

# The International Consortium for Personalised Medicine

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# Personalised Medicine – A definition

*Characterisation of individuals' phenotypes and genotypes (e.g. **molecular profiling, medical imaging, lifestyle data**) for tailoring the right **therapeutic** strategy for the right person at the right time, and/or to determine the **predisposition** to disease and/or to deliver timely and targeted **prevention**".*

According to: Horizon 2020 and the European Council Conclusions on personalised medicine for patients (2015/C 421/03)

Other terms, which describe similar approaches are:

- Stratified medicine
- Precision medicine
- Individualised medicine or
- P4 medicine (Predictive, Preventive, Personalized and Participatory)

## Key activities & milestones leading to ICPerMed

- 2010** Series of **workshops** organised by European Commission (EC) focussing on 'omics' related research
- 2011** **Conferences** on European Perspectives in Personalised Medicine organised by EC
- 2011** Establishment of **EuroBioforum** a platform for funders and performers in personalised medicine funded through FP7
- 2013** Establishment of **PerMed** (Coordination and Support Action - **CSA** funded through FP7)
- 2015** Strategic Research and Innovation Agenda (**SRIA**) published by the CSA PerMed
- 2016** Personalised Medicine **Conference** organised jointly by EC and representatives of member states in Brussels (June)
- 2016** The ICPerMed **Secretariat** started its work and is funded by the EC until 2020 as a CSA

## ICPerMed Vision Statement:

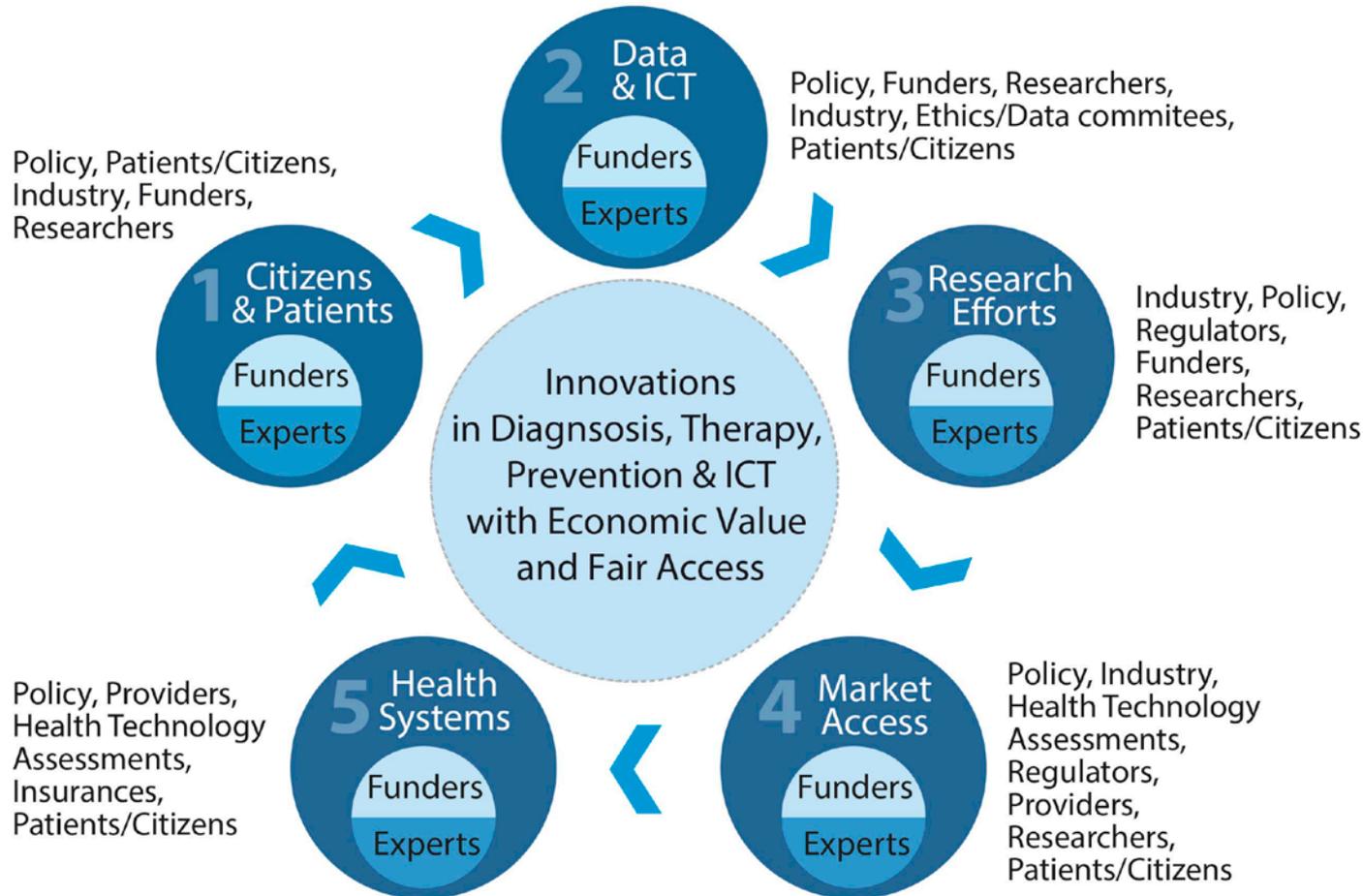
- Establish **ICPerMed members as global leaders** in personalised medicine research.
- Support the **personalised medicine science base** through a coordinated approach to **research**.
- Support research to investigate **the benefits** of personalised medicine to **citizens** and **healthcare systems**.
- Pave the way for personalised medicine approaches for **citizens**.

# ICPerMed – An International Consortium

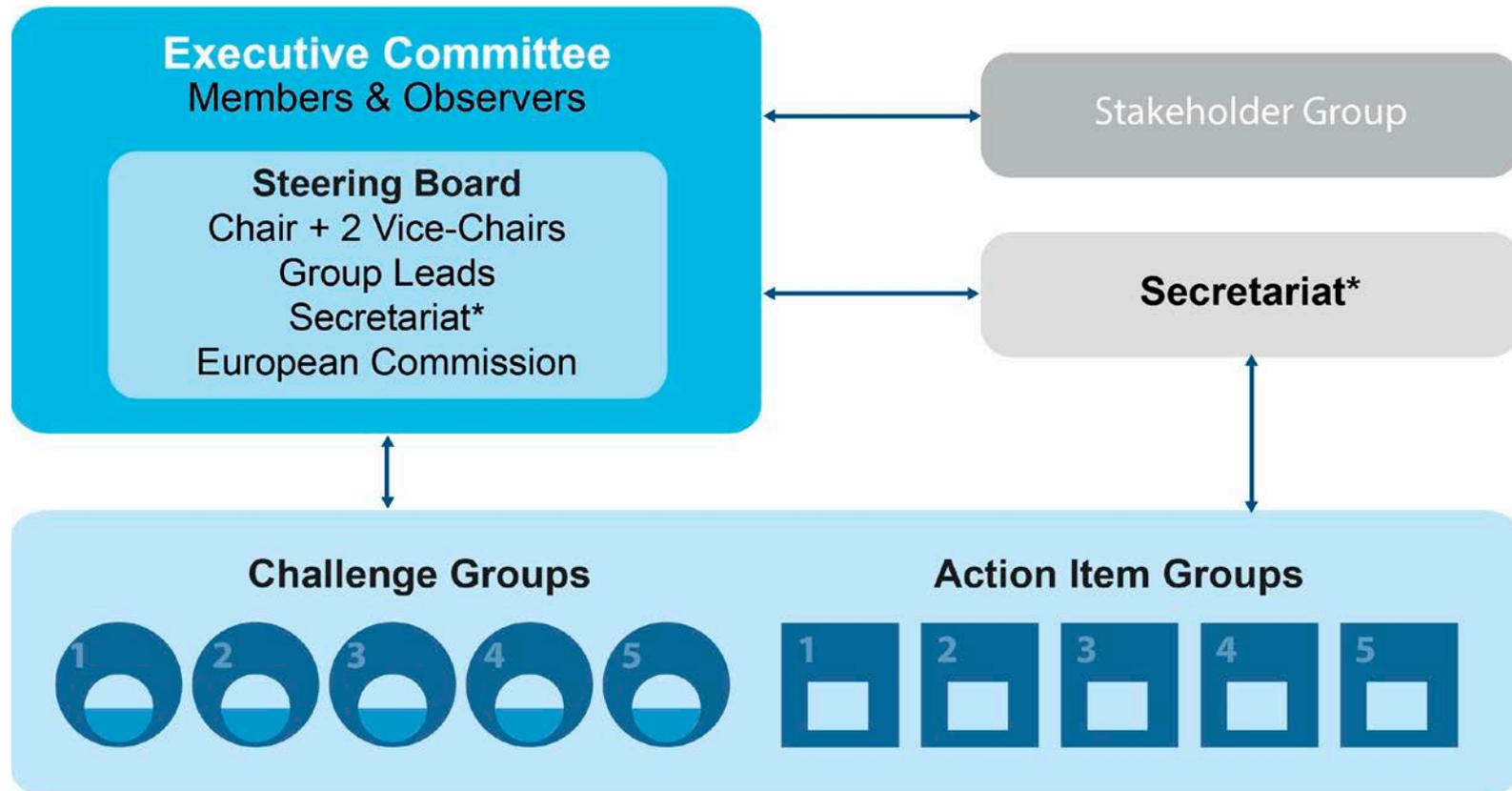
- Today the consortium has more than 40 European and international funding bodies as members
- They represent ministries (research and/or health), different funding agencies as well as the European Commission (EC) as observer
- ICPerMed is a member states driven international consortium with the backing of the EC, e.g. via funding of a secretariat, but also by numerous other research as well as coordination and support activities (over €2 billion through FP7 and H2020)

The aim of ICPerMed is to coordinate and foster **research** to develop and evaluate personalised medicine approaches and support their **implementation** into the national health systems.

# ICPerMed Challenge Groups: The whole healthcare chain and beyond



# ICPerMed Governance



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## Development of the ICPerMed Action Plan



- Actionable research and support activities for personalised approaches
- Input for the strategic discussion of European and national research funders

Released in March 2017

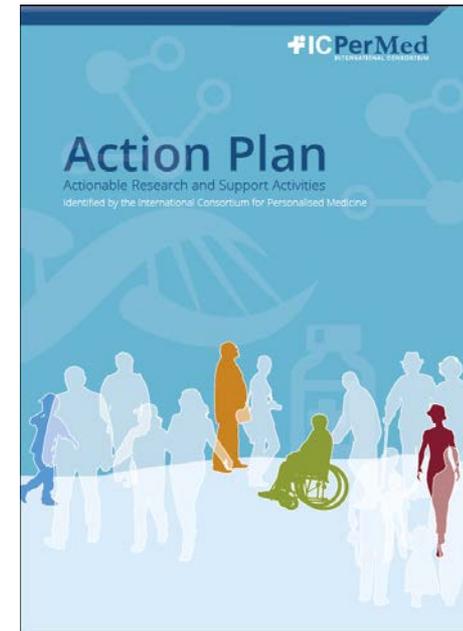
# ICPerMed Action Plan - Structure

## A) Research activities:

- Data
- Technologies, Methods and Processes
- People
- Cross-Cutting

## B) Support activities:

- Structures
- Methods and Processes
- People



## Action Item Groups (AiG)

5 AiG with similar number of action items per group:

- 1) Data and ICT – Enabling Technology
- 2) Data and ICT – Improving Health Care
- 3) Translational Research
- 4) Health Economics, Regulation, Market Access
- 5) People and Society

The overall aim of the AiG is to foster and report on implementation of ICPerMed Action Plan

- Collection of on ongoing activities
- Identification and presentation of best-practice examples as well as
- The Identification of possible common activities