

ERASMUS +

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1 Introduction

The DISH D7.5 gathers all summaries of the National Seminars, locally organised to disseminate knowledge and results from the project by each triple helix partnerships.

2 National Seminars

Towards the end of the project, the DISH triple helix partnerships have been responsible to organise dissemination events at national/local level.

The main purpose of these presentations has been to motivate the audience to focus on improving the digital skills needed in the health care sector.

The national seminars highlights are reported in the next sections of the document.

2.1 Denmark

2.1.1 Digital competencies and successful implementation

Date: 09.02.2022



How do you succeed in developing digital and innovative competencies, and how do you support the implementation of health technologies? A digital workshop offered participants an introduction to 3 new tools that promote successful technology implementation in the healthcare sector.

Hospital of Southern Jutland, University College Lillebælt, the Southern Denmark EU Office and the Danish Life Science Cluster invited to a digital workshop on 9th of February 2022, to inspire the development of digital and innovative competencies in the health sector.

Based on the results of European project cooperation **DISH** (Digital Innovation Skills Helix), the workshop, focused on how a holistic approach to skills training can promote successful technology implementation in the healthcare sector.

The aim of the workshop was to ensure that the participants became acquainted with 3 tools to support implementation:

1. A planning tool
2. A training tool
3. A competence assessment tool

This very concrete offer created great interest and a total of 135 people from all over Denmark signed up for the digital workshop. It was primarily, and equally distributed, implementation managers from municipalities and hospitals who participated, but also approx. 20 companies had found time to participate in the workshop. It was of course a pity that it was not possible to meet physically, but the

digital meeting has gradually just become a premise that we live with, and perhaps the digital format made it possible for people from all over the country to find time to participate in the workshop.

The great interest from all over the country shows that there is a great need for some tools that can help us to ensure the successful roll-out of new technologies. This confirms that the entire working basis of the DISH project has been extremely relevant. In particular, it should be noted that the number of product-leading companies seeking these tools is growing.

There is a tendency that the healthcare system is no longer so interested in buying a given technology, but that what they want to buy is the effect of the technology. In order for a company to be able to deliver the effect, they must be able to support the implementation of the technology in the organization, says Karen Lindegaard, Danish Life Science Cluster.

2.2 Germany

2.2.1 Change management in the healthcare industry - more cooperation is needed

Date: 08.03.2022



How can the challenge of successfully advancing the digital transformation in the #healthcare sector be mastered while at the same time fully involving the #professionals involved?

This was the central question of the DISH project. In yesterday's event, organised by BioCon Valley® GmbH in cooperation with the Netzwerk Deutsche GesundheitsRegionen e.V. (German Health Regions Network). (NDGR), participating stakeholders presented experiences and results from the project and similar projects in Germany.

Many commonalities and similar challenges became clear, especially in terms of staff participation and the need for interdisciplinary cooperation, as well as cooperation with manufacturers and training institutions in the creation of training curricula. The speakers and participants therefore unanimously welcomed further #cooperation between all those working on the topic in Germany and in Europe. The challenges mentioned can be solved more easily through a more intensive cooperation of all stakeholders.

2.3 Norway

2.3.1 Ny verktøykasse for suksessfull implementering og effektiv opplæring av e-helse og velferdsteknologi

Date: 09.03.2022



How can we help make the health and care sector better equipped to receive and apply new technology in the service? A new toolbox for implementation and training was presented in Bergen on 9 March at the presence of more than 50 attendees.

Seminaret var en del av prosjektet DISH (Digital & Innovation Skills Helix in Health), et europeisk fellesprosjekt som søker å gi helse- og omsorgspersonell et bedre grunnlag for å anvende ny teknologi i hverdagen. DISH har som mål å gjøre helse- og omsorgssektoren bedre rustet for å ta imot og anvende ny innovasjon, og øke deres grad av «innovation readiness». Formålet er å identifisere nåværende og fremtidig behov for digital kompetanse, for så å utvikle, teste og presentere ulike konsepter som vil gjøre helse- og omsorgssektoren i stand til å håndtere den digitale transformasjonen på best mulig måte. Prosjektkonsortiet, totalt 19 organisasjoner, består av regionale «triple helix» partnere fra seks europeiske land; Norge, Danmark, Storbritannia, Polen, Tyskland og Spania. Hver av de seks triple helix økosystemene representerer helse- og omsorgssektoren, utdanningsinstitusjoner og helsenæringen (bedrifter/leverandører).

Verktøykassen

Alle som leverer helse- og omsorgstjenester må forholde seg til en jevn strøm av nye digitale løsninger fremover. Bak denne strømmen ligger store investeringer i form av tid, ressurser og kapital. På den andre siden av implementeringen forventer vi gevinster. Men å putte en digital løsning inn i en etablert arbeidsprosedyre, og forvente at det flyr av seg selv, fungerer ikke alltid godt.

Implementering handler ikke bare om systemer og devices, det handler også om menneskene som skal bruke teknologien i sin arbeidshverdag. En ny løsning er ikke hele svaret på utfordringene. Vi

må også jobbe annerledes, tenke annerledes, og føle oss trygge på teknologien for at det skal fungere og gi full effekt.

Og det er her resultatene fra DISH prosjektet kommer inn. Etter tre år nærmer prosjektet seg slutten, og den 9. mars la det norske prosjektkonsortiet frem "DISH verktøykassen" for om lag 50 deltakere på EITRI innovasjonssenter i Bergen. Verktøykassen består av 3 nye verktøy som er testet ut både i norsk og europeisk kontekst:

- Et planleggingsverktøy
- Et verktøy for ferdighetstrening
- Et verktøy for planlegging av kompetansevurdering

I tillegg delte de to kommunene som har deltatt i den norske utprøvingen av verktøyene sine erfaringer. Begge kommunene var enige om at DISH verktøyene hadde bidratt positivt inn i innføringen av ny teknologi.

Verktøykassen fra DISH bidro til at vi fikk identifisert de ulike aktørene som måtte være med i planleggingen tidlig i forløpet. Vi ble også oppmerksom på hvordan vi måtte tilpasse kommunikasjonen og planene i forhold til hvem vi skulle nå, og dette var veldig nyttig for oss, sier Anita Lønnebakken Sævild som er prosjektleder i Vaksdal Kommune.

Viktigheten av offentlig privat samarbeid

Etter presentasjonsrunde ble det satt sammen tverrfaglige grupper, hvor hensikten var å dele erfaringer og utfordringer på tvers av helsetjenesten, næringsliv og akademien. Gruppene diskuterte hva det er som gjør at teknologi ikke blir tatt i bruk i stor nok grad i dag, og hvilke kritiske suksessfaktorer som må være på plass for å lykkes med implementering av nye løsninger. Diskusjonene belyste blant annet viktigheten av et godt offentlig-privat samarbeid, og at en sertifiseringsordning for trening og opplæring i e-helse og velferdsteknologi vil kunne være et godt verktøy for å engasjere ansatte.

Å høre resultatene fra DISH prosjektet har vært en øyeåpner for meg, sier Tone Skår, avdelingsleder for Norwegian Smart Care Cluster i Vestland. - Jeg tror det er et mulighetsrom her for leverandørene til å hjelpe helsetjenesten med å skalere opp bruk av helseteknologi. Med utgangspunkt i DISH konseptene kan leverandørene utvikle skreddersydd opplæring som varer, gjennom jevnlig oppfølging og tilpasning til brukernes behov.

Neste steg

DISH prosjektet avsluttes formelt ved utgangen av April 2022, men prosjektleder for den norske "triple helixen" er tydelig på at arbeidet på ingen måte er ferdig med dette.

Nå starter jobben med å tilpasse dette til norsk kontekst, sier Tone Elin Mekki, førsteamanuensis ved Høgskulen på Vestlandet. - Vi må sørge for at denne verktøykassen blir kjent og tatt i bruk, og for å oppnå det tror vi at vi må få det til å passe inn med allerede eksisterende verktøy som helsesektoren bruker i dag. Så dette skal vi jobbe videre med i tiden som kommer.

2.4 Poland

2.4.1 Digital competences in medicine - needs and perspectives

Date: 25.03.2022



What was DISH - DIGITAL & INNOVATION SKILLS HELIX IN HEALTH accomplished? What are the plans for future activities in the area **of increasing digital competences in the healthcare sector**? What role can the SIG-Talenty group play?

This has been discussed during the mini-conference on March 25, summing up the Cluster's commitment to the DISH project implemented since 2019. Together with the LifeScience Krakow Cluster, eight Partners from European Union countries took part in the project, representing different cultures, political structures, educational habits and healthcare systems.

During the meeting, **the needs and perspectives of digital competences in medicine** in the context of the operation of the SIG Talenty group have been presented. Among others, relevant attendants to the event have been: [1+1 Spółdzielnia Socjalna](#), [Infobrokerska.pl](#), [Execmind Life Science Executive Search](#), [Eurokreator](#) and [A1Europe](#).

2.5 Spain

2.5.1 DISH European project ends

Date: 26.04.2022

EVENTO FINAL PROYECTO ERASMUS + DISH

Habilidades digitales y de innovación en salud



Martes 26 de abril de 2022
de 10:00 a 11:15 h
Sesión online gratuita a través de Zoom



The DISH (Digital and Innovation Skills Helix in Health) project, funded by the European Commission's Erasmus+ programme, started at the end of 2018 and is now coming to an end.

In these 3 years of work, the consortium of this project has developed training tools to improve the digital skills of healthcare professionals and benefit patients with various pathologies, improving the quality of healthcare.

To mark the completion of the project, a final online event was held on 26 April, attended by 55 members of the public from different healthcare professions, nurses, doctors, researchers and teachers. In this session, Gertrudis Fornés (Polibienestar Institute of the UVEG), Vicente Traver (ITACA-SABIEN group of the UPV) and M^a Eugenia Gas (Instituto de Investigación Sanitaria La Fe) presented the project and the results obtained. In addition, two guest speakers participated in the session: Olga Navarro (professor and co-author of "invisible nurses"), who spoke about the need for visibility and empowerment of nurses and Carlos Serra (researcher at the Polibienestar Institute), who presented another Erasmus + project, MIG-DHL, focused on the digital literacy of migrants.

2.6 United Kingdom

2.6.1 New programme – DISH Project

Date: 09.03.2022



The Liverpool 5G Showcase Event 2022 has been attended by 195 persons. Theme of this year has been: *Discover how to create a private, standalone 5G network, and how it can help bridge the digital divide, combat digital poverty and improve health and wellbeing.*

Alex Hunter, director of the eHealth Cluster and representing the DISH UK Triple Helix Partnership, gave a full presentation about the DISH project.

Themes shared with the large audience have touched based the entire life time of the project, namely: reasons why an approach as the one proposed by DISH was deemed necessary, needs addressed, tools developed to answer these needs, implementation and use of DISH tools in the project's pilot sites, consequences and impact of the COVID 19 outbreak on the project's activities.

Good stories springing from the DISH implementation and main project's final findings have been shared with the audience, as well the final legacy left by DISH.

3 Conclusions

The present deliverable gathers all the highlights of all the national seminars organised by the DISH Triple Helix partners in their local context.

Aim of the seminars has been to present the final DISH results and to motivate the local audience in adopting them to bridge the gap between the progressing digitalization of national health systems and the lack of required skills through the implementation of professional education and training programs.