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RM 4 HEALTH

Remote Monitoring in Health and sports

Deliverable 6.2

Public project web site

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1. Introduction

This deliverable (D6.2) contains information about the RM4Health project public webpages.
According to the contract, the public will be informed about the RM4Health project by an up-to-date website. It gives an overview about the project and exhibits a growing list of press material and publications accessible by public.
This website is located at www.rm4health.eu

For the RM4Health project-members, via login, also an internal shared drive has been created for project management and internal information sharing.

The website is also linked to analytics software, so we have insights in the number of visitors, views, country of origin, et cetera. The data is collected since the 1st of February 2023 and will be monitored monthly.

This deliverable gives an impression of the public website by showing screen dumps. Please visit the RM4Health website for a full overview.

2. Description

At the top of the homepage, we have a menu bar that allows the viewers to choose different topics, like a general overview of the project, an overview of the consortium members, work packages and demonstrators. Below a screenshots of the home page.

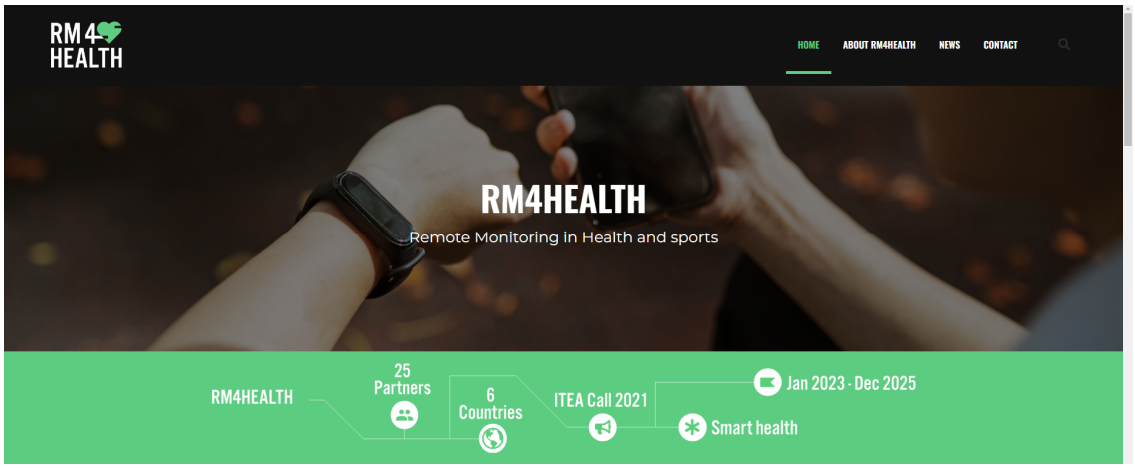

Figure 1: Homepage of the RM4Health project

2.1. Abstract

European project RM4Health

25 years ITEA 4 1998–2023

Remote monitoring in health and sport is of increasing importance, even more driven by the COVID-19 pandemic. With remote monitoring, patients are continually monitored outside the medical care centres, either before hospitalization (e.g., for chronically ill persons) or afterwards (e.g., patients discharged after a clinical intervention such as an operation or after admission for exacerbation of a chronic disease), or outside athletic training labs in the case of athletes. The advantages of remote monitoring are many when compared to acute care monitoring. Patient wellbeing and comfort are increased compared to hospital care, since people can stay in their preferred home environment and close to their relatives. Further any signs of clinical deterioration can be detected earlier, avoiding emergency admissions. For healthcare providers, better informed decisions for clinical examinations or interventions that include hospitalization can be taken based on near-continuous, longer-term information, increasing the healthcare provider's understanding of the patient, and the likely effectiveness of the clinical outcomes. In sports, athletes' condition and performance are assessed better compared to lab tests, as more regular evaluations can be done with less obtrusive tests. Monitoring patients and athletes in their normal life at home additionally adds insights in their physical functioning that a lab or

hospital environment cannot do. The use cases addressed in this project proposal are taking home monitoring of patients and athletes to the next level.

The aims of the project are:

- To make use of existing wearables and develop new wearable solutions for selected metrics (blood pressure, core body temperature) and use these as data sources for further innovations on data integration and algorithm development to turn these physiological measurements into clinical insights supporting the selected use cases.
- To advance the remote monitoring platforms to allow partners to use them as solution for continuous data collection of wearables and devices used by patients and athletes, for developing advanced algorithms and data models, and for connecting with Apps and dashboards for particular use cases, patient groups and athletes.
- To create digital twins for patients and athletes which can continuously track the status of their physiological performance.
- To use the data-driven insights to develop care and training programs, with, e.g., dashboards, alerts and recommendations to participating patients and their health providers, or athletes and their coaches.

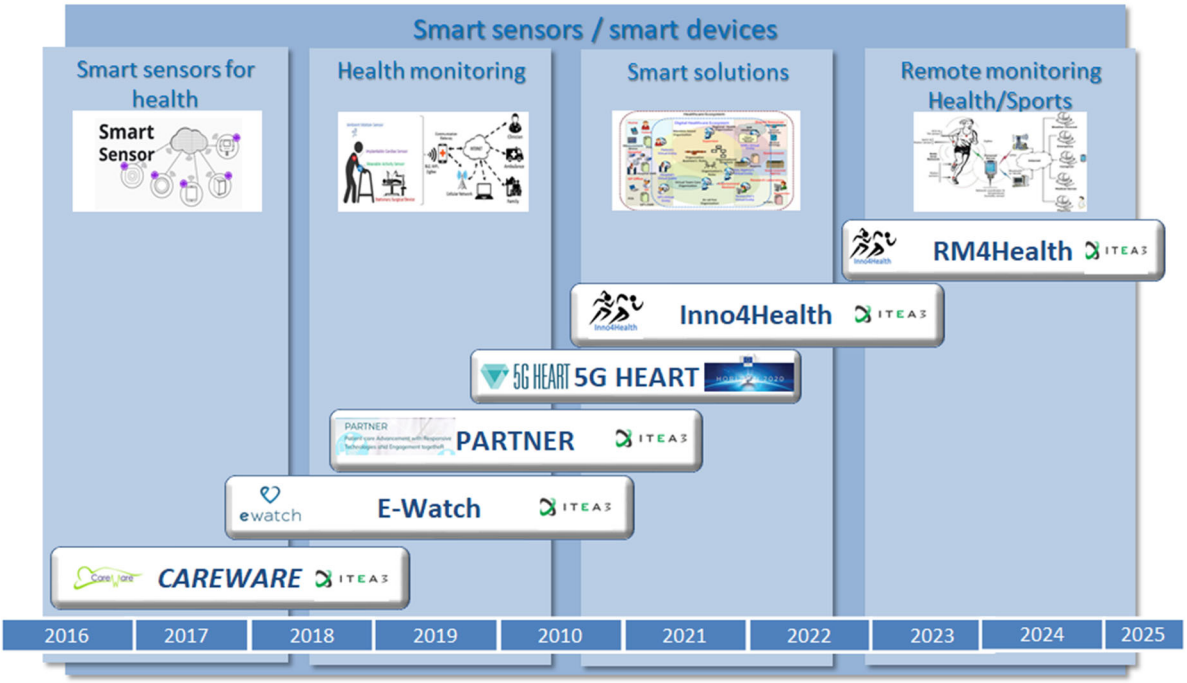

Figure 1 – Evolution of ITEA projects relevant to remote monitoring

As shown in Figure 1, RM4Health builds further on the success and results of Inno4Health. Where ITEA projects CAREWARE, E-Watch, PARTNER and 5G-HEART focussed on hardware (sensorics) for health monitoring, and where Inno4Health continued in the digital domain on smart solutions and algorithms, RM4Health progresses these results by expanding the value chain towards a full ecosystem to enable solutions for remote monitoring in health and sports. RM4Health extends beyond Inno4Health by advancing monitoring to management of patients and athletes via dedicated care and sports programs derived from population data yet tailored

and individualized via more precise AI-based digital twin models. Its consortium is built upon the long-time relationship of these existing partners with additional new partners with expertise in remote monitoring at home.

While business potential and impacts may vary by targeted use case, RM4Health differentiates by offering full ecosystem solutions, as we enable more strongly the data-driven solution-as-a-service and subscription models with recurring revenues versus the more traditional single-instance transactional business models.

RM4Health comprises industrial leaders in healthcare and sports and several SMEs, academic, clinical and sports partners. The added value of this consortium is that it covers a broad spectrum in the technical and market value chain, with direct access to patients and athletes.

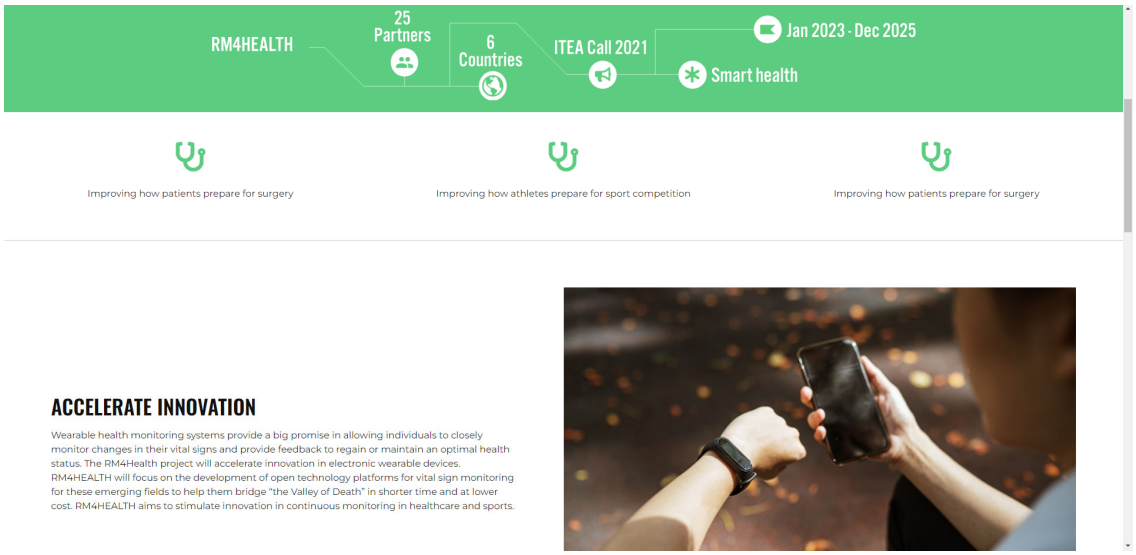

Figure 2: Abstract of the RM4Health project

3. Screenshots

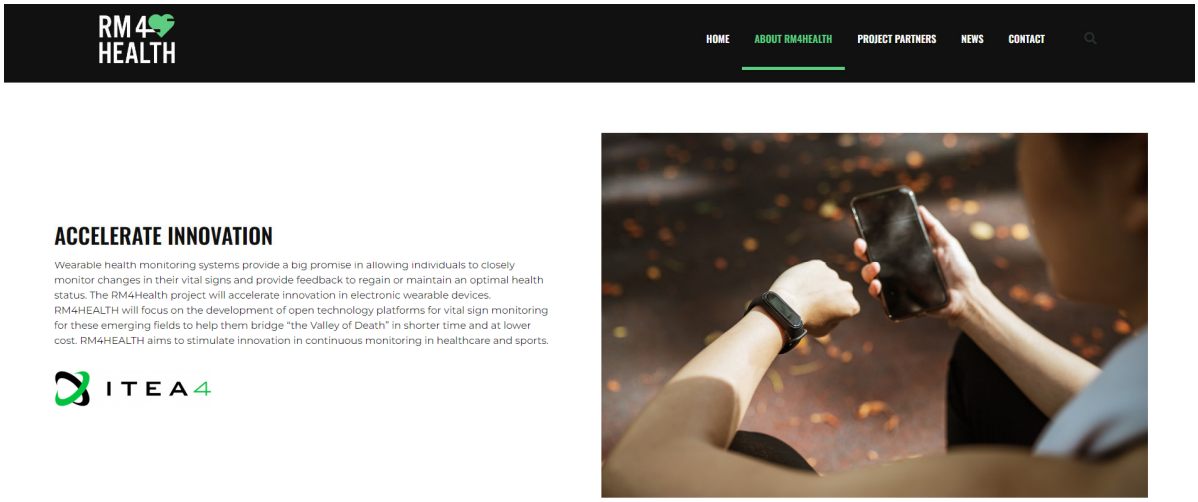

Figure 2: Abstract

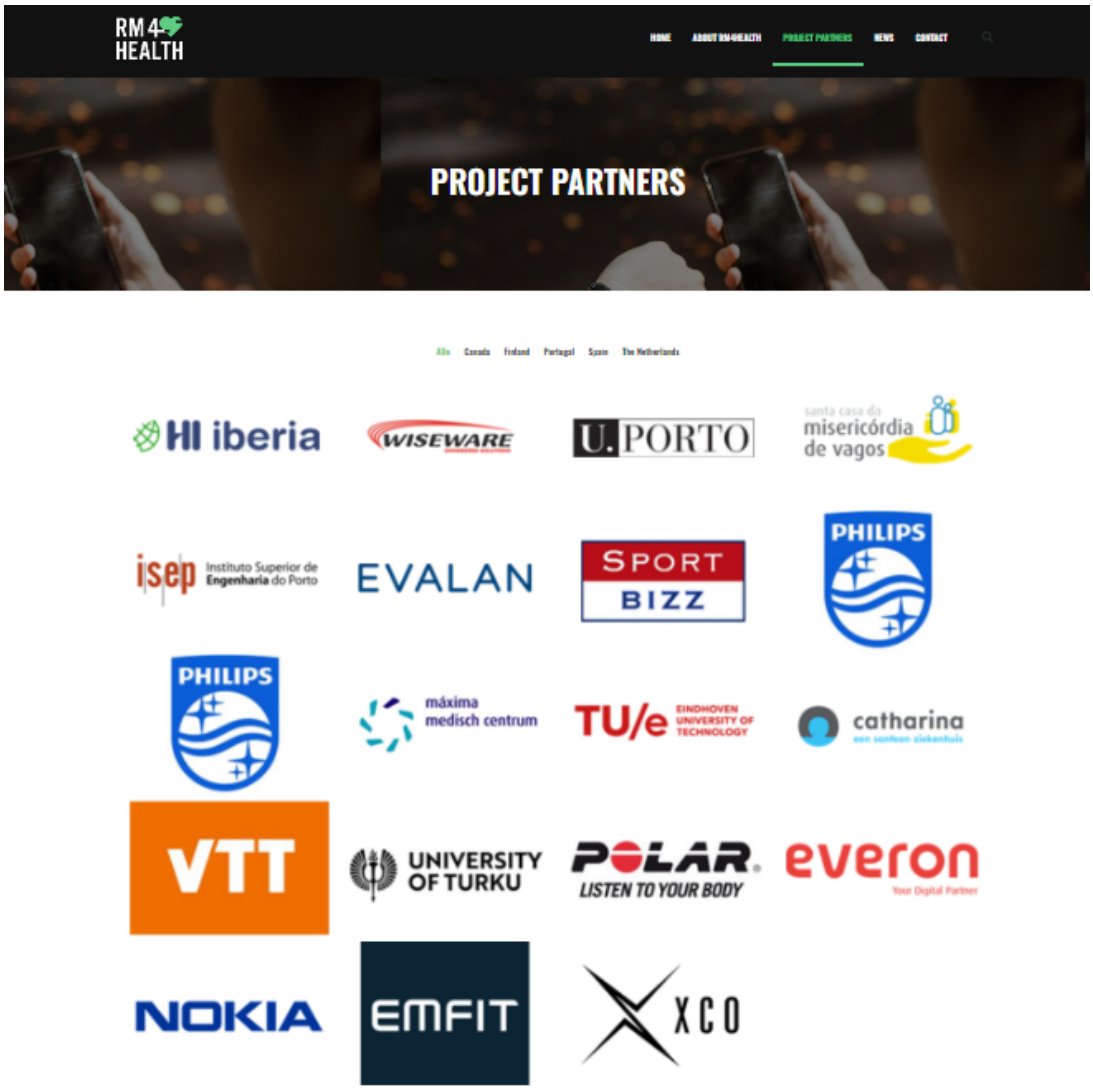

Figure 3: Consortium members

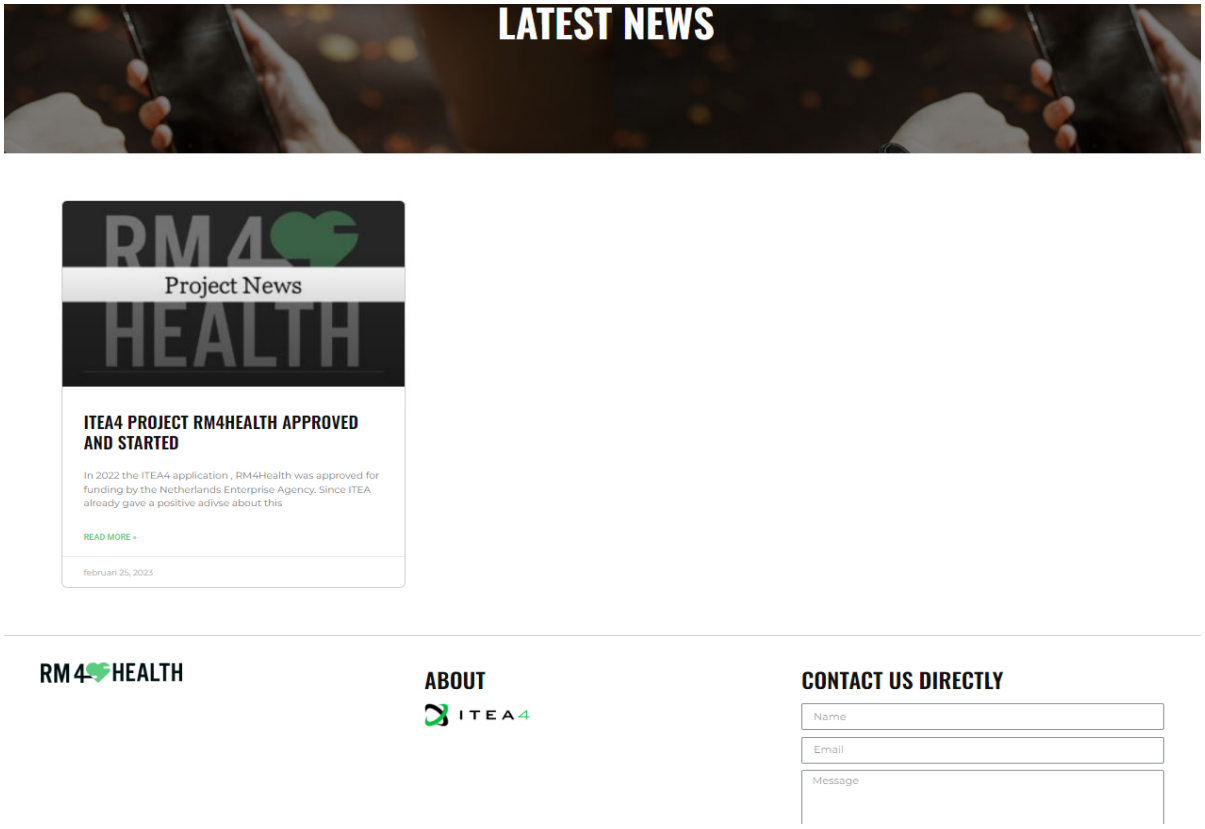

Figure 4: News section and overview of public scientific papers, presentations etc., as outcome of the dissemination activities

This section will be regularly updates when their become new material and/or new activities will be deployed.

3.1. Website analytics

During the GA and review meeting we will update the audience about the website analytics and visitors of the RM project.

As an example below a screenshot of our previous project Inno4Health

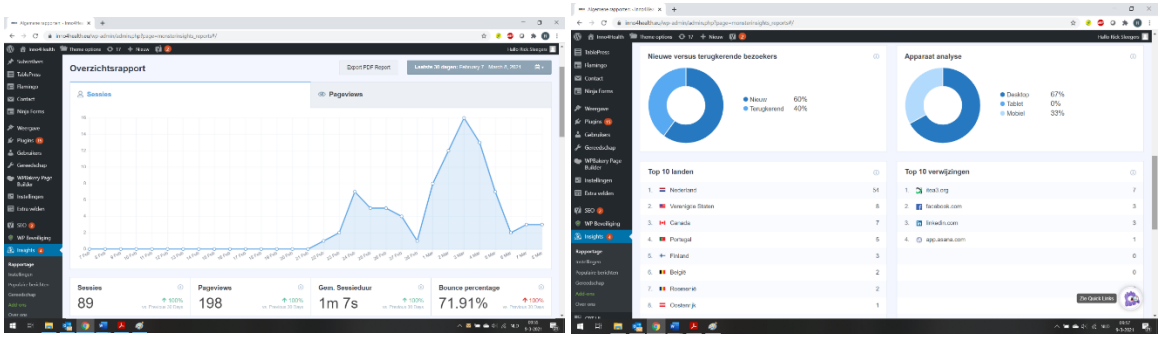

Figure 6: Website analytics

Screenshot of the website analytics, like visitors, views, country of origin, et cetera. The data is collected since the start of the project and will be monitored monthly.

4. Conclusions

This deliverable describes the RM4Health public website
www.rm4health.eu

The website will be kept up-to-date by adding new material and papers produced throughout the duration of the project.