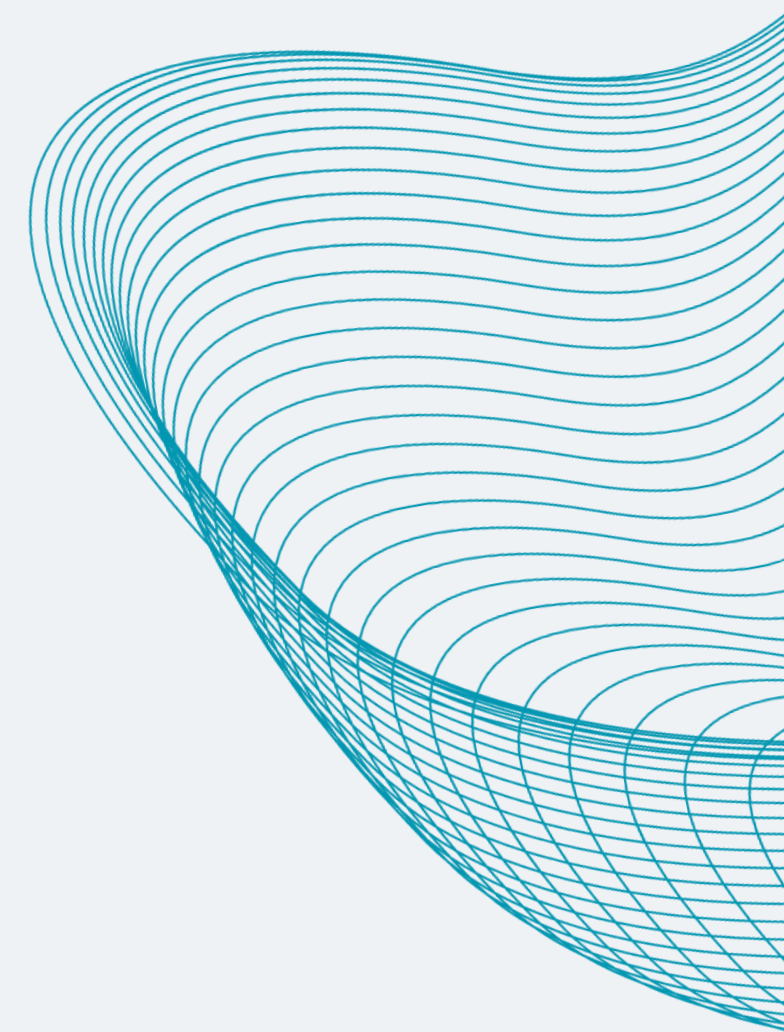


AMBITIOUS Project The AGORA Pillar and Use Cases

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AGORA is one of the two pillars of the AMBITIOUS project. Currently, AGORA involves six partners from Italy, specifically:

- From **Emilia-Romagna**: Clust-ER Health, Clust-ER Innovate, DataRiver, and RE:LAB
- From **Lombardy**: Cluster Smart Cities and Communities Lombardy and Italtel

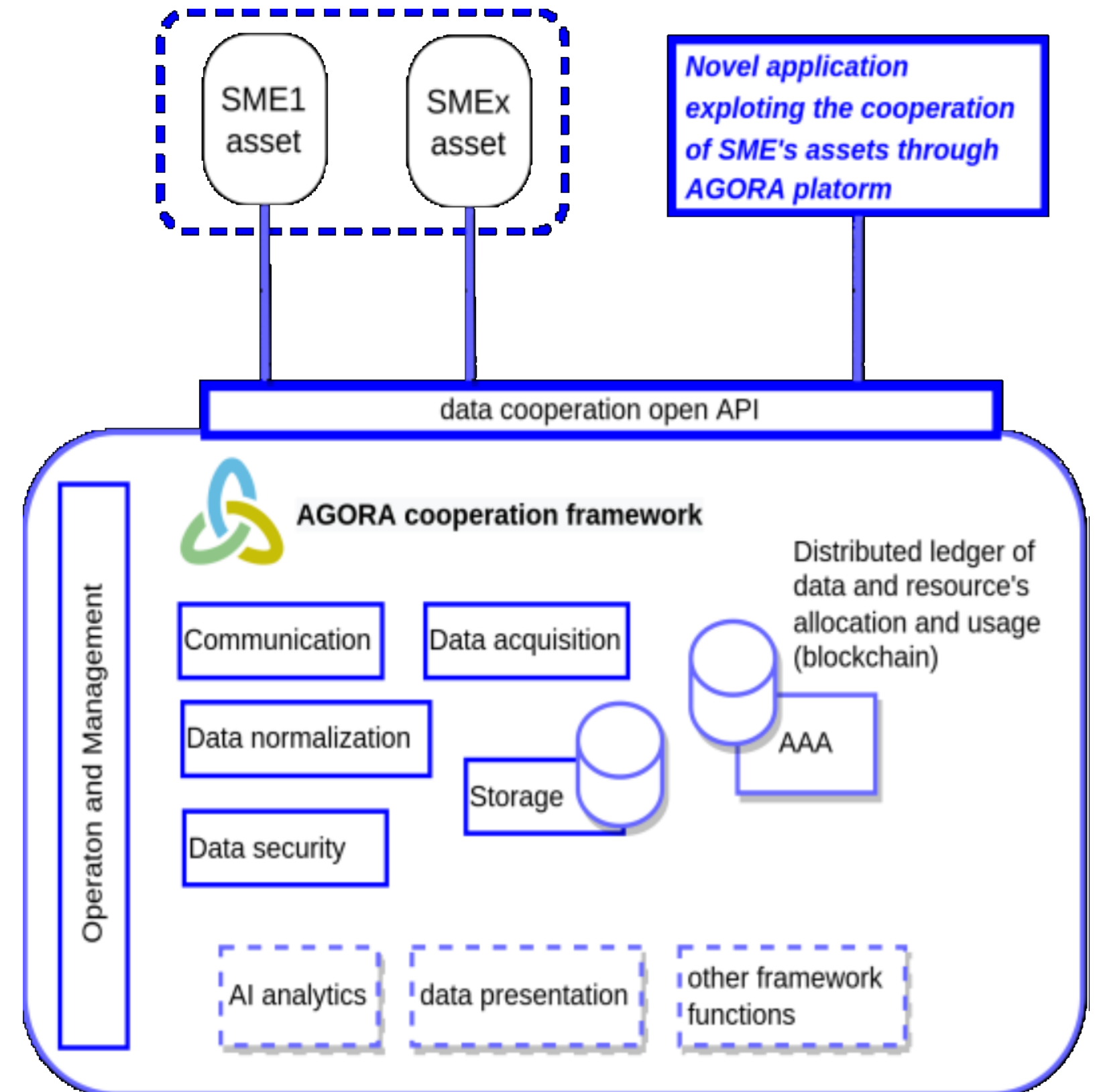


The AGORA pillar is based on a platform that aims to provide a **comfortable and trusted environment** where applications, developed by different SMEs, can share data securely to generate more value also by implementing data economy management.

Within this pillar, the partners are working on two use cases:

- Telemedicine Platform for Continuous Remote Monitoring and Patient Support
- Pediatric Cardiac Arrest Support Management

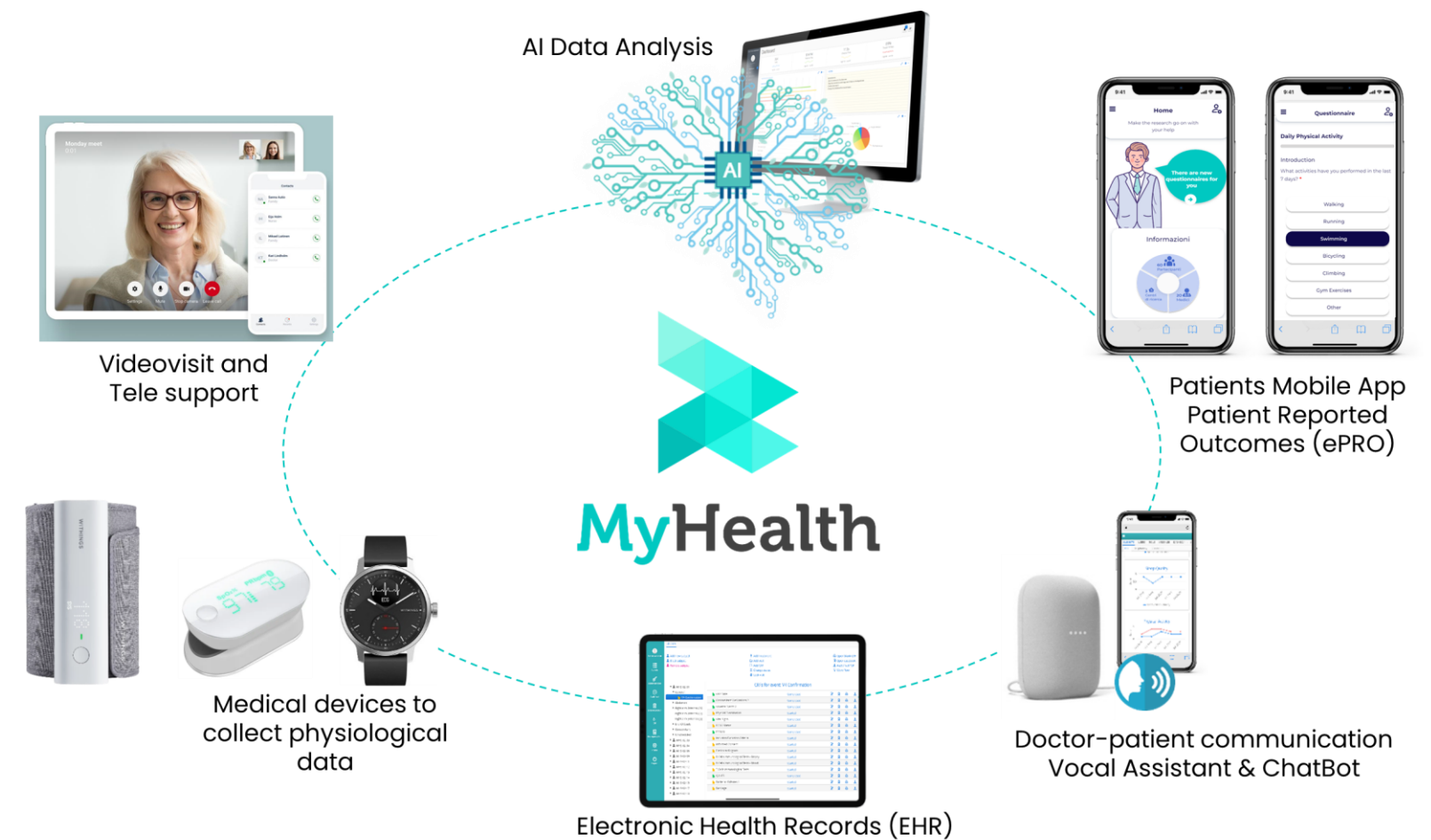
While it will initially be used for health and wellbeing application, the basic concept is of general applicability, so it can be used in several other domains.



Telemedicine Platform for Continuous Remote Monitoring and Patient Support

This platform assists home care patients by providing **remote, continuous monitoring** of their health parameters and **tele-support**, thereby improving follow-up and long-term care:

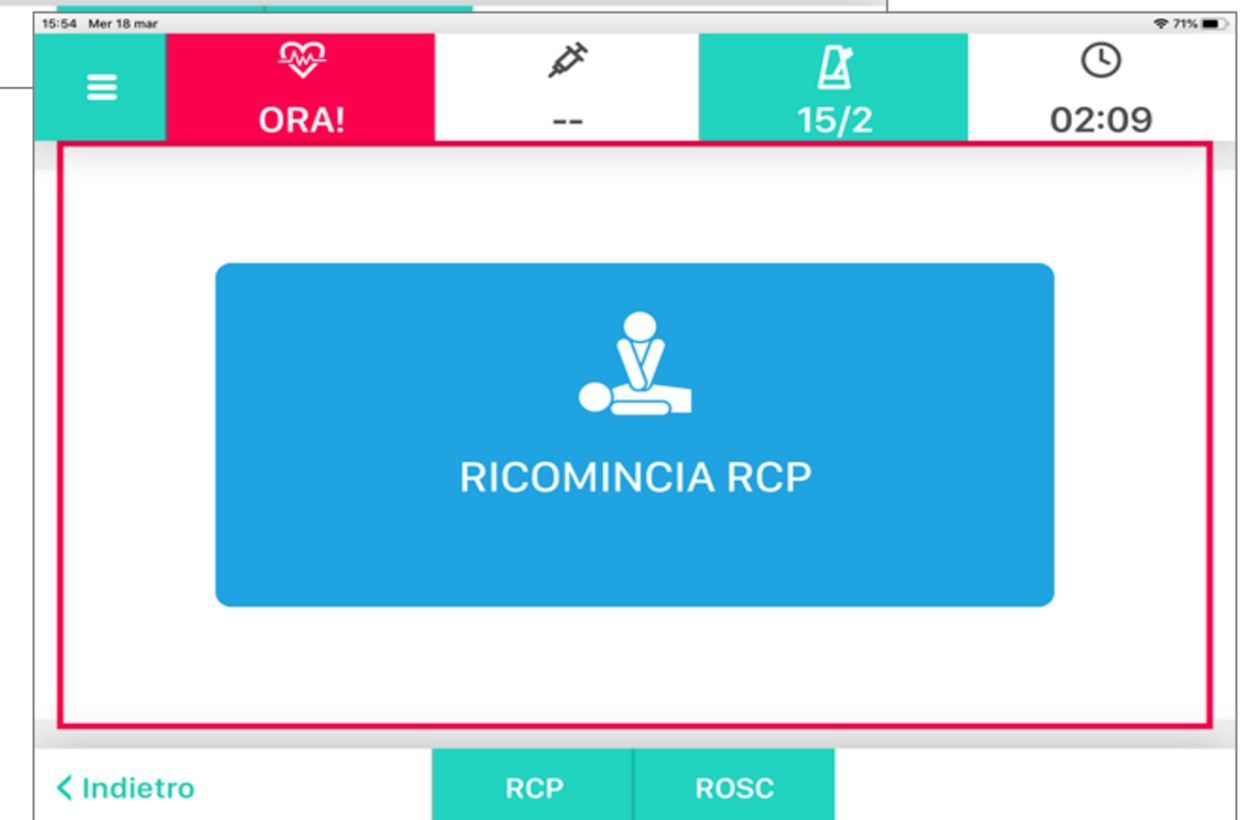
- **Telemonitoring system:** patient remote monitoring using wearables devices to collect patient physiological parameters and a mobile App for ePRO questionnaires
- **AI data analysis** for multidimensional monitoring to engage and support patients at home at the right time
- **Vocal assistant tool** for patient support and engagement
- **Televisit system** for medical staff-patient video visits
- **Web and mobile App** for doctor-patient communication



Pediatric Cardiac Arrest Support Management (PediAppRREST)

Pediatric cardiac arrest (PCA) is a rare and highly stressful clinical event with high mortality rates. Deviations from internationally recommended management guidelines are common and are associated with worse outcomes.

The goal of the PediAppRREST project is to develop a new **audiovisual interactive app** for tablets to support the management of pediatric cardiac arrest. The app is designed to **guide and train** the team leader **in performing resuscitation interventions** according to the sequence, timing, and methods outlined in the American Heart Association (AHA) PALS 2020 guidelines (Cheng et al., 2020).



The AGORA team aims to **engage other SMEs** that require a safe and standardized environment to develop their own telemedicine applications or applications in other sectors.

SMEs participating in AGORA can **securely share their data**, enhancing its value by **integrating it with data from other applications** or from the AGORA platform itself. Additionally, these SMEs can **access functionalities** provided by the platform, avoiding the need to develop them individually for each application.

At the same time, we are **seeking partnerships** with clinics, hospitals, nursing homes, and other health and care facilities interested in adopting the apps developed in the two use cases.

Thank you for your attention



Let's keep in touch!



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