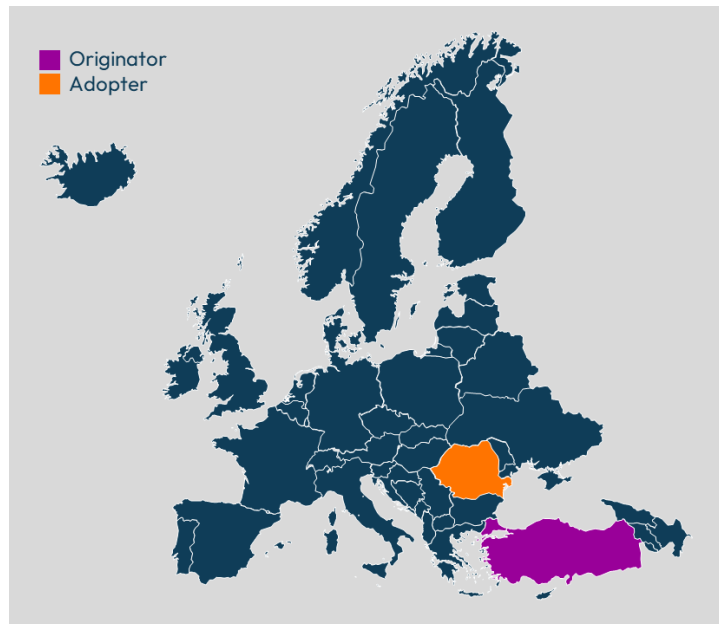




## DHU Twinning: Smart Hospital

Originator: Ekspoturk, Turkey

Adopter: Digital Innovation Zone, Romania (DIZ EDIH)



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## Overview of the Smart Hospital Twinning Project

The **Smart Hospital Twinning Project**, part of the Digital Health Uptake initiative, aimed to transfer and adapt an advanced digital health model from Türkiye to Romania. Its primary focus was to enhance healthcare interoperability and operational efficiency through the implementation of the **Smart Hospital model**—a simulated environment integrating cutting-edge digital health technologies. The project fostered collaboration between healthcare stakeholders in both countries, creating a platform for knowledge exchange and the establishment of a strong cross-border healthcare network.

## Objectives and Implementation

The Smart Hospital Twinning Project set out to:

- **Transfer and adapt** the Smart Hospital model from Türkiye to Romania, ensuring it met local healthcare needs and regulatory requirements.
- **Build a sustainable network** of stakeholders across both countries to facilitate continuous collaboration in digital health.
- **Create an interoperability resource** to align digital health practices and regulations between Türkiye and Romania.

Due to visa restrictions, the implementation relied heavily on online meetings and webinars. Despite these limitations, the project maintained momentum through flexible planning and a commitment to a solution-oriented approach.

## Key Outcomes

### *1. Technology Transfer*

The **Smart Hospital model** was successfully localized for Romania, creating a simulated healthcare environment that showcased advanced digital health technologies. This demonstrated the feasibility of adapting a complex digital system to meet a different country's healthcare framework.

### *2. Interoperability Report*

A **comprehensive interoperability report** was developed, comparing healthcare regulations between Türkiye and Romania. The report also provided strategic recommendations for improving the interoperability of digital health systems across both countries.



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### *3. Network Building*

The project facilitated the expansion of a **collaborative network**, involving healthcare providers, technology companies, and regulatory bodies. This network has laid the groundwork for ongoing partnerships and further digital health developments in both countries.

### *4. Stakeholder Engagement*

Despite the lack of in-person interactions, regular online meetings and webinars ensured continuous dialogue between stakeholders, fostering the exchange of knowledge and ideas throughout the project.

### **Success Factors**

The success of the Smart Hospital Twinning Project was attributed to several key factors:

- **Industry Willingness:** Stakeholders from both Türkiye and Romania were highly motivated to engage. Turkish stakeholders saw the project as an opportunity to expand into Europe, while Romanian stakeholders were eager to adopt innovative digital health solutions.
- **Commitment to Objectives:** Both the Turkish and Romanian teams were dedicated to achieving the project's goals, driving progress despite logistical obstacles.
- **Adaptability:** The project's flexibility in addressing unforeseen challenges—such as visa issues and budget constraints—was crucial to its overall success.

### **Challenges Encountered**

#### *1. Visa Restrictions*

Due to Türkiye's exclusion from the Schengen area, visa difficulties limited in-person meetings, which affected some planned activities and delayed certain aspects of the project.

#### *2. Online Engagement Limitations*

While online meetings were essential in keeping the project moving forward, they were less effective than face-to-face interactions. This created some difficulties in building deeper collaboration and rapport among stakeholders.

#### *3. Short-Term Gains Focus*

Some stakeholders prioritized immediate financial returns over the long-term value of network-building, requiring additional effort to align these expectations with the project's overarching goals.



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## Future Plans

The Smart Hospital Twinning Project has set the stage for ongoing collaboration and expansion:

- **Smart Hospital as an Advisory Service:** Plans are underway to establish the Smart Hospital model as an advisory service across Europe, particularly in Türkiye and Romania, offering expertise in hospital digitalization and smart hospital system design.
- **Smart Hospital at HIMSS Eurasia Health Conference 2024:** The project will feature prominently at the 2024 HIMSS Eurasia Health Conference, showcasing the Smart Hospital model to a broader European audience and fostering additional partnerships.
- **Turkish-Romanian Smart Hospital at the 2025 DIZ Annual Conference:** A fully functional Smart Hospital simulation will be presented at the 2025 DIZ Annual Conference. This will serve as a demonstration of the project's innovations and as a platform for attracting sponsorships and new partnerships.

## Conclusion

The **Smart Hospital Twinning Project** successfully transferred and adapted a digital health solution from Türkiye to Romania, despite challenges related to logistics and stakeholder alignment. The project has laid the groundwork for ongoing collaboration and further expansion of the Smart Hospital model across Europe. With its demonstrated success in Romania, the model is poised to influence the future of digital health both in Türkiye and beyond, promoting the development of smart hospital systems that can enhance healthcare delivery across diverse contexts.

## Resources and Links

- Website: [www.smarthospital.health](http://www.smarthospital.health)
- DIZ Smart Hospital Section: [Digital Innovation Zone Smart Hospital Section](#)
- Webinar Recording: [ÎmblânzimTehnologia - Digitalization in Medical and Dental Clinics](#)
- Future Webinar Recordings & Slides: (Coming Soon on the Website)
- Interoperability Report:

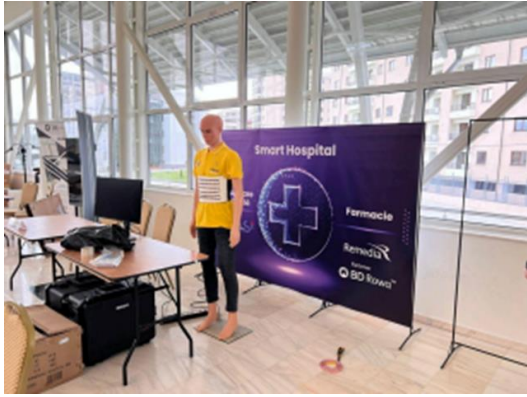


## Picture Repository

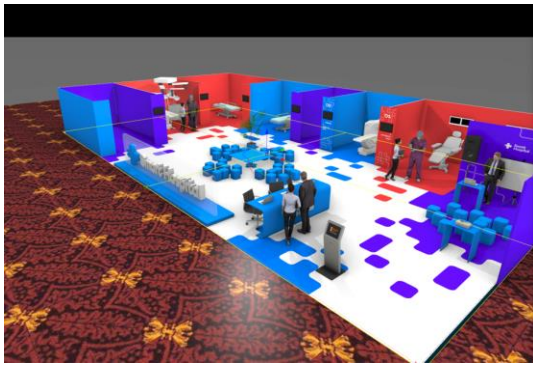
Picture from Smart Hospital in DIZ Annual Conference 2024:



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Smart Hospital Simulation Area Render I:



Smart Hospital Area Render II:

