Setting the Scene
Anne Bucher
Director-General, DG SANTE, European Commission
'Future EU Funding for Health'
Roundtable
Chair: **Anne Bucher**  
**Director-General, DG SANTE, European Commission**

- **European Social Fund+**, **Andriana Sukova**, Deputy Director-General, DG EMPL, European Commission
- **Health Research in Horizon Europe**, **Irene Norstedt**, Director, DG RTD, European Commission
- **Digital Health in Horizon Europe**, **Khalil Rouhana**, Deputy Director-General, DG CNECT, European Commission
- **Structural Reform Support Service**, **Geraldine Mahieu**, Head of Unit, SG, European Commission
- **European Regional Development Fund**, **Wallis Goelen**, Adviser, DG REGIO, European Commission
'Future EU Funding for Health'

European Social Fund+
Andriana Sukova
Deputy Director-General, DG EMPL, European Commission
European Social Fund Plus

( ESF+)

Andriana SUKOVÁ
Deputy Director General
DG EMPL
II. COHESION & VALUES

5 Regional Development & Cohesion
- European Regional Development Fund
- Cohesion Fund
- Support to the Turkish-Cypriot Community

6 Economic & Monetary Union
- Reform Support Programme including the Reform Delivery Tool and the Convergence Facility
- Protection of the Euro Against Counterfeiting

7 Investing in People, Social Cohesion & Values
- European Social Fund + (including Integration of Migrants and Health)
- Erasmus+
- European Solidarity Corps
- Justice, Rights & Values
- Creative Europe (including MEDIA)
ESF + €101,2 Billion

ESF+ Shared management €100 billion
- Concentration requirements
  - CSR implementation
  - at least 25% Social inclusion
  - at least 2% material deprivation (4% EU-level target)
  - at least 10% in Member States with high NEET rate

ESF+ (in)direct management €1,2 billion
- Employment and Social Innovation strand €761 million
- Health strand €413 million

Outermost Regions/NSPA €400 million
Transnationality €200 million
What activities could be financed by the shared management strand of ESF+?

- Expanding coverage
- Supporting integrated services (social and health)
- Increasing access e.g. for vulnerable groups
- Re-skilling and up-skilling of workforce
- Active and healthy ageing
- Healthy and well adapted work environment
- Increasing access e.g. for vulnerable groups
'Future EU Funding for Health'
Health Research in Horizon Europe
Irene Norstedt
Acting Director PEOPLE
DG Research & Innovation, European Commission
'Future EU Funding for Health'

Irene NORSTEDT
Acting Director PEOPLE
DG Research & Innovation, European Commission

Health Research in Horizon Europe
Horzion Europe - Our vision

A sustainable, fair and prosperous future for people and planet based on European values.

- Tackling climate change (35 % budgetary target)
- Helping to achieve Sustainable Development Goals
- Boosting the Union's competitiveness and growth
Widening Participation and Strengthening the European Research Area – € 2.1 bn

Pillar 1 - € 25.8bn
Excellent Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2 - € 52.7 bn
Global Challenges and European Industrial Competitiveness
- Health – € 7.7 bn
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment
- Joint Research Centre

Pillar 3 - € 13.5 bn
Innovative Europe
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening participation and spreading excellence
Reforming and Enhancing the European R&I system
Main funding approaches

• **Grants to individual fellows, teams, infrastructures, innovators** under Pillar 1 (ERC, MSCA) and Pillar 3 (EIC) → bottom-up open competition

• **Grants to collaborative projects** (Pillar 2) → top-down open competition by multi/international consortia proposing projects on specific topics in response to calls for proposals

• **Grants to contracting authorities/entities** (Pillar 2) → for pre-commercial procurement and procurement of innovative solutions

• **Partnerships** between R&I investors (Pillar 2 and Pillar 3)

• **Missions** driven by inspirational goals for impact (Pillar 2)
Horizon Europe, Cluster ‘Health’: 6 areas of intervention

- Health throughout the Life Course
- Environmental & Social Health Determinants
- Non-communicable and Rare Diseases
- Infectious diseases
- Tools, Technologies and Digital Solutions for Health and Care
- Health Care Systems
Adaptation to climate change, including societal transformation

- Healthy oceans, seas, coastal and inland waters
- Climate-neutral and smart cities
- Soil health and food
- Cancer

2014-2020 EU Health Programme Conference
Brussels 30 September 2019
1- HEALTH
EU-Africa Global Health
Innovative Health Initiative
Chemicals Risk Assessment
Fostering an ERA for Health research
Large-scale innovation and transformation of health systems in a digital and ageing society
Personalised Medicine
Rare Diseases
One Health AMR

4 - DIGITAL, INDUSTRY AND SPACE
  e.g.
  Key Digital Technologies
  Smart Networks and Services
  AI, data and robotics
  Photonics Europe
  European Metrology

5 - CLIMATE, ENERGY AND MOBILITY
  e.g.
  Built environment and construction
  Mobility and Safety for Automated Road Transport

6 - FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT
  e.g.
  Animal health: Fighting infectious diseases
  Safe and Sustainable Food System for People, Planet & Climate

PILLAR III AND CROSS-PILLAR
  EIT Health
  EIT Food
  EIT Digital
  Innovative SMEs
  European Open Science Could (EOSC)
### Steps towards the first Horizon Europe work programme

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<th>Summer 2019</th>
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<td>- Early involvement and extensive exchanges with Member States</td>
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<td>- Consultation with stakeholders and public at large – <strong>until 4 Oct!</strong></td>
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<td>- Establishment of Mission Boards</td>
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<td>- Co-creation at R&amp;I Days 24-26 September</td>
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<th>Autumn-winter 2019/2020</th>
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<td>- Extensive exchanges with the new European Parliament</td>
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<td>- Establishment of new Commission</td>
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<td>- Envisaged endorsement of Strategic Plan 2021-2024</td>
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<td>- Drafting of first Horizon Europe Work Programme 2021-2022 on the basis of the Strategic Plan</td>
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<td>- Start of Horizon Europe (2021-2027)</td>
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'Future EU Funding for Health'
Digital Health in Horizon Europe
Khalil Rouhana
Deputy Director-General, DG CNECT, European Commission
'Future EU Funding for Health'
Khalil ROUHANA
Deputy Director-General, DG CONNECT, European Commission

Future EU Funding for Digital Health
Digital Transformation of Health and Care
Challenges and opportunities

➢ Access to health data (across-borders)
  ▪ Interoperability data/systems/technologies
  ▪ Cybersecurity and Data Protection

➢ Innovative solutions for prevention, diagnosis, treatment, care
  ▪ Artificial Intelligence, clinical decision support systems
  ▪ HPC, Blockchain, Big data analytics, IoT, cloud computing

Efficiency of health and care systems, better outcomes, personalised medicine, integrated care, well-being, citizens empowerment, …
Digital transformation of health in EU Programmes today

➢ **H2020:**
  ➢ More than 1 Billion Euro of investments in R&I under the Health SC
    ➢ ICT solutions for prevention, diagnosis, treatment, care
    ➢ Almost a similar amount in ICT LEIT
      ➢ Big Data, AI and robotics, Smart systems and wearables, biophotonics,..

➢ **CEF: Digital Service Infrastructure, eHDSI**
  ➢ Around 80 M€ for eHealth deployment and interoperability
    ➢ Cross border health services: Patient summary, ePrescription, patient access, Medication overview, etc..
    ➢ Open NCP,..
Examples of H2020 projects

**MyHealthMyData** - uses blockchain, dynamic consents, personal data accounts, smart contracts and encryption technologies for privacy-aware sharing of medical data. It encourages hospitals to start making anonymised data available for open research, while prompting citizens to become the ultimate owners and controllers of their health data.

http://www.myhealthmydata.eu

**i-PROGNOSIS** - enables early Parkinson disease detection and improves patients' health-related quality of life as the disease progresses over time.

http://www.i-prognosis.eu

**HEARTMAN** - The HeartMan System provides patients with heart failure with a personalized exercise plan, nutrition advices and medication reminders, as well as assistance in self-monitoring and managing their environment.

http://heartman-project.eu/
Digital Health Actions related to cancer

- MURAB develops technology to take more precise and effective biopsies in order to diagnose cancer
- BD2Decide uses AI and big data to support clinicians treating head and neck cancer
- IASIS integrates heterogeneous big data sources to support clinicians developing more personalised diagnoses and treatments for lung cancer
- PRIMAGE and IPC use in silico medicine for personalized diagnostics and therapies on pediatric cancer

“Survival rates are on the up, especially thanks to early detection and screening programmes. But there is a lot more we can do. I will put forward a European plan to fight cancer, to support Member States in improving cancer control and care.”

Ursula von der Leyen, President-elect

Ongoing call: AI for Health Imaging, 35 M EUR, closing 13 Nov 2019

For improving diagnosis, treatment, follow-up and contribute to a more precise and personalised management of cancer
Funding opportunities for eHealth 2021-27

- Digital Europe Programme and Connecting Europe Facility
- Horizon Europe
- European Social Fund + and European Globalisation Adjustment Fund
- European Regional Development Fund
- InvestEU Programme
Digital Europe Programme: Health Data and testing and experimentation

A common health data space - requires infrastructure, common standards and European approach to accessing health data sets

- cost-effective data-driven tools and services, taking advantage of advanced computing and of federated cloud services e.g. for faster data processing

Federation of pan-European cloud services to provision strategic services of general interest and public interest nature such as healthcare, delivery of health services by hospitals

- benefits for testing of innovative digital health technologies for citizens and scientific medical research (e.g. finding treatments to cancers), development
Digital Health and Horizon Europe

- Innovative tools and technologies for bio-medical research, prevention, diagnosis and therapy of diseases and tools for monitoring diseases as well as treatment progression, including digital solutions, Artificial Intelligence applications, genomics and other data-driven interventions and procedures.

- Integrated solutions for health including mobile and telehealth.

- Health data accessibility and interoperability across the EU.

- Efficient piloting of healthcare technologies and tools in real-life settings.

- Improved health technologies and interventions based on digital solutions, which support timely health information and use of health data.

- Projects looking at the safety, privacy, efficacy, quality, ethical and social impact of digital solutions for health and care.
'Future EU Funding for Health'
Structural Reform Support Service
Geraldine Mahieu

Head of Unit, 'Labour Market, education, health and Social Services'
'Future EU Funding for Health’

Geraldine Mahieu
Head of Unit, 'Labour Market, education, health and Social Services’
Structural Reform Support Service (SRSS)
Structural Reform Support Service

- Support Member States with the preparation, design, and implementation of growth-enhancing reforms;
- Steer and coordinate technical support provided by the Commission;
- Provide demand-based, tailor-made support on the ground;
- ALL stages of reforms
- Low administrative burden, no co-financing;
- Open to ALL Member States;
- SRSP budget of EUR 222.8 million for 2017-2020 (around EUR 80 million for 2020).
Spring – early autumn
Preparatory work on priority requests

Nov – Dec 2019
Analysis of requests and selection of the SRSP 2020 projects

31 Oct 2019
Deadline for submission of requests under SRSP 2020

Feb 2020
Annual Work Programme and Cooperation and Support Plans

Spring 2020
Projects launched on the ground
Main themes in health

In 2015-2019, the SRSS has supported 57 health-related projects in 21 Member States.

Priority will be given to:

- Strategic requests: linked to government reform & technical support priorities (e.g., NRP & CSRs)
- Comprehensive requests: clear long-term perspective, covering the entire reform cycle and focusing on real impact on the ground
- Mature requests: Reform goals and the contribution of technical support are clearly defined.
Examples of SRSS support for healthcare reforms

**eHealth in the Czech Republic**

- Establishment of a National eHealth Center paving the way for the strategic development of the eHealth agenda.
- Support facilitated mainly by authorities from Austria, but also from Denmark and other MS.
- Czech Republic is already moving quickly into the next steps, such as establishing an interoperability framework also based on EU guidelines.
Examples of SRSS support for healthcare reforms

Health System Performance Assessment (HSPA) in Latvia and Slovenia

In a joint effort and in collaboration with Italy, Latvia and Slovenia have established sound frameworks to assess the performance of their health system, which will be used to identify new critical areas for improvement, such as improving quality of care in Slovenia.
Examples of SRSS support for healthcare reforms

Primary healthcare in Austria

Austria is aiming to shift from hospital-centric health care to a strengthened primary health care sector. It aims to establish 75 primary health care units by 2022.

SRSS contributes to speeding up the implementation of the reform:

- Start-up guide for general practitioners setting up their own primary health care unit
- Hands-on consultancy, website design and communication strategy
- Support and trainings for regional governments and public insurance on financial instruments for the units
Upcoming health priorities

• Health remains a cross-cutting priority high on the agenda of the next Commission

• The President-elect of the Commission has already mentioned several priority areas of work for health:
  
  • **providing safe and affordable medicines and medical devices** (strengthening centralized procurement of medicines in PT)*
  
  • **developing e-Health capacity and tools** (developing an e-Health National Center in the Czech Republic, improving interoperability of eHealth systems in Croatia, telemedicine in Spanish regions)*
  
  • **promoting vaccination**
  
  • **the fight against cancer and anti-microbial resistance (AMR)** (capacity building for tackling AMR in Latvia)*

*examples of current SRSS support
SRSS in 2020 and beyond

• SRSS will become the Directorate General for Structural Reform Support.

• It will offer technical and financial support for reforms financed under the successor of the current SRSP, the so-called Reform Support Programme (RSP).

• RSP will include an instrument for technical support, similar to the existing SRSP, as well as financial incentives for Member States to implement reforms identified as priorities in the European Semester, including health care reforms.
'Future EU Funding for Health'

European Regional Development Fund
Wallis Goelen
Adviser, DG REGIO, European Commission
2014-2020 EU HEALTH PROGRAMME CONFERENCE

BRUSSELS
30 SEPTEMBER 2019
Q&A - Slido

Take out your mobile device
Go to www.sli.do
Event code #EUHealth
Please select your room Silver Hall
Ask your question, vote for your favourite questions
Parallel Session I 13:45 – 15:15
Objective 1: The Arc
Objective 3: Silver Hall
Listening room of Objectif 1: Hall 300

Parallel Session II 15:45 – 17:45
Objective 2: The Arc
Objective 4: Silver Hall
Listening room of Objectif 2: Hall 300

Lunch 12:45 – 13:45