



HORIZON EUROPE

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EUROPEAN UNION

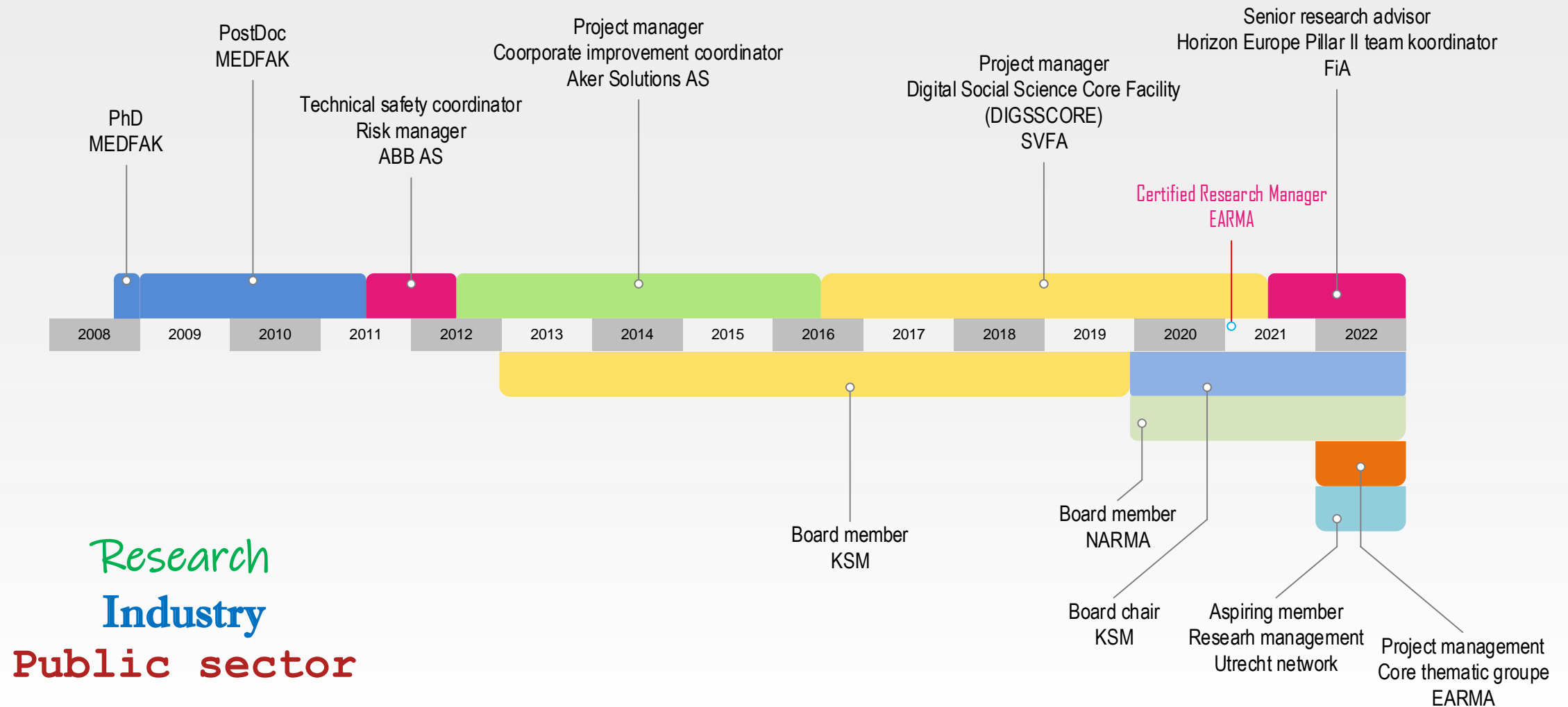


A changing landscape

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Research funding sources – external drivers

In the last two decades, global R&D expenditures have skyrocketed, reaching **\$2.4 trillion in 2020**! At the same time, **researchers struggle to find funding** for their research activities.



ERA Policy Agenda

ERA Policy Agenda: 20 actions along four priority areas

DEEPENING A TRULY FUNCTIONING INTERNAL MARKET FOR KNOWLEDGE

1. Open sharing of knowledge, incl. EOSC
2. Data legislation fit for research
3. Reform of research assessment
4. Strengthen research careers
5. Gender equality and inclusiveness
6. Protect academic freedom
7. Better knowledge valorisation
8. Research infrastructures
9. International cooperation, reciprocity

TOGETHER FOR TWIN GREEN AND DIGITAL TRANSITION, AND INCREASING SOCIETY'S PARTICIPATION IN THE ERA

10. R&I Missions and Partnerships for ERA
11. Green energy transformation
12. Transition of industrial ecosystems
13. Empower higher education institutions
14. Bring science closer to society



AMPLIFYING ACCESS TO RESEARCH AND INNOVATION EXCELLENCE ACROSS THE UNION

15. Regional and national R&I ecosystems
16. EU-wide access to excellence
17. Strategic capacity of public RPOs

ADVANCING CONCERTED R&I INVESTMENTS AND REFORMS

18. Coordination national support for ERA
19. ERA monitoring mechanism
20. Prioritisation and coordination of R&I investments and reforms



Expected outcomes (Action 3 & 4) → A changing landscape!

- Promote **qualitative judgement** with peer-review, supported by responsible use of quantitative indicators
 - Consider the **value and impact of a diversity of research outputs**
 - Incentivize **open collaboration** and **early knowledge** and **data sharing**
 - Balanced **talent circulation**
 - **Transdisciplinary** and **inter-sectoral mobility** across the ERA
 - ...



What to do?



Find your coordinates!

- Define & prioritise Activities
- Career planning
- Retrospective assessment

EXPERIENCE:		Starting → Advanced							
Research	Fellowships	PhD	Post-doctoral	Early Career	Mid Career	Senior/Advanced			
	Grants	Project Studentship	RA/PDRF on collaborative grant	Small grant	Co-I on collaborative grant/ work package lead	PI on small collaborative grant	Scaling up PI role	PI on large collaborative grant	
	Research Skills	Develops new skills		Methods training	Interdisciplinarity	Develops new areas of expertise			
	Outputs & Publications	PhD outputs		Post-doctoral outputs	Continues to build portfolio	Targets wider academic audiences	Guides and co-authors with ECRs		
Engagement	Academic Dissemination	Conference poster	Conference paper	Organises panel	Invited speaker	Organises workshop/ conference	Organising committee of major conference	Keynote speaker	
	Wider Dissemination	Social media engagement	Writes Blogs	Hosts own Blogsite	Contributes to/ hosts public events		Contributes to articles in media	Media interviews	
	Knowledge Exchange	Engages with users	Specialised workshops		Advisory roles/ evidence		Consultancy	Specialised/ targeted briefings	
	External Partnerships	Practice background	Consulting users	Involving users	Collaborative project	Co-design	Co-production		
	Mobility	Collaborative PhD		Internships	Placements	Secondments		Dual roles	
Leadership & Collegiality	Journals	Book reviews	Peer reviewer	Editorial Board member		Journal Editor	Launching new journal		
	Peer Review	Article reviews	Grant peer review	PhD examiner	Extenal appointment panel/assessors	Grant review panels	Chairs grant review panels	Grant funding strategy role	
	Collegiality	Peer support group	Informal peer review	Mentoring	Research coaching	Review panels	Initiates/leads research support systems		Leads by example/ shares experiences
	Research Clusters	PhD or ECR network/ reading group		Co-leading research group			Centre Co-Director/ Launch new research group		Centre Director
	Sectoral Leadership	Join/network in Professional Association (PA)		Lead a section/working group in PA		Establish new network	Leadership role in PA		Fellow of Learned Society
CROSS-CUTTING VALUES:		Equality, Diversity & Inclusion			Research Integrity		Collegiality & Support		



Learn from others!

**Existing
knowledge**



**Future
opportunities**

In ancient Roman religion and myth, **Janus** is the god of beginnings, gates, transitions, time, duality, doorways, passages, and endings.



CORDIS – EU research results

The Community Research and Development
Information Service (CORDIS)

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Search

1182 results for 'biomaterial'

Last update
Title

DEBBIE A database of experimental biomaterials and their biological effect
ID: 751277

Altogether, PANBioRA will lead to a substantial economic impact due to a reduction of the amount of tests, decrease in healthcare costs due to complications. It will provide the necessary tools proper risk management related to biomaterials.

ORA



Closed project

Coordinated by
STEINBEIS 2I GMBH
 Germany



Fact Sheet | Reporting | Results | **News & Multimedia**

News

SCIENTIFIC ADVANCES

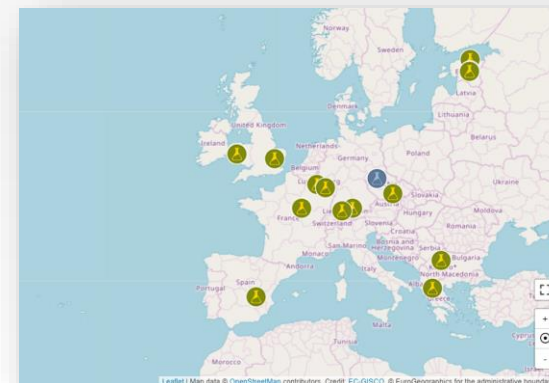
Risk Assessment of Effects at Nanoscale Level – Taking a Closer Look at the Mimotope Variation Analysis

15 August 2019

SCIENTIFIC ADVANCES

Looking back at one year of PANBioRA

12 December 2018



Datasets via OpenAIRE (1)



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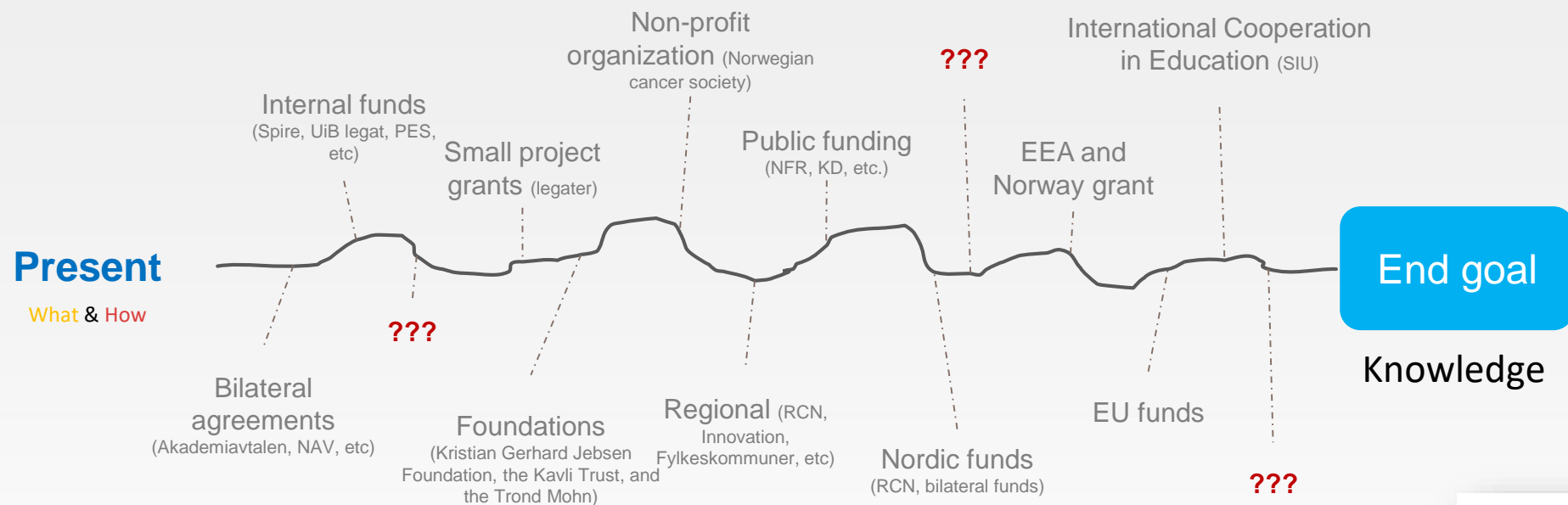
- Map the ecosystem for new projects and new commers..
 - Potential competitors and prospected partner
 - Test the novelty of your idea / State-of-the-art
 - Build on existing ideas
 - Mind the knowledge gap!



Move from focusing on singular
funding opportunities to a
portfolio mindset.



Funding sources: Uncomplete Overview



EXPERIENCE		Strong	→	Advanced
Research	Research	Research	Research	Research
	Research	Research	Research	Research
	Research	Research	Research	Research
	Research	Research	Research	Research
Engagement	Engagement	Engagement	Engagement	Engagement
	Engagement	Engagement	Engagement	Engagement
	Engagement	Engagement	Engagement	Engagement
	Engagement	Engagement	Engagement	Engagement
Leadership & Competence	Leadership & Competence	Leadership & Competence	Leadership & Competence	Leadership & Competence
	Leadership & Competence	Leadership & Competence	Leadership & Competence	Leadership & Competence
	Leadership & Competence	Leadership & Competence	Leadership & Competence	Leadership & Competence
	Leadership & Competence	Leadership & Competence	Leadership & Competence	Leadership & Competence
CROSS-CUTTING VALUES:		Equality, Diversity & Inclusion	Research Integrity	Collectivity & Support



EU Funding!

Asylum, Migration and Integration Fund (AMIF)	Border Management and Visa Instrument (BMVI)	Customs Control Equipment Instrument (CCEI)	Connecting Europe Facility (CEF)	Citizens, Equality, Rights and Values Programme (CERV)	Creative Europe (CREA)
Customs Programme (CUST)	Digital Europe Programme (DIGITAL)	Europe Direct (ED)	European Defence Fund (EDF)	European Parliament (EP)	EU Anti-fraud Programme (EUAf)
European Solidarity Corps (ESC)	Erasmus+ Programme (ERASMUS)	EU4Health Programme (EU4H)	European Social Fund + (ESF)	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	Euratom Research and Training Programme (EURATOM)
Fiscalis Programme (FISC)	Innovation Fund (INNOVFUND)	Internal Security Fund (ISF)	Horizon Europe (HORIZON)	Single Market Programme (SMP)	Social Prerogative and Specific Competencies Lines (SOCPL)
EU External Action (RELEX)	Interregional Innovation Investments (I3)	Justice Programme (JUST)	Protection of the Euro against Counterfeiting Programme (PERICLES)	Pilot Projects and Preparatory Actions (PPPA)	Programme for the Environment and Climate Action (LIFE)
Promotion of Agricultural Products (AGRIP)	Research Fund for Coal & Steel (RFCS)	Union Civil Protection Mechanism (UCPM)	Information Measures for the EU Cohesion policy (IMREG)		



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