



IDIH

INTERNATIONAL COLLABORATION
DIGITAL TRANSFORMATION
HEALTHY AGEING

D4.4

E-Newsletters / E-Magazines

APRE

(VERSION 1.0, 28/04/2022)





Project acronym:	IDIH
Project title	International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living
Thematic priority	SC1-HCC-03-2018
Type of action	Coordination and Support Action (CSA)
Deliverable number and title:	D4.4 E-Newsletters / E-Magazines
Due date:	30/04/2022
Submission date:	28/04/2022
Start date of project:	01/05/2019
Duration of project (end date):	36 months (30/04/2022)
Organisation responsible of deliverable:	APRE – Agenzia per la Promozione della Ricerca Europea
Version:	1.0
Status:	Final
Author name(s):	Mathilde De Bonis (APRE) Ivan Criscuoli (APRE) Bruno Mourenza (APRE)
Reviewer(s):	Kristin Dallinger (S2i) Krisztina Dax (GAC)
Type:	<input type="checkbox"/> R – Report <input checked="" type="checkbox"/> O – Other <input type="checkbox"/> E – Ethics
Dissemination level:	<input checked="" type="checkbox"/> PU – Public <input type="checkbox"/> CO – Confidential, only for members of the consortium (including the Commission)

Revision History			
Version	Date	Modified by	Comments
0.1	15/04/2022	APRE	Final draft
0.2	18/04/2022	S2i	Internal revision
0.3	20/04/2022	APRE	Integration of final contents
0.4	26/04/2022	GAC	Final revision
0.5	26/04/2022	APRE	Final modifications
1.0	28/04/2022	S2i	Final editing and submission

Abstract

By pursuing the overall objective of promoting information and international cooperation among the stakeholders of Digital Health for Active and Healthy Ageing, the e-Newsletters of the IDIH project were released as *Magazines* of the project informing about relevant policies and initiatives, as well as publications and funding opportunities, focusing on news and articles especially addressing the international landscape for R&I in the EU and the IDIH Strategic Partner Countries. D4.4 E-Newsletters is a review of the six editions of the IDIH Magazines (e-Newsletter) released between 2020 and 2022, as a key tool for the IDIH project communication and dissemination and to further engage IDIH stakeholders. Each edition is presented by providing a short description of its contents, highlighting for each section the major contributions from the stakeholders and the scientific community engaged through IDIH project. The methodological approach to the scouting for news, the organisation and graphic design of the contents and the dissemination is also presented.

Keywords

IDIH, Ageing, R&I, Horizon Europe, Digital Health, Active, Health

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IDIH has been financed with support from the European Commission. This document still needs to receive final approval from the European Commission.

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Abbreviations and Acronyms

Abbreviation, Acronym	Description
ADRC	Alzheimer's Disease Research Centers (NIH/NIA – USA)
AHA	Active and Healthy Ageing
AI	Artificial Intelligence
APRE	Agenzia per la Promozione della Ricerca Europea (project partner)
ATC	Athens Technology Center S.A. (project partner)
CIHR	Canadian Institutes of Health Research (project partner)
DG	Directorate-General (European Commission)
EC	European Commission
EEAS	European External Action Service
EG	Expert Group
EU	European Union
GSBC	Global SMEs Business Council (project partner)
Catalyst	Catalyst @ Health 2.0 (project partner)
G.A.C.	G.A.C Group (project partner)
HCP	Health Care Professionals
IDIH	International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living (full project title)
IoT	Internet of Things
NGI	Next Generation Internet
NIA	National Institute of Ageing (USA)
NIH	National Institute of Health (USA)
PLC	Programme Level Cooperation
R&I	Research and Innovation
RDI	Research, Development, Innovation
SAWARABI	Sawarabi Group (project partner)
SPS	School of Pharmaceutical Science Tsinghua University (project partner)
S2i	Steinbeis 2i GmbH (project coordinator)
UCG	Users Consultation Group
WP	Work Package (of a project)



1 Executive Summary

As a Coordination and Support Action funded by the H2020 programme and begun on May 2019, [IDIH \(International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living\)](#) aims at promoting and increasing international cooperation to advance digital health in the EU and key Strategic Partner Countries (China, Canada, Japan, South Korea and United States) supporting active and healthy ageing through innovation.

By pursuing the overall objective of promoting information and international cooperation among the stakeholders of Digital Health for Active and Healthy Ageing, the e-Newsletter of the IDIH project were released as Magazines of the project informing about relevant policies and initiatives, as well as publications and funding opportunities, focusing on news and articles especially addressing the international landscape for R&I in the EU and the IDIH Strategic Partner Countries.

The IDIH Magazine, available since May 2020 in a short (HTML) and a full (PDF) version, has been published on the project website and re-launched on social media channels and through partners' networks. This document aims to provide a review of the Magazine editions, also describing the methodological approach for their production. It includes descriptions of the contents of the Magazines based on the six sections through which each edition is structured, ranging from hot issues at stake in the international landscape around Digital Health & Ageing, to a selection of contributions from high level experts sharing their experiences and stories, and an overview of the initiatives and relevant opportunities for the IDIH ecosystem.

Shedding light on the literature and the initiatives concerning the Digital Transformation supporting Active and Healthy Ageing, the IDIH Magazines have been a key tool for the IDIH project communication and dissemination and to further engage IDIH stakeholders – often participating in the Magazine as co-authors or interviewees.

2 Introduction and methodology

Six e-newsletters (published approximately every 6 months) have been published throughout the IDIH project, based on the project’s website publications, a continuous monitoring of the key sources in the project domain and the participation of IDIH experts and stakeholders as co-authors and interviewees.

The magazines targeted high level stakeholders for delivering project, scientific and policy related news in an easy-to-read format through a HTML reduced version – published in the [dedicated webpage of the project website](#), from which the users could access a full PDF version.

The link to the IDIH Newsletters’ webpage has been shared among the general public and the IDIH Community through targeted dissemination. Examples can be found hereby:

- Dedicated news in the News Section: e.g. <https://idih-global.eu/2022/03/31/project-newsletter-idih-mag-n-5-march-2022-now-available/>
- Social re-launch: e.g. <https://twitter.com/IDIHglobal/status/1509463681939251202>; <https://www.linkedin.com/feed/update/urn:li:activity:6915227297474060288/>
- Promotion in the IDIH Digital Health Transformation Forum (e.g. <https://idih-global.eu/expert-groups/>) and the IDIH “wider” Community (e.g. <https://health-innovation-community-platform.b2match.io/>)¹

The finalisation of the magazine editions was preceded by two weeks with a call for articles among the IDIH [Digital Health Transformation Forum](#) and the [IDIH “wider” Community](#).

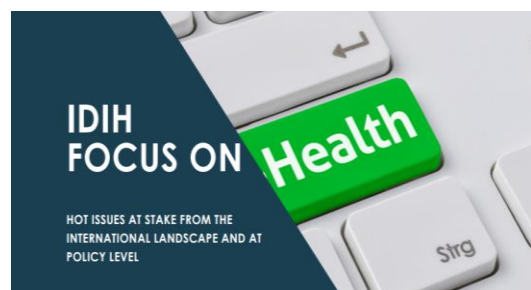
APRE – Agency for the Promotion of European Research – has been the partner of the IDIH consortium responsible for the activities related to the production of the IDIH Magazines.

The strategy set at the beginning of the project to address the production of the IDIH Magazines has foreseen the organisation of contents in **six sections** and the dissemination through **two formats**, as follows.

2.1 The Six Sections of the IDIH Magazine

IDIH Focus On

Following the editorials from the coordinator and/or an EU policy officer and a keynote guest, this section includes significant **updates at policy level** addressing Digital Health & Ageing at international level, in the EU and IDIH’s Strategic Partner Countries, including issues and events from the international R&I landscape. A showcase that served as a mean to monitor the progress of IDIH key partner countries in the field, from both an institutional and a scientific perspective.



¹ IDIH refers to its “wider” Community, meaning the community of stakeholders gathered in the project matchmaking platform <https://health-innovation-community-platform.b2match.io/>. It differs, in this sense, from the “restricted” community of experts gathered in the Digital Health Transformation Forum.

IDIH Experts' Voice



In the Expert's Voice section, **interesting articles from both the IDIH Experts and the IDIH "wider" Community** are published, bridging together the scientific community around Digital Health for Active and Healthy Ageing. It includes a selection of contributions from the high-level experts on a range of several topics as those considered as strategic by IDIH: *Preventive care; Integrated care; Independent and connected living; Inclusive living*. The call for news/articles regularly invited researchers and experts to disclose their expertise to widen and deepen IDIH's dissemination.

IDIH Sharing Corner

The section highlights **key publications and project deliverables and outcomes** in the field of Digital Health & Ageing, from the EU and the Strategic Partner Countries, including research papers and innovative discoveries, redirecting to the related website sections, as well as the main events, and initiatives from the international IDIH ecosystem through project partners.



IDIH Resources



Products, results, and news of the project, supporting IDIH communication and dissemination, are presented briefly by the consortium to highlight the progress of the project and its path towards its expected impact as a coordination and support action.

IDIH Highlights

This section collects **events and initiatives from R&I projects and networks** at national/international level (with a special attention to the IDIH Strategic Countries) gathered together with any **eventual funding opportunity for RDI stakeholders** supporting international cooperation in Digital Health & Ageing, also highlighting networking/matchmaking initiatives in this field.



IDIH Shot



This section comprises a selection of images that could be representative of some activities of the project, capturing moments of dialogue and constructive exchange in presence or virtually during project meetings, webinars, conferences and events.

2.2 The two formats of the IDIH Magazine and its dissemination channels

Starting from May 2020 in a short (HTML) and a full (PDF) version, IDIH magazine has regularly been published on the project website, and re-launched on social media, through partners' networks, the IDIH Digital Health Transformation Forum and the IDIH "wider" Community.

- A short (HTML) version
- A full (PDF) version

- Editorial by our Coordinator (Kristin Dallinger)
- 7 external contributions (IDIH Experts/Users/Platform stakeholders)

Figure 1 IDIH Magazine - Formats and dissemination (Example: IDIH Magazine #4)

The magazine's dissemination process began with a publication in the newsletter section of the IDIH website, which was followed by a written news story to raise awareness of the new issue's release.

The process continued with a re-launch on the IDIH project's main social media channels – LinkedIn and Twitter – and through the dissemination among the +400 stakeholders in the [IDIH "wider" Community](#), as well as dissemination to the experts of the [IDIH Digital Health Transformation Forum](#).

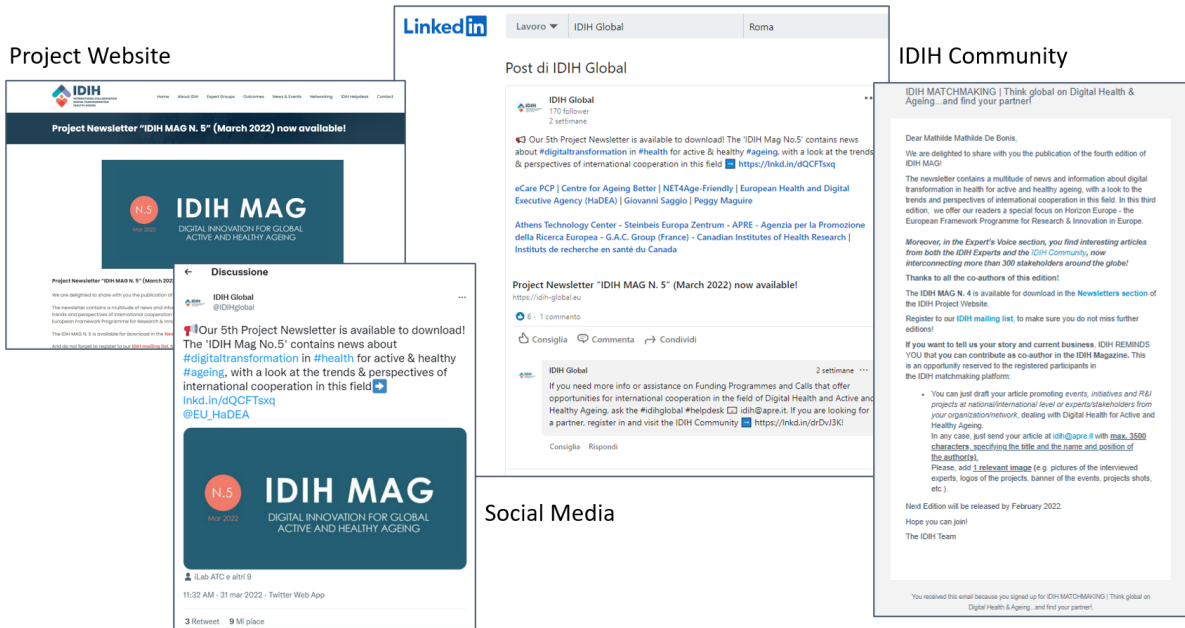


Figure 2 IDIH Magazines - Main dissemination channels

The IDIH Magazine dissemination tasks were shared between the partners: APRE (IDIH Community), GAC (project website) and ATC (social media), and further supported by all project partners who disseminated the Magazine editions in their respective networks.

IDIH Magazine #1

Date of publication	May 2020
Link	https://idih-global.eu/wp-content/uploads/2020/05/IDIH-MAG-May-2020.html

Editorial

EDITORIAL BY Hicham Abghay, IDIH Coordinator

Welcome dear reader,

A substantial portion of our IDIH Magazine May 2020 first edition relates to the ramifications of SARS-COV-2 virus on our social and business life and, most determinately, on our healthcare practice at a global scale. The rapid spread of the virus almost with blanket coverage, triggered still a diversified set of reactions throughout the globe, idiosyncratic to the respective region, but also here and there, poised on science-based evidence. Indeed, a quick glimpse at the recent prolific production of scientific publications and pre-prints demonstrates, on the one hand, large efforts to crack the COVID-19 diffusion machinery but, on the other hand, it divulges the very novel nature of this state of affairs in the middle of which all parties concerned seem to be confined in a way or the other. The concoction of placid restlessness, desperate ingenuity and purposeful determination prompted by long weeks of self-induced or voluntary quarantine and compulsion to struggle for the old normal, brought up an impressive

compassion wave and deep fortitude aiming at tackling this universal challenge at all fronts, be it the falling ceilings of much at home office, the swept streets or depleted businesses.

The elderly feature in this commotion a special element of care and attention. Challenges are not only loomed by gloomy skies, but also large opportunities and novel paths. Some of these that we would like to highlight are the myriad prospects for international collaboration beyond borders to join forces in defying hazards against humanity and the planet earth, as well as the use cases and good practices narrated by seasoned experts. We invite you to leaf through our first edition of IDIH Magazine, enjoy the reading and get inspired by the one or other article made available for your kind contemplation.

IDIH Focus on

The following section opened with the 10 priority actions of the first ERAvsCorona Action Plan, aiming at disclosing the core institutional and policy initiatives taken by the European Commission. From the innovation perspective, a particular attention was given to the initiative of AI Alliance in facing the outbreaks of Covid-19, within the R&I initiatives, financial support to CureVac and new calls from EIC to SMEs and start-ups.

IDIH Experts' voice

From the interview with Gian Marco Revel, Associate Professor at Università Politecnica delle Marche and Coordinator of the Material & Sustainability committee of the same university, light has been shed on the state of the art of age-friendly cities, buildings and infrastructures. The section continues in examining the main challenges of digital and healthy ageing through a policy perspective by analysing the state of health in the EU and the digitalisation of health promotion, to conclude with the D4 Action Group of EIP of AHA – European Innovation Partnership on Active and Healthy Ageing.

IDIH Sharing Corner

An overview of the landscape of digital healthcare addressing Japanese ageing society opened this third section, which continued with short narratives about innovative calls and projects such as the first European hub for mobile health, the project PlatformUptake.eu, including study reports, identifying the specific needs and desiderata of users at different ages, the use of social media for health promotion, and the latest from the R&I Community, such as the first robots that can assist older people and adapt to the culture of individuals.

IDIH Resources

The chapter included a concise assessment of the IDIH Stakeholders Engagement action, which is crucial in the framework of the project and its Forum, managed through an expert-drive approach and a user's-centred perspective, through an open and collaborative environment encouraging mutual learning within the IDIH Community. A brief examination of the role and activities of the Expert Groups (EGs) and the IDIH Digital Health Transformation Forum, as well as with the Policy Makers was done, by explaining the role of the Programme Level Cooperation (PLC), to conclude with the Users associations engaged in the IDIH project in the Users Consultation Group (UCG) and updated on a regular basis on the work implemented by the EGs.

IDIH Highlights

This section contained an examination of the Calls for research projects launched by the AAL programme, within a description of the duties and tasks of the applicants. It continued by analysing the Call 2020 Healthy Aging and the necessary TRL requirements in demonstrating a clear path toward market and added value for different types of end users. The section also investigated AAL Solutions Supporting Older Adults During the COVID-19 Outbreak and described the innovations brought from several actions as for example the EIT Health New funding programmes for the internationalisation of start-up and scale up, and AgeingFit, the event dedicated to innovation in AHA.

IDIH Shot



IDIH Consortium Partners at The Kick-Off Meeting In Helsinki, Finland (6-7 June, 2019)



IDIH Magazine #2

Date of publication	December 2020 – Special Christmas Edition
Link	https://mailchi.mp/2eeac8e273c4/idih-magazine-2-december-2020

Editorial

EDITORIAL BY Martina De Sole Head of International Cooperation, APRE

Dear Reader,

welcome to the second edition of the IDIH Magazine, an opportunity to be updated on news, opinions, opportunities and events in digital transformation in health for active and healthy ageing.

Few difficult months have passed since our first edition, and even if we are trying to tackle a broader set of subjects, you will find still a focus on COVID-19, especially on initiatives needed to pass from emergency to a more structural resilience, also in view of a second level crisis generated by the pandemics: the disruption of mental health services.

Within IDIH, the debate around AHA is shifting towards the importance of well-being and preventive and integrated care. You will find, therefore, different articles and interviews with Experts highlighting these issues, some feedback from the European Week of Active and Healthy Ageing and its links with WHO's Decade of Healthy Ageing aimed to improve the lives of older people, their families, and the communities in which they live.

During the past weeks, the negotiations around the new Multiannual Financial Framework of the European Union were closing. This is involving of course also the definition of the budget of the new European Research and Innovation Framework Programme, Horizon Europe. In this number, we did analyse the situation so far, looking at what we can expect for Digital Health and R&I for the years 2021–2027.

In IDIH we are fostering the dialogue between different Industrialized Countries, that's why you will find interesting articles from experts from Japan, Canada, and South Korea, as well as the contribution of AGE Platform Europe which, as a member of the IDIH Users Consultation Group, provided its perspective on how to design effective solutions for ageing well and build an age-friendly society. We have also recently finalized two Guidebooks where RDI stakeholders, as well as care givers and user's associations, can find an overview of the Funding Agencies and current Programs that deal with Digital Health for AHA in Europe and may represent valuable opportunities for international cooperation in these fields. On this regard, here you will find information also regarding the upcoming funding opportunities for researchers and innovators in Digital Health and AHA in the Highlights session! I'm glad to inform you, finally, that we are preparing a series of worldwide workshops and podcasts for the new year, please stay tuned! I therefore take this opportunity, on behalf of all the IDIH staff, to wish you the best for 2021, sending our Season's greetings for the upcoming festivities.

Enjoy the reading!

Martina De Sole



IDIH Focus on

Addressing a main focus on COVID-19 challenges, the section examined the efforts deployed by the European Commission in building a European Health Union, within the analysis of its legislative proposals and the adoption of a new Pharmaceutical Strategy for Europe. It keeps on analysing the conclusions of the Council of the European Union concerning the human rights, participation and well-being of older persons in the era of digitalisation and concluding with crucial initiatives as the European Health Data Space.

IDIH Experts' voice

The interview with Kanoko Oishi by Sawarabi Group (IDIH Partner) underlined the crucial role played by EU and Japan and how they both take constructive advantages from their partnership. Giovanni Saggio, Professor at the Department of Computer Engineering of the University of Tor Vergata (Italy) and IDIH Chair of the Experts Group on Preventive Care – has provided his vision on Preventive Care perspectives around the themes of Wellbeing and AHA. The section ended with the European Week of Active and Healthy Ageing: a dialogue between experts and policy makers around the future of ageing societies.

IDIH Sharing Corner

Several stakeholders shared their stories of innovation, proofing their capability of bridging science & technology to real human life, such as in the case of AIST (Japan) and keeping dementia away, such as in the case of South Korean GSBC. Other articles described the living conditions under COVID-19 restrictions: the experiences of older adults and caregivers (Canada), or the new project *Next-Generation Internet of Things for innovative healthcare solutions* launched by the European Commission.

IDIH Resources

IDIH brought to the attention of the readers several essential dissemination products of this project: two guidebooks published and freely available on IDIH website concerning the RDI community (D2.1 Guidebook for RDI stakeholders) and the care givers and the user's associations who deal with digital solution for AHA (D4.5 Guidebook for Care Providers and Users). Moreover, a series of six podcasts to present the opportunities for international cooperation to the potential stakeholders in a consistent manner throughout the second part of the project life, starting from 2021, available on the IDIH website. The section concluded with reporting on the first meetings of the IDIH experts and the Users Consultation Group.

IDIH Highlights

EIT Health launched the flagship accelerator program for start-ups in Digital Health, Medtech and Biotech with the support of Health Axis Europe, allowing the applicants to become part of the EIT Health Community of world leading medtech, biotech, pharma and IT companies. Other calls concerned the Gatekeepers partner projects, Ageing Fit event, and the AAL annual forum.

IDIH Shot



The editorial staff of IDIH Magazine (APRE Team)

IDIH Magazine #3

Date of Publication	May 2021
Link	https://mailchi.mp/a6608c617ca4/idih-mag-n-3-may-2021

Editorial

EDITORIAL BY Irina Kalderon Libal Policy Officer, DG CNECT, European Commission

Dear Reader,

Welcome to this edition of the IDIH Magazine, an opportunity to be updated on news, opinions, opportunities and events in digital transformation in health for active and healthy ageing, with a look to the trends and perspectives of international cooperation in this field.

The EU has international cooperation activities in the area of digital health with a number of key partner countries like Japan, Canada, South-Korea, India, African countries and the USA. We can say that in the future, the international cooperation in the area of digital health will be mainly oriented at enhancing collaboration and mutual cultural understanding, e.g., regarding smart living approaches to further develop cultural adaptations, as in the ongoing EU-Japan collaboration of social robots assisting older people in fall prevention. Moreover, efforts will be put in promoting European values regarding interoperability and good governance in the sharing of health data, taking into account data privacy but also security-relevant aspects considering human rights abuses, and ensuring citizens' trust. One of the main priorities of the European Commission in the area of the digital transformation of health and care is, indeed, the creation of a common European Health Data Space (EHDS), as set out in the European Strategy for Data adopted in February 2020, with the aim of improving safe and secure accessibility of health data, allowing, thus, for targeted and faster research, diagnosis and treatment.

Horizon Europe will offer various R&I opportunities for enhancing the use of digital technologies for better health and care, to empower doctors, patients and citizens with better digital health literacy, to enhance the adoption of digital health solutions through a stronger ecosystem. In this scenario, the innovation and deployment of digital health technologies are an absolute priority. A dedicated European Partnership on Transforming Health and Care Systems would provide input for the scientific priorities, especially with regard to unmet public health needs. The international actors of R&I will have, thus, again the chance to enhance cooperation with the EU in the framework of Horizon Europe, that continues to be inspired by a general principle of openness to the world, while taking into account mutual benefits, international commitments, scientific diplomacy and reciprocity criteria.

Ageing, as a global challenge, is now a common ground for mutual learning and cooperation, and may also plenty of opportunities for economic growth, with a more prominent silver economy, technological and health innovation, and a more inclusive and fairer society for longer, healthy and meaningful lives. The Green Paper on Ageing (January 2021) adopts a whole life approach to ageing, calling for taking adequate policy actions in different domains, from improving the health and wellbeing of older people, to promoting life-long education, gender equality and civic participation of older people. Putting this in the perspective of a Green and Digital transition it is important to harness the potential of digital technologies and better digital skills for all: e.g Apps that promote healthy lifestyles from early on or help with chronic conditions; enhance the use of telemedicine and reduce hospitalizations, waiting hours or



increased risk of infectious diseases; adapt our houses, working and living spaces, communities and cities to the ageing process, also with the help of digital technologies.

This edition of the Magazine, by highlighting such innovations globally, especially through the experts perspectives, and updating on the process of implementation of Horizon Europe, envisages, then, great opportunities for international cooperation in the field of Digital Health & Ageing.

So, happy reading!

Irina Kalderon Libal

IDIH Focus on

With the setting up of the Horizon Europe program, this edition opened by highlighting the crucial role of this program with a thorough examination of its pillars and operational specificities. The subsection illustrated the proposal for a Regulation of Artificial Intelligence by the European Commission, reporting some useful factsheets by the European Parliament on Horizon Europe, the assessment of International Cooperation under Horizon Europe and Open Science free tools by the European Commission.

IDIH Experts' voice

“Design and Technologies to eliminate Human Loneliness” was the title of the interview with Ory Yoshifuji, co-founder and CEO of Ory Laboratories Inc. included in this section, focusing on implementing technology in helping and reducing risks for dementia and disabled people. The section also highlighted the initiative taken by the Centre for Aging and Brain Health Innovation – CAHBI (Canada) in launching the GLOBAL DIALOGUE ON TECHNOLOGY BY THE WORLD DEMENTIA COUNCIL.

IDIH Sharing Corner

This section covered that the European Commission launched the Platform “Futurium. Active and Healthy Living in the Digital World”, as part of the Forum Active and Healthy Living in the Digital World, a multi-stakeholder forum of EU to support the R&I community and initiatives related to active and healthy aging, such as the EIP Partnership on AHA and the AAL – Active and Assisted Living Program. The WHO Global Report on Ageism and Toolkit on supporting older people in facing Covid-19 pointed out the necessity of more effective strategies to prevent and respond to ageism. Information on how along with Covid-19, US-China collaboration on Covid-19 research and the EU Strategy for the development and availability of therapeutics, also enriched this section.

IDIH Resources

IDIH Week 2021, Guidebook publications and podcasts are part of this subsection, besides some opportunities for international researchers and innovators to get funded in Europe. The section deepened some aspect of information on funding opportunities for international cooperation in the field of Digital Health for AHA Policy engagement.



IDIH Highlights

A renewed and reinforced cooperation between EU and the USA set the key priorities in the fields of tech and ageing thanks to the Digital Rulebook, opened this chapter, continuing with the Bio Japan 2021 exhibition and the Digital Health & AHA funding opportunities, within other relevant events on AHA.

IDIH Shot



IDIH 4th project meeting – On the 1st and 2nd of March the 4th IDIH project meeting took place online. The consortium had the opportunity to discuss the evolution of the project and plan for the next key events and actions.

IDIH Magazine #4

Date of Publication November 2021

Link <https://mailchi.mp/2eeac8e273c4/idih-magazine-2-december-2020>

Editorial

EDITORIAL BY Kristin Dallinger IDIH Coordinator

Dear Reader,

The increased prevalence of new chronic conditions and multi-morbidities in rapidly ageing societies call for enhanced international collaboration to address these global challenges. Inspired by the themes of the WHO's initiative "UN Decade of Healthy Ageing – 2021-2030", the H2020 project IDIH aims to foster international collaboration in the field of digital health for Active and Healthy Ageing (AHA) between the European Union and five Strategic Partner Countries (USA, Canada, China, Japan, and South Korea). Serving as a catalyst for the international dialogue, IDIH is currently supporting the definition of common priorities of the six participating regions and developing a roadmap towards enhanced international cooperation in the field of Digital Health for AHA, which will be released in April 2022.

The fourth edition of the IDIH Magazine now provides you with an opportunity to be updated on news, opinions, opportunities, and events in digital health for active and healthy ageing with a special focus on international cooperation in this field.

In the Expert's Voice section, you find interesting articles focused on different topics, from medical diagnostic errors to Health Care Innovation and Data Sharing, from both the IDIH Experts and the IDIH Community, interconnecting more than 300 stakeholders around the globe.

In the Resources section, you can read more about the latest IDIH's global stakeholders workshop involving experts, policy makers and user associations on the path of co-developing a roadmap for International Digital Health Cooperation for Preventive, Integrated, Independent and Inclusive Living.

This section further provides an updated version of the IDIH Guidebook – a compendium of current and upcoming funding opportunities addressed to RDI stakeholders, care providers and user associations supporting international cooperation in Digital Health and AHA. In addition, for an overview of Digital Health and AHA in the five Strategic Partner Countries of IDIH (Canada, China, Japan, South Korea, USA) you can access Factsheets summarizing R&I priorities and key funding programmes and agencies in place of the respective country. I also invite you to listen to the IDIH Podcast, in which each episode focuses on one of the strategic regions, exploring with researchers, innovators and policy makers the frontiers of Digital Transformation for AHA. To stay up to date on upcoming events and IDIH findings feel free to visit the project's website, follow via Twitter, LinkedIn, Podcast and register on the IDIH Matchmaking Platform.

So, happy reading!

Kristin Dallinger

IDIH Focus on

In continuity with the motto “Open to the World”, the Communication of the EC on the Global Approach to Research and Innovation focused on the cooperation strategy on R&I integrated in the Horizon Europe provisions. Other noteworthy EU’s initiatives such as the Policy Programme for a “Path to the Digital Decade”, or EU-China Joint Roadmap for the future of STI cooperation and in the field of Open Science the launch of ORE (Open Research Europe) complete the section.

IDIH Experts’ voice

Vice secretary general of Japan Association of Applied It Healthcare and Aging 2.0 Tokyo Yasuko Akutso described the similarities between EU and Japan in the AHA cooperation. Francesco Giuliani, Director of the Innovation and Research Unit at Fondazione Casa Sollievo della Sofferenza (CSS), illustrated the key outcomes of the GATEKEEPER Platform within its ambitions.

IDIH Sharing Corner

This section presented Pharaon, a project aimed at providing support for Europe’s ageing population by integrating digital services, devices, and tools into open platforms that can be readily deployed within the safeguard of elder’s dignity. The section kept underlying the relevance of the EU-Japan Cooperation on Digital Health and Ageing with the EC publication on the initiatives supporting this partnership. WHO Baseline Report, PlatformUptake.eu and other actions deepened the section’s narrative.

IDIH Resources

IDIH Stakeholders’ Event gathered all experts and users engaged to date in the IDIH Digital Health Transformation Forum, to provide updates on project findings and brief on the upcoming initiatives. The section concluded with updates on Podcast on the Future of Happy and Healthy Ageing and IDIH Guidebooks on opportunities for international cooperation

IDIH Highlights

The adoption of the first Work Programmes of the Digital Europe Programme within its subprogrammes set the opening of the section, enriched with several events, such as AgeingFit and Medfit, the Global Summit Telemedicine & Digital Health 2021 (9–12 November 2021) and the Global Summit Telemedicine & Digital Health 2021 (9–12 November 2021), as well as other contributions exploring the potential of digital innovation for elderly health and social care.

IDIH Shot



IDIH Stakeholder’s Event | 4 October, 2021

IDIH Magazine #5

Date of Publication	March 2022
Link	https://mailchi.mp/6c0364a5296b/idih-magazine-5

Editorial

EDITORIAL BY Kristin Dallinger IDIH Coordinator

Dear Reader,

even though relevant key programmes and funding agencies are supporting collaboration in digital health Research & Innovation on a national and international level, there are relatively few international Science, Technology & Innovation agreements in place between the EU and Strategic Partner Countries, especially with Asia. Thus, further international demand for cross-border cooperations seems to be evident, to particularly address the challenges of Active and Healthy Ageing (AHA) with digital health solutions in a globally coordinated manner leveraging on each partners' expertise.

Through a thorough analysis of key enablers and expert consultations, the H2020-project IDIH was able to gain a clear picture depicting similar overarching challenges related to digital health for AHA (For detailed information please refer to this IDIH report D1.2) faced by the EU and the five Strategic Partner Countries under investigation – Canada, China, Japan, South Korea, and USA. While all the 6 regions are jointly facing a common challenge, namely that of an aging population, they are also confronted with similar issues such as insufficiency of essential regulatory frameworks regarding ethical and security issues on eHealth data access; highly regulative and impeding procurement systems, complex certification procedures that hinder the industrialisation of digital healthcare, the development of related start-up cultures, and hence the growth of the digital health market; and lack of necessary funding for research and development which is either not available in sufficient quantity or scattered across different funds and objectives.

The IDIH project has further identified several analogies across the EU and its Strategic Partner Countries deriving prioritized recommended areas for international cooperation in the field of digital health for AHA (IDIH report D1.3): Data infrastructure improvement and enhanced data exchange is one of the main priorities, including corresponding topics like an empowerment of citizen's through access to their health data. Interoperability standards should be another high priority issue at transnational level. Preventive care technologies and solutions supporting care at home for the elderly populations living independently will be key to relieve the health care system, along with eHealth to serve remote areas, reduce hospitalisation rate or specialist doctor's appointments.

With a view on health topics to be jointly addressed, the countries under study have recognised that a combination of Research & Innovation measures needs to be taken into consideration to alleviate the healthcare burden through ageing and support AHA for all, including (1) the understanding of the complex health challenges arising from multimorbidity of the elderly related to ageing, (2) personalised medicine for more effective, adult-centred solutions for the senior population, (3) measures for health promotion, disease prevention and care at home and (4) social challenges regarding health care and inclusion of elderly people.

With its ambition to serve as a catalyst for the international collaboration in the field of digital health for AHA, IDIH is now offering a second edition of the IDIH Week, following the overwhelmingly positive response to last year's event.

IDIH Week is a virtual four-days event dedicated to interconnect researchers, innovators, care providers and users' associations dealing with Digital Health for AHA. This year's edition of the IDIH Week is an occasion to present and discuss the projects findings and products, as well as to engage the IDIH community of experts – now counting more than 400 stakeholders gathered in this platform – in networking and open innovation sessions around Digital Health for AHA at international level. IDIH Week took place online between March 21–24, 2022 with three sessions dedicated to Information, Networking & Matchmaking, and Co-creation. A key-novelty of this 2022 edition were two Regional Workshops dedicated to the R&I landscape around Digital Health & Ageing, in the USA and Japan.

To stay up to date on IDIH's final project finding visit the project's website, follow via Twitter, LinkedIn.

Enjoy reading!

Kristin Dallinger

IDIH Focus on

Supported by funding from the Horizon Europe Programme and the Digital Europe Programme, the European Chips Act's proposal was a watershed in the EU's policy to strengthen the Europe's technological leadership. New calls for proposals in the Digital Europe Programme as well as the EU4HEALTH 2022 Annual Work programme adoption and the Japan's state of art on ageing policies, within other narratives, were the articles of interest within this section.

IDIH Experts' voice

Peggy Maguire, Director General of the European Institute of Women's Health (EIWH), highlighted the need for gender equity in health. Giovanni Saggio, Dept. Electronic Engineering, University of "Tor Vergata", illustrated the efficiency of voice-based diagnosis in determining pathologies and other conditions analysed by Artificial Intelligence. The chapter concluded with several eCare encouraging testimonies.

IDIH Sharing Corner

Covid-19 and older people, challenging Ageism, and updates on Ageing Policies were the core issues of this subsection, which dedicated most of its analysis on assessing a comparative perspective of ageing in different EU and non-EU countries, within the study of Parkinson's symptoms and ageing policies.

IDIH Resources

The IDIH Week 2022 was presented in this section, with an update on the latest project findings and products towards the elaboration of the IDIH Roadmap to enhance international cooperation on Digital Health and Active and Healthy Ageing, highlighting how this has been approached in IDIH as an incremental knowledge co-creation process based on an expert-driven approach and a user-centred perspective, in order to favour evidence-based policies and an international policy dialogue.



IDIH Highlights

The section explored several initiatives, such as the Commission publication of a Call for evidence and public consultation on standard-essential patents (SEPs), a Call for papers on resilient and responsive health system in the changing world. It concluded focusing on industry's award and tenders.

IDIH Shot

**Digital Health for Active and Healthy Ageing. Addressing the needs of users,
February 3, 2020**

2° UCG meeting, 3 February, 2022



In the picture from left to right, from top to bottom: Gloria Gutman (International Society for Gerontechnology Canada), Peggy Maguire (EIWH), Mathilde De Bonis (APRE).

IDIH Magazine #6

Date of Publication	May 2022
Link	https://idih-global.eu/news-events/#pagenews-newsletter

Editorial

EDITORIAL BY Krisztina Dax, GAC (IDIH Partner responsible for *Awareness Raising and impact maximization*)

Dear Reader,

The EU-project IDIH project is ending but a new journey awaits the IDIH Stakeholders! This edition of the Magazine will outline the future of the IDIH Community, so enjoy your reading!

*IDIH was initiated with the objective to further enhance international collaboration to **advance digital health** supporting AHA through innovation.*

*To work towards this goal, IDIH has created the **Digital Health Transformation Forum**, a long-lasting and expert-driven catalyst to foster collaboration between the EU and five Strategic Partner countries, i.e. Canada, China, Japan, South Korea and the USA, which brought together experts, policy makers, and users from the six regions in a series of consultations and co-creation sessions to jointly develop a roadmap **towards enhanced international collaboration** in this field.*

Along its way towards creating this roadmap, IDIH has conducted several in-depth studies, such as an assessment of the international collaboration landscape in digital health and AHA with a regional focus on the EU and the Strategic Partner Countries (Canada, China, Japan, South Korea, USA) and a thematic focus on research priorities, challenges, funding programmes, and other framework conditions, contributing to build a basis for the experts' work in the project. Furthermore, the project also produced guidebooks that provide information on funding opportunities, and numerous other materials and tools, such as podcasts, magazines, a dedicated helpdesk etc. After the end of the project **these results will remain accessible through** the [IDIH website](#), the [IDIH Long-term matchmaking platform](#), and a [dedicated IDIH page on CORDIS](#).

In the occasion of the [IDIH Week 2022](#), the **International Experts Forum for Health Innovation** within the [ENRICH GLOBAL "Health Innovation" Thematic Group](#) has been launched. This new Forum will further enhance international cooperation, starting from the field of Digital Health for AHA, but also going beyond, embracing R&I on global health challenges at large.

*More information on this, the various IDIH results and how to access them, can be found in the section **IDIH Resources** and throughout the whole Magazine.*

Enjoy reading!

Krisztina Dax

IDIH Focus on

The section opened with the presentation of a decisive step forward from the EC to strengthen the Europe's technological leadership, who launched the Digital Markets Act. A close perspective to social caring, within insights in the EU Care strategy challenges, completes the section. Finally, latest from the major international policy players on the state of art of AI and its impact on Ageing is included.

IDIH Experts' voice

The interview with Sakon Yamamoto (SAWARABI) on the overview on the Agencies and Ministries leading in Japan Digital Transformation for a rapidly ageing society, opened this section, followed by the interview with Dr. Lorenz Granrath who – with over 25 years of experience in industry and technology transfer and a specific expertise in the field of smart ageing, provides his testimonies as partner in the e-Vita project. Other contributions are here included from the IDIH Community of stakeholders, and the IDIH Digital Transformation Forum, such as the contribution from Emily Lee, exploring the R&I landscape around Digital Health and Ageing in South Korea.

IDIH Sharing Corner

Several social age-centred studies addressing urban and social challenges with a special focus on Alzheimer, opened this session. Nonetheless, besides sharing the main international AHA events, new funding opportunities and updates on project initiatives concluded this section.

IDIH Resources

Among the issues addressed by this section: Italy as the frontrunner country launching the **First Executive Master's in Digital Health Innovation led by Politecnico Milano Graduate School**. A new **IP Guide** published to deliver new solutions and the annual **EPO Patent Index**.

IDIH Highlights

The EU R&I community is constantly favouring any type of support to solve as fast as possible the on-going Ukraine crisis. Thus, the EU aids on Ukrainian scholars is one of the milestone articles of this section, which continues with a series of articles leading to new AAL2Business initiatives and toolkits, and a [report](#) by the United Nations Office of the High Commissioner for Human Rights (OHCHR) that shed light on the enjoyment by all older persons of human rights, calling for a two-track approach: better implementation of existing norms and standards and accelerated development of a new UN convention.

IDIH Shot



IDIH Project Meeting | 4-5 April, 2022

3 Conclusions

The IDIH Magazines addressed the Digital Transformation supporting Active and Healthy Ageing internationally through an expert-driven approach and a user's-centered perspective, disseminating information and favoring networking and international cooperation among the stakeholders of the project.

Over the past two years, the scientific community has found itself faced with a pandemic crisis, still ongoing, that has greatly influenced even the IDIH project initiatives internationally, then redesigned as virtual and mainly re-approached also methodologically. This has been reflected also in the Communication & Dissemination products of the IDIH project. Therefore, even a substantial part of the IDIH Magazine since its first edition in May 2020 has focused on the breadth of the scope of the SARS-COV-2 virus as well as its ramifications. Through a continuous update on the relevant policies and initiatives in Europe and the IDIH Strategic Partner Countries, the section *IDIH Focus on* helped to shed light on how Covid-19 has impacted the social lives of the older people and how health systems and the R&I landscapes responded to this challenge internationally.

Nevertheless, this has not kept the IDIH consortium from gathering the perspectives of the stakeholders of Digital Health for Active and Healthy Ageing internationally – from researchers to users' associations, from care to tech providers – especially as co-authors in the Magazine section *IDIH Experts' Voice* and as promoters of relevant publications in the section *IDIH Sharing Corner* where also a major emphasis has been given to multidisciplinary experiences, as well as to initiatives of international cooperation in the field.

On this regards, the use of the [IDIH Community platform](#) as a key-dissemination channel has contributed to progressively stimulate the stakeholders' interest in the IDIH Magazine who then collected the contribution of distinguished experts (22 external co-authors/interviewees from the IDIH Community). The voice of the experts has been a unified chorus that has always marked the rhythm of this project disclosing answers and forecasting constructive perspectives to face the global challenge of a digital transformation ensuring healthy ageing.

As a global challenge, ageing revealed to be a common and shared ground for mutual learning and beneficial cooperation, further promoted by highlighting opportunities for funding, information, matchmaking, or open innovation through relevant events and other initiatives collected in the *IDIH Highlights* section.

Finally, this Magazines series has also served a privileged space for the communication and dissemination of the IDIH project itself, that promoted its activities, products and events through the dedicated section *IDIH Resources*.



IDIH

**INTERNATIONAL COLLABORATION
DIGITAL TRANSFORMATION
HEALTHY AGEING**

