Transforming Data to Healthy Communities

Situation

The ongoing TEHDAS project has recognised the need for a well-defined public good primacy, coupled with an alignment of individual and public interest, however, the social framework of evaluation reflects the declining competitive capitalism rather than an emerging cooperative and sharing society. Even the now well-established health co-creation is missing from the baseline assessment.

Objective

Integrate social innovation into the EHDS innovation workflow. Develop a fully multidisciplinary hub that is capable to responding in the best possible way to the multifaceted challenges of the digital transformation in the health domain by developing the best possible solutions for human-machine collaboration at the time, in which both technological advances and humanity are represented at the highest level.

The proposed hub will integrate additional layers to the digital health developments driven by technology and medical science.

On the one hand, the development aspects represented by social innovation, whereby sustainability, responsibility, social values and humanity are integrated in the collaborative human-centered economic model that utilizes the human-machine collaboration to achieve a better life for all. The contribution of social sciences will also be managed by data-driven solutions analysed and supervised by a social innovation observatory approach.

On the other hand, citizens' active involvement and engagement is fostered by co-creative virtual spaces that promote health value-driven sharing society solutions, recognising that individuals can do the most for their own stable health, supported by their close social networks.

The main goal of a user experience and human value driven technology development is the utilization of advances of deep tech in health, democratizing knowledge-intensive medical knowledge, and enable equal and ubiquitous access to medical and health services every day, at all time.

The main goal of social innovation is to create a data-driven, machine-assisted society in which collaborative and compassionate communities live in a healthy environment, physically, mentally and emotionally.

Examples for planned activities

- Operate a co-creative virtual space in which innovation of digital health solutions are tested and co-created, usage can be experimented by different stakeholder groups e.g. citizens, patients, health care providers, and deployment is elaborated in details.
- Operate virtual showrooms / plazas and related virtual fairs for digital health solutions and human-machine collaborations for all stakeholder groups.
- The co-creative virtual space fosters the online and offline usage of the represented Digital Health solutions regardless of their age, gender, social or economic background.

Planned outcomes are empowered patients and citizens of all ages, gender, social and economic background adopt and use digital tools to monitor their health status independently.

Possible call to start: Setting up a European Smart Health Innovation Hub

Budapest, 16.12.2021.Dr. LANTOS, Zoltán Tibor

Organisation:

National Directorate General for Hospitals (ORSZÁGOS KÓRHÁZI FŐIGAZGATÓSÁG – OKFŐ). A public body responsible for coordination, development and quality assurance of healthcare provision and services, also functions as the maintainer of almost 100 hospitals all over Hungary. OKFŐ as a public authority monitors the operation of the health care system, facilitates strategic government decisions concerning the revision of the healthcare provision, and contributes to the development of a new, integrated and transparent national health care system. OKFŐ manages a great number of EU-funded international and domestic projects for health development, thus having an extended international partner network. In Interreg funded projects OKFŐ represents the health sector from Hungary and provides assistance to articulate user needs in service and product development and testing, as well as implementing Policy Pilots to design e-Services, focusing on home care, day/outpatient surgery, and other different care types by health care providers. It is the designated National Contact Point for eHealth in Hungary and the central data provider managing the National eHealth Digital Service Infrastructure (EESZT). Today, more than 26 thousand health care professionals and 13 thousand pharmacy staff use the EESZT data infrastructure in more than 22,000 institutions, including private service providers. OKFŐ is co-leader of work package 8 in the Joint Action TEHDAS, preparing recommendations on data altruism.

Key contacts:

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Current expertise: Head of Department of Virtual Health Guide Methodology in Semmelweis University, Budapest, and Project Manager of the National Contact Point for eHealth, National Directorate General for Hospitals

Current project: Contributor in TEHDAS Joint Action (WPAG 7)

Previous expertise: Head of Social Innovation Lab at Institute of Advanced Studies Kőszeg; Program Director of National Health Care governmental restructuring program; Global Director of Health Experience Research

Key publications: The Community Health Experience Model - Value Generation from Person-Centered Health Transaction Networks, Public Health Reviews, 39: 2018,, October 01, doi:10.1186/s40985-018-0105-8

The Role of Societal Aspects in the Formation of Official COVID-19 Reports: A Data-Driven Analysis. Int J Environ Res Public Health. 2021 Feb 5;18(4):1505. doi: 10.3390/ijerph18041505

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Previous expertise: Various project management positions in different healthcare organisations