagement	Open access, ethics, public engagement
<b>Open-experiments</b>	Participatory funding calls and prizes, open dialogue to influence research strategy	Open dialogue co-created by multiple stakeholders to assess/address aspirations and concerns	Participatory multi-stakeholder scientific projects on fundamental research in biomedicine



**Thank you for your attention!**

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