



World Health
Organization

European Region

Digital Health and WHO-FIC activities in WHO Europe Region

13 October 2022

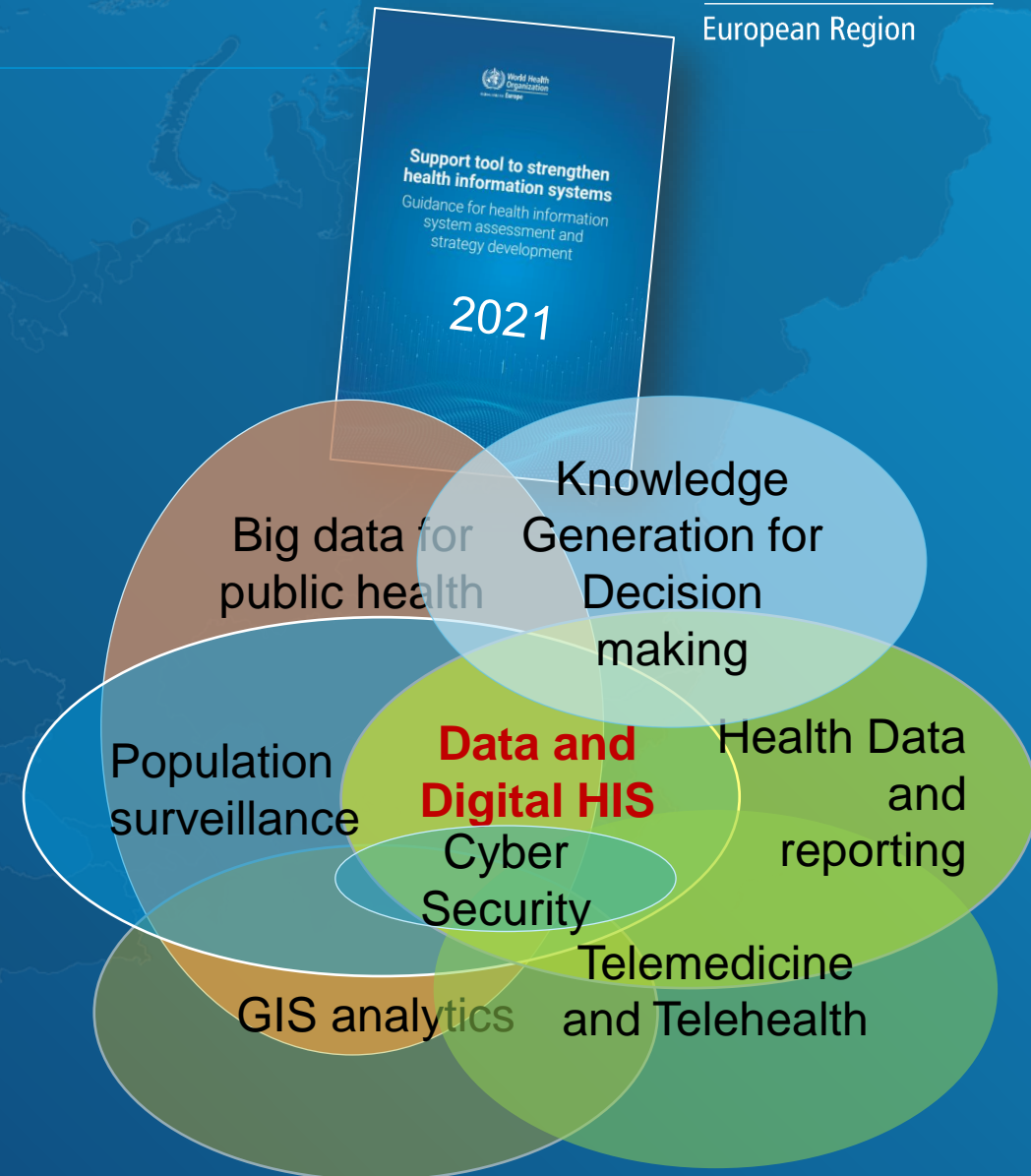
*Karapet Davtyan, Data and Digital Health Unit, Division of Country Health Policies and Systems,
WHO Regional Office for Europe*

In this presentation

- 1 Areas and types of d-health activities
- 2 D-health action plan for the WHO European region 2023-2030
- 3 Guides and technical documents
- 4 Research related projects
- 5 Workshops events and country projects
- 6 Why WHO FIC European Network
- 7 WHO FIC European Network activities

Areas and types of digital health activities and provided support

- Health Information and Digital Health assessment
- Guiding documents
- Strategy development
- Supporting technical working groups in country level
- Regulatory framework
- Interoperability and integration
- Classifications
- Business intelligence tools - dashboards
- Telemedicine
- Workshops and events
- Capacity building and experience exchange
 - ✓ Big data in healthcare
 - ✓ Secondary use of health data and data quality



Digital health action plan for the WHO European region 2023-2030

Focus on:

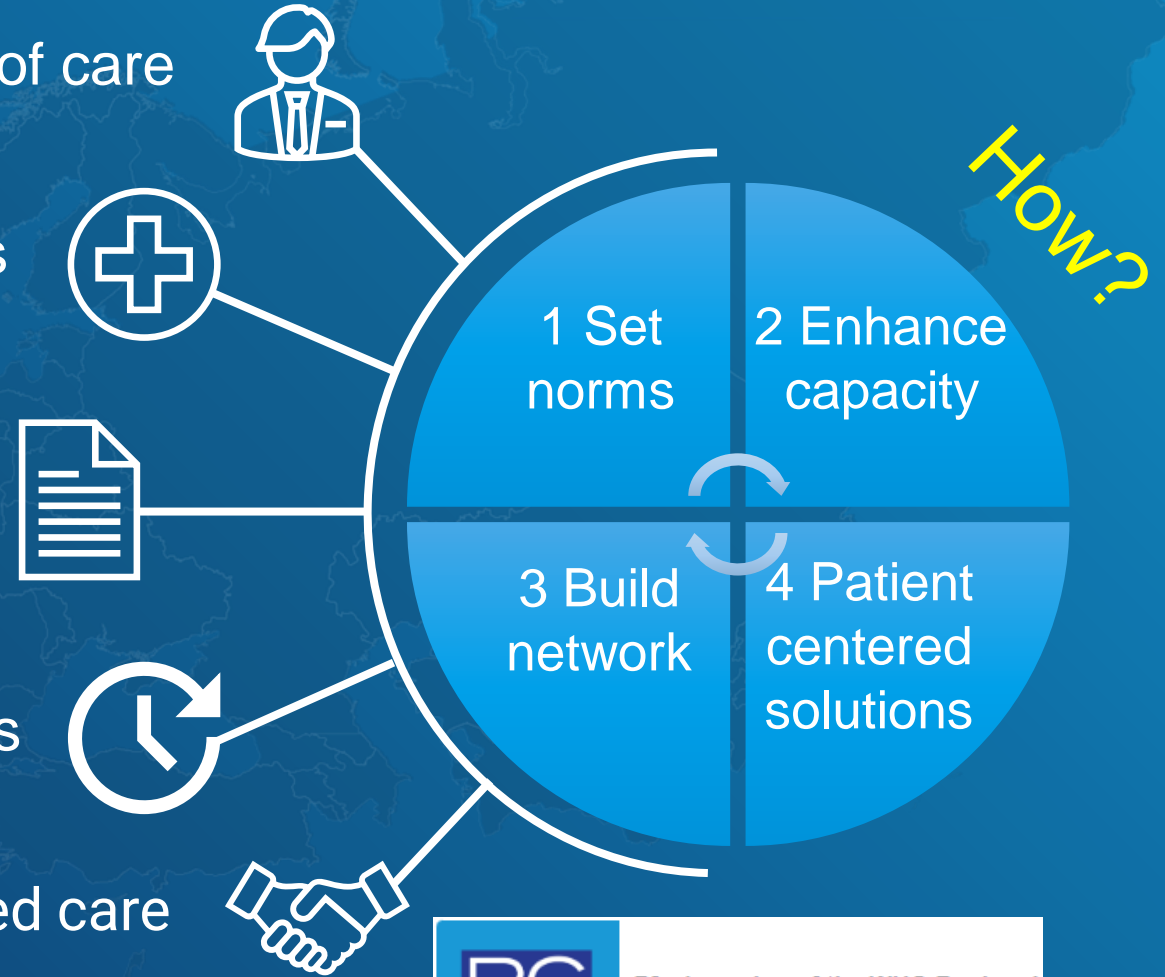
Health system challenges and citizen needs

The individual at the center of care

Data-driven policy and decision making

The future of health systems

Long-term commitment and on integrated care



Guides and technical documents in d-health

Ongoing work:

- Developing a **tool to measure digital health literacy** in the population

- **Tool for digitalization of health information systems**
 1. *Criteria for the selection of a digital platform*
 2. *Functional capabilities of the platform*
 3. *IT infrastructure requirements to digitize health information system*
 4. *Legal regulations, Policy and Governance for IT infrastructure*
 5. ***Ensuring integration and interoperability of health information systems***
 6. *Privacy, Security and confidentiality*
 7. *Change management: engaging stakeholders in the digital transformation of their HIS*
 8. *Workforce training and development requirements*
 9. *Financing mechanisms for sustainable digitalization of HIS infrastructure*
 10. *The Possible impact of the newest digital solutions and technologies in HIS*
 11. *The role of non-traditional data streams for health information systems digitalization*



Research related projects

Work completed:

- 1) **Infodemics** and health misinformation: a systematic review of reviews
- 2) The experiences of 33 national **COVID-19 dashboard** teams during the first year of the pandemic in the WHO European Region: A qualitative study
- 3) **Artificial intelligence** and its impact on the domains of Universal Health Coverage, Health Emergencies and Health Promotion: An overview of systematic reviews

Ongoing work:

- 1) The **current status of telemedicine** technology use across the European Region: an overview of systematic reviews
- 2) Digital **HIS implementation in the healthcare** of the CIS member states: status and perspectives
- 3) Digital **Proximity Tracing report** in the European region
- 4) **Monitoring the implementation of digital health**: an overview of selected national and international methodologies.
- 5) **Equity within digital health technology** within the World Health Organization European region: a scoping review.
- 6) Regional **digital health survey** (42 out of 53 countries included) to show-case success stories and relevant recent developments

Workshops events and country projects

Work completed:

- 1) Signed an **MOU between WHO/EURO and HIMSS** on digital health in the European region
- 2) **2nd meeting** of the Western Balkans Digital Health Network
- 3) **Health Hackathon for Ukraine** (23-25 September)
- 4) Video demonstration for Kyrgyzstan on the use of **Safe Delivery App**

Ongoing work:

- 1) Event on **secondary use of health data** (Copenhagen, Denmark, 13 December)
- 2) **Ethics and Governance AI for Health** Workshop for the Digital Health Western Balkans network (Athens, Greece, 14-18 November)
- 3) First Workshop on the **Development of a Telemedicine Network** in Central Asia (Tashkent, Uzbekistan, 5-6 December)
- 4) **Establishing a WHO/Europe Strategic Partnership** Initiative for data and digital health.
- 5) **Ongoing country (7) work in:** Armenia (HIS and telemedicine), Georgia (HIS and telemedicine), Latvia (Governance), Malta (Governance), Moldova (Governance and HIS), Romania (Governance, HIS and telemedicine), Serbia (HIS)
- 6) **Subregional project** for the Central Asian Republics (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan) on data and digital health.

Why WHO-FIC European Network

- Lack of coordination
- Lack of promotion
- Lack of capacity building
- Emerging ICD-11 implementation
- ICF and ICHI and other classifications related requests



Why WHO-FIC European Network activities

- Representatives with no conflict of interest, nominated by relevant “health information stakeholders”
 - ✓ *47 members*
 - ✓ *21 countries*
 - ✓ *Looking for expansion to involve all stakeholders*
- Support the development, implementation and maintenance of WHO-FIC across the WHO European Region:
 - ✓ Through the Global WHO-FIC Network.
 - ✓ Cooperation and collaboration
 - ✓ Exchange of good practices
 - ✓ Capacity-building for WHO-FIC
 - ✓ Ongoing situation analysis for WHO FIC in WHO European Region
 - ✓ Regular meetings



Thank you!

For more information, please contact:

Data and Digital Health Unit
Division of Country Health Policies and Systems
World Health Organization, regional office for Europe

 euhiudata@who.int

