

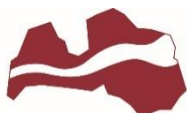
EU funding in Member state initiatives

09.12.2022



Ministry of
Education and Science
Republic of Latvia

NATIONAL
DEVELOPMENT
PLAN 2020



EUROPEAN UNION
European Social
Fund

INVESTING IN YOUR FUTURE

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Bold actions – missions?

New funding instruments in EU science

Missions

European partnerships

IPCEI (industry)

Bold actions

But there are major challenges:

- Cancer
- Alzheimer
- War and peace
- Food
- Water
- Infections, AMR and artificial pathogens
- Affordability of medical innovation

What is a bold action?

USA Inflation Reduction Act

- 1 Trillion public funds going into direct subsidies to industries and companies, and health affordability
 - Justification – war, green, affordability, COVID etc.
 - While more discussion on green technologies, biggest chunk to drugs and medical technologies
 - Also increases affordability for products → purchasing power → more valuable data spaces
 - Encourages China etc. to start even bigger subsidy programmes

European partnerships

Co-funded, co-programmed, institutionalised

Cofunded- ERA4HEALTH, THCS, PARC

Co-programmed – planned on pandemics

Institutionalised – IHI (Innovative Health Initiative) – with industries

Also EIT KICs – EIT Health

European partnerships

Overview of 49 candidate European Partnerships

HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

Cluster 1: Health	Cluster 2: Digital, Industry & Space	Cluster 3: Climate, Energy & Mobility	Cluster 4: Food, Bioeconomy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Zero Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Networks	Clean Aviation	Reviving Resilience to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research II	Climate Resilient, Sustainable & Protected Blue Economy
Chemically risk assessment	Complex Materials (CM 100)	Europe to Net	Water4All
Ways for health	Autism Research	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*
Pain-Biosensor*	Photonics	Batteries	Accelerating Farming Systems Transitions*
Long-spectrum and ultraviolet (radiation)*	Made in Europe	Zero-emission sustainable transport	Agriculture of Water
Therapeutic Materials*	Clean steel - Net-zero steel manufacturing	Zero-emission road transport	Safe & Sustainable Food Systems*
Hydrogen: HydrogenHubs* (cluster in development)	Hydrogen4Health	Bio4People	
	Global competitive space systems**	Clean Energy Transition	
		Enabling Urban Transitions	

Orange: International Partnerships (in 2023)

Green: International Partnerships (not 2023)

Blue: Co-funded

Light blue: Co-funded

* Data with opening date in 2023/24

** Data with opening date not within 2023

PILLAR III - Innovative Europe

Artificial Intelligence & Adaptive Systems (AIAS)	Support to Innovation Ecosystems
Food Energy	Innovative Skills
Climate	
Space	
Health	
Blue Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II & III

European Space Science (ESA)

From ERA-NETs to co-funded European partnerships

ERA-NET COFUND	Co-funded European partnership
Simplified programm-level collaboration	Complex collaboration, also because of BREXIT
Administrative costs covered by ERA-NET	Administrative costs not fully covered, for smaller countries extreme burden
First call co-funded	All calls co-funded, but the money can run out
Widening measures between stages	No widening between stages (?)

Selected states

Virtual common pot

**Transitional arrangement – European Joint programmes – Biomonitoring, Rare diseases, AMR
Joint Programming initiatives – coordination/calls – but no budget for admin, looking for ERA-NETs/partnerships**

Health pillar



Domain	ERA-NET/EJP	European partnership
Cancer	Transcan-3	Not yet defined
Neurology	NEURON COFUND-3	EUROPEAN BRAIn PARTNERSHIP (WAVE 3)
Neurodegeneration	JpCoFUND-2	
Nanomedicine	EURONANOMED	ERA4HEALTH
AMR	JPI-AMR-ACTION	OneHealth/AMR (WAVE 2)
Rare diseases	E-RARE-3, EJP	Rare Diseases (WAVE 2)
Personalised medicine	ERA-PERMED	PERSONALISED MEDICINE (WAVE 2)
Cardiology	ERA-CVD	ERA4HEALTH
Healthydiet	JPI/INTIMIC	ERA4HEALTH

Health pillar

Domain	ERA-NET/EJP	European partnership
Biomonitoring	EJP HBM	PARC
Ageing / AAL	ERA-NETs under JPI MYBL	THCS
Infectious disease	PATHOGENOMICS (FP6), ERA-INFECT, HIVERA	Pandemic preparedness (co-programmed, with MS contributions)
Animal infections	ICRAD	Animal welfare (WAVE 2)

European partnership ERA4HEALTH

A decorative graphic in the top right corner consisting of a network of white dots connected by thin white lines, resembling a molecular or digital structure, set against a dark blue background.

Fostering a European Research Area for Health Research

Two calls in parallel:

1. Research targeting development of innovative therapeutic strategies in cardiovascular disease (CARDINNOV) – **open!**
2. Increasing health equity through promoting healthy diets and physical activity (HEALTHEQUITY) – Jan 2023

Info: <https://era4health.eu/>

European partnership THCS

Transforming Health and Care Systems

Call - "HEALTHCARE OF THE FUTURE" – Ist HJ 2023

Latvian conditions for partnerships

Funder – Latvian Council of Science www.lzp.gov.lv

Participants are allowed from:

- Scientific institutions (registered in Latvian registry)

- Enterprises registered in Latvia (Regulation 651/2014)

Max funding – 100.000 EUR/year

Personnell, materials, travel, subcontracts (20%), overheads = 25% from (direct – subcontracting)

Since co-funding from HE, streamlined conditions

Latvian conditions for partnerships

Funding from structural funds from 2024

Structural fund period ends 2029

3-wave partnerships unclear (brain, cultural heritage, but not approved)

Important project of common European interest

- State aid vehicle, bigger economies profit better
- Hydrogen, batteries
- During FR presidency – IPCEI Health

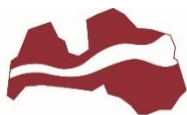


THANK YOU!

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