



Investing in Health Systems of the Future

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Unlocking the value of health information for better research and improved health

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Imagine a world where...

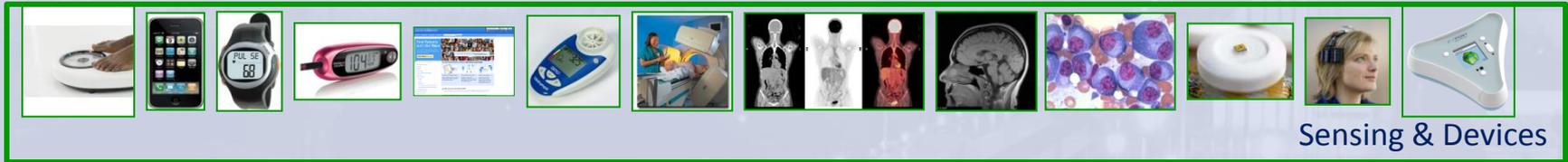
- New treatments are effective in 95% of patients...
- You can reduce treatment failure by 60% with timely prediction and intervention...
- Where we can continuously monitor the risk/benefit profile of new therapies using naturalistic data...
- Researchers can pool available patient-level data to gain new insights around disease etiologies and define new treatment targets...
- We can optimize Clinical R&D by 50% using existing patient level data...
- All patients and health care providers have access to up-to-date information on existing and new treatments...

Happening now...

- Increased openness between healthcare stakeholders
- Willingness for precompetitive collaboration
- Evolving from closed & antagonistic, to synergistic for joint benefit
- Willingness to connect data to gain new knowledge & insights
- New cross-discipline collaborative initiatives in healthcare informatics



What will the future HealthCare environment look like?



How will we get there?

- Evolution not revolution
- Patient should be front and center of solution
- Multi-stakeholder involvement/commitment
- Public-private collaborations
- Need for open-minded innovative approaches, look for long term benefits & potential



The EHR4CR project will move beyond the current state-of-the-art by means of combining previously isolated informatics progress with an entirely new approach to develop a platform and business model for re-using EHR data for supporting medical research.

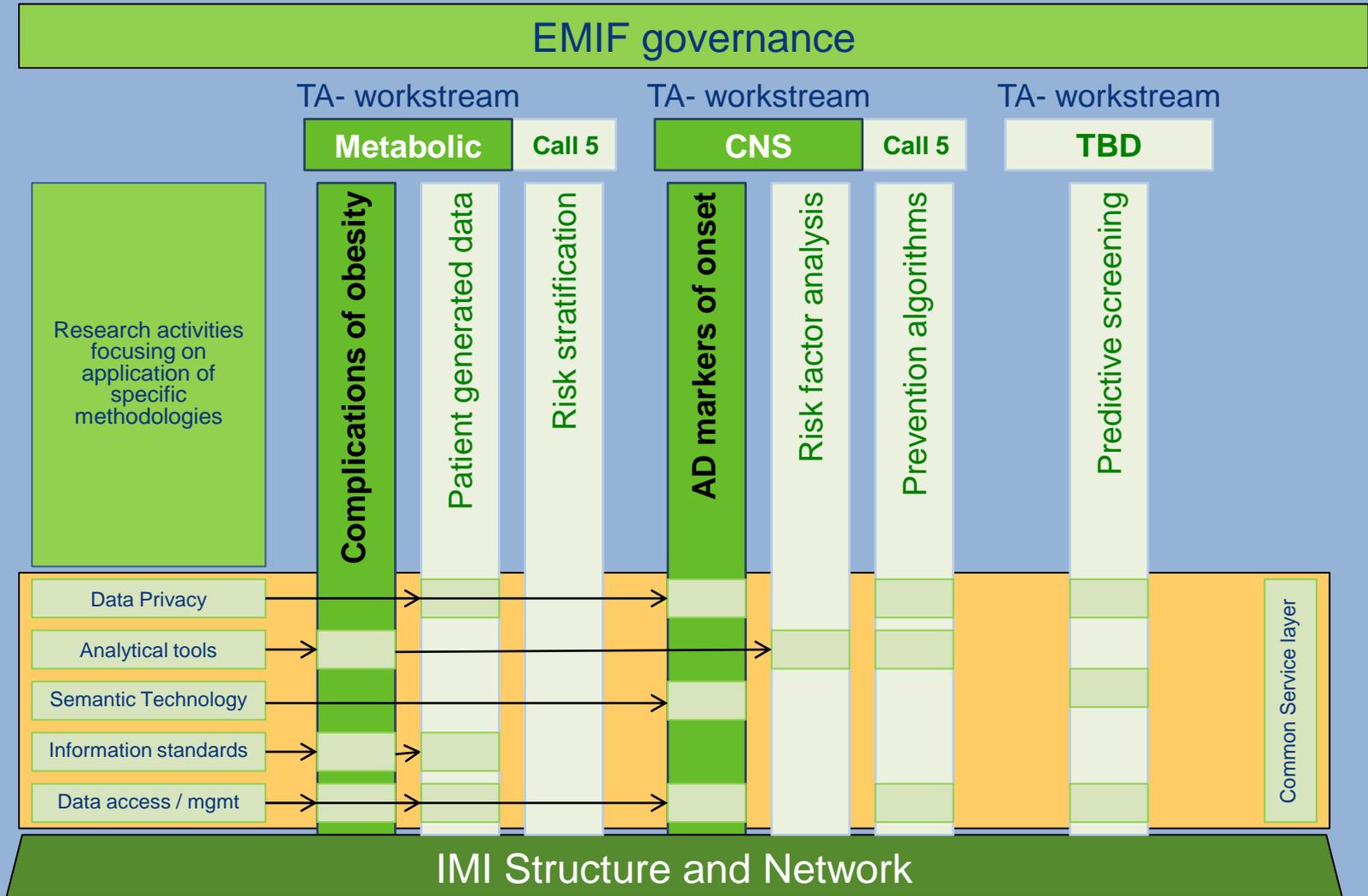
The outputs of the project are:

- **Specification of the Requirements and a Business Model**
- **Technical Platform** (a set of tools and services)
- **Different Pilots for validating the solutions:**
 - for different scenarios (e.g. patient recruitment);
 - across different therapeutic areas (e.g. oncology);
 - across several countries (under different legal frameworks).



The Framework Proposal

offering a platform for modular extension



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