ICPerMed
INTERNATIONAL CONSORTIUM

The personalised medicine journey
The International Consortium for Personalised Medicine

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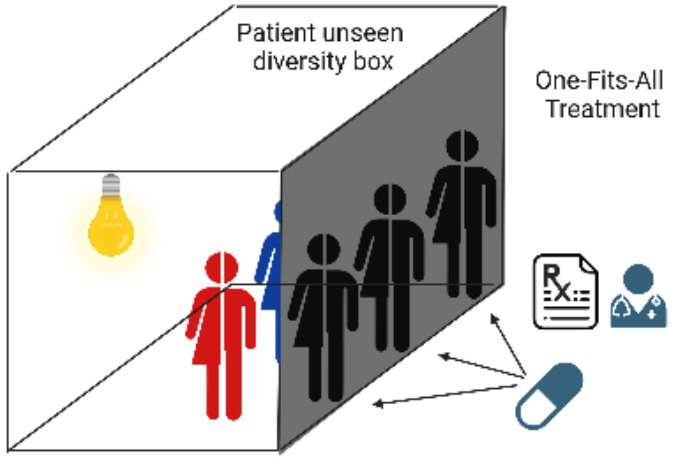
EU-Africa PerMed Engagement Meeting, 09/06/2025

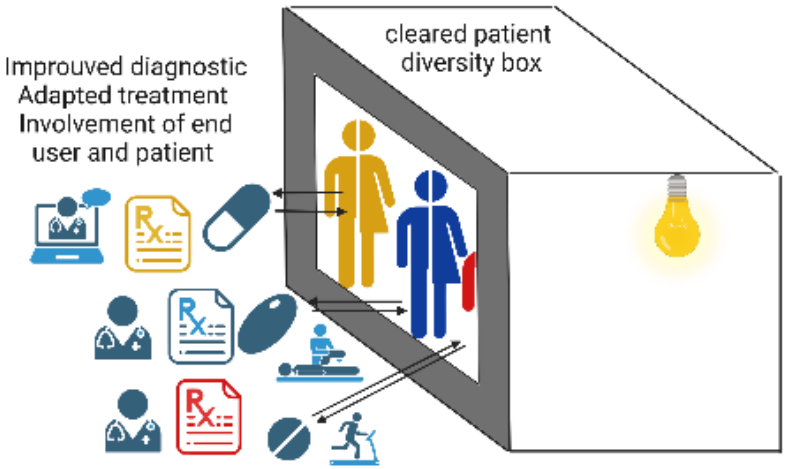
The future of medicine: Personalised Medicine (PM) – A definition

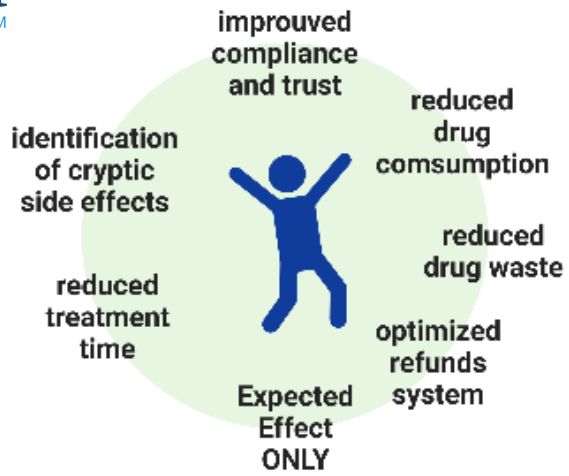
PM [ ] "refers to a medical model using
Characterisation of individuals' phenotypes and genotypes
(e.g. ***molecular profiling, medical imaging, lifestyle data****)*
for tailoring the right ***therapeutic*** *strategy for the right person at the right time,*
and/or to determine the ***predisposition***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

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

Personalised Medicine – a definition

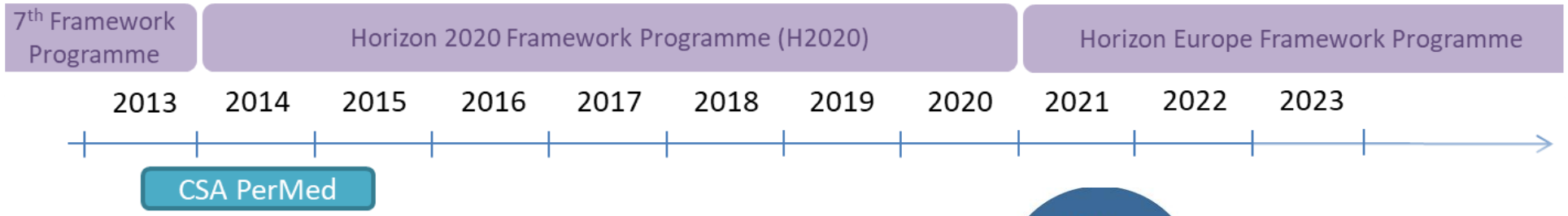


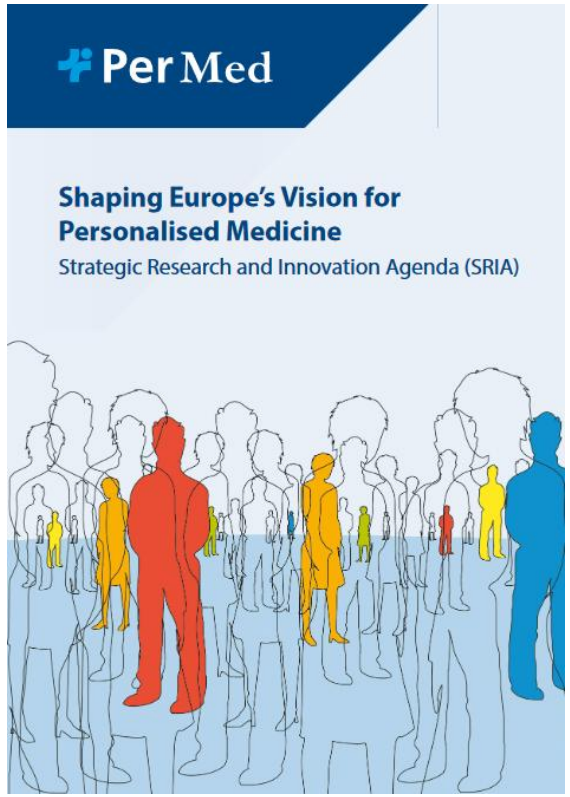


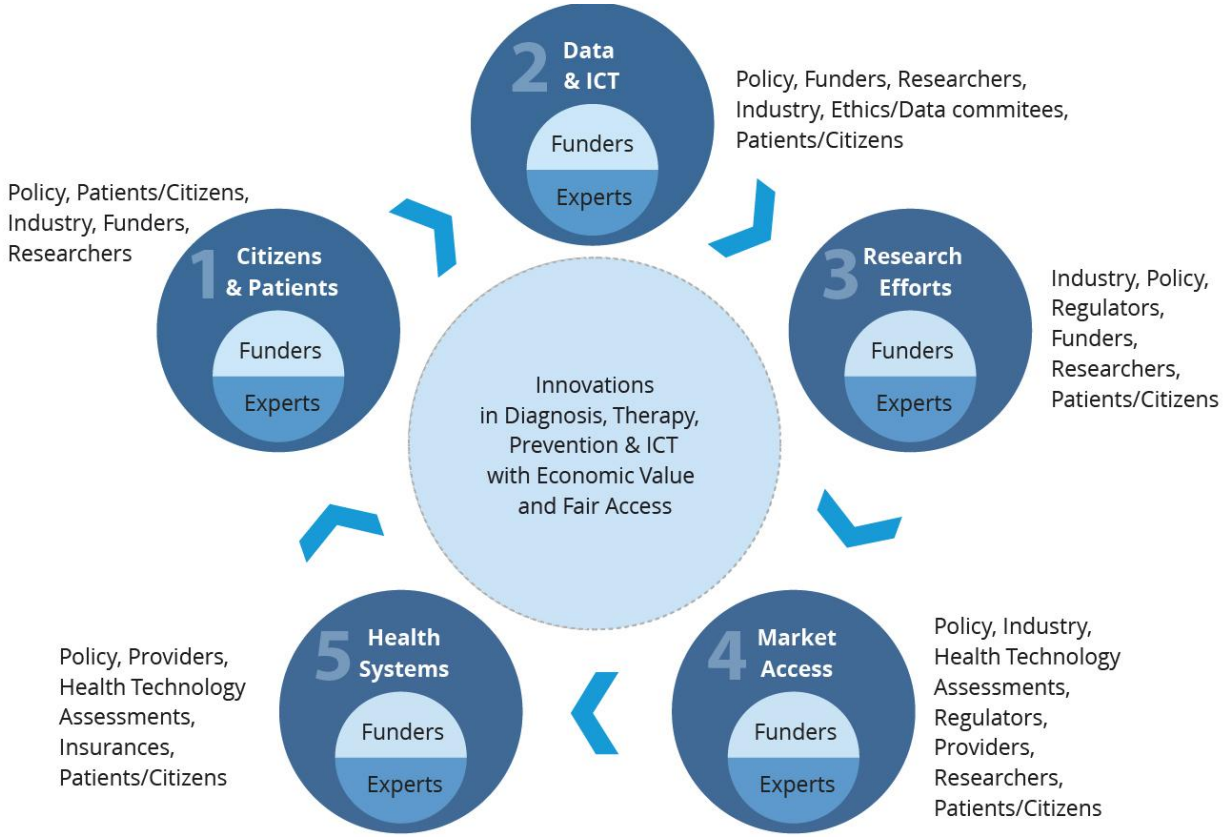


@Mathias Vetillard

The ICPerMed journey – an International Consortium

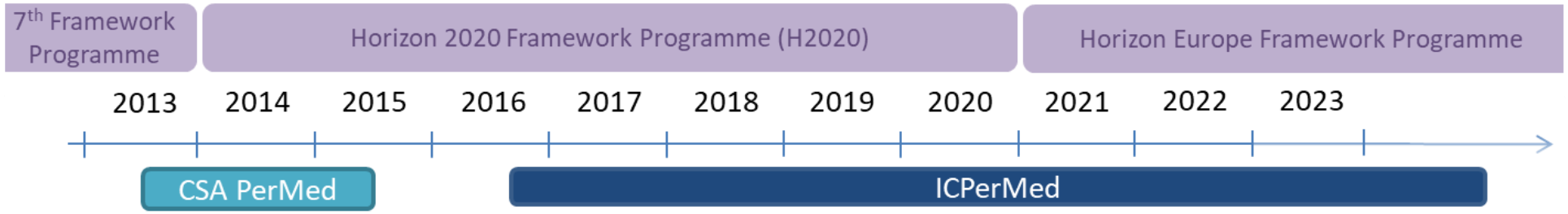


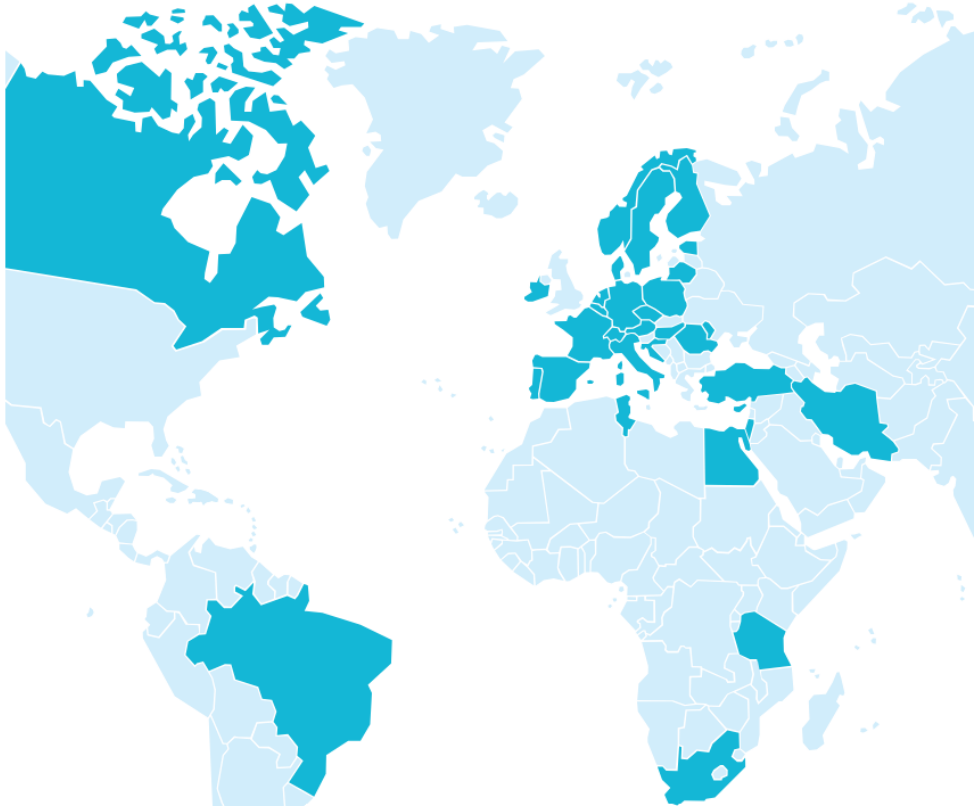




https://www.icpermed.eu/media/content/PerMed_SRIA.pdf

The ICPerMed journey – an International Consortium



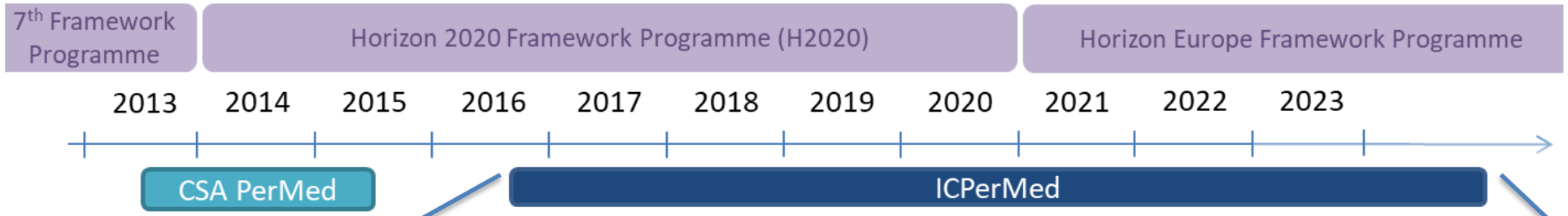


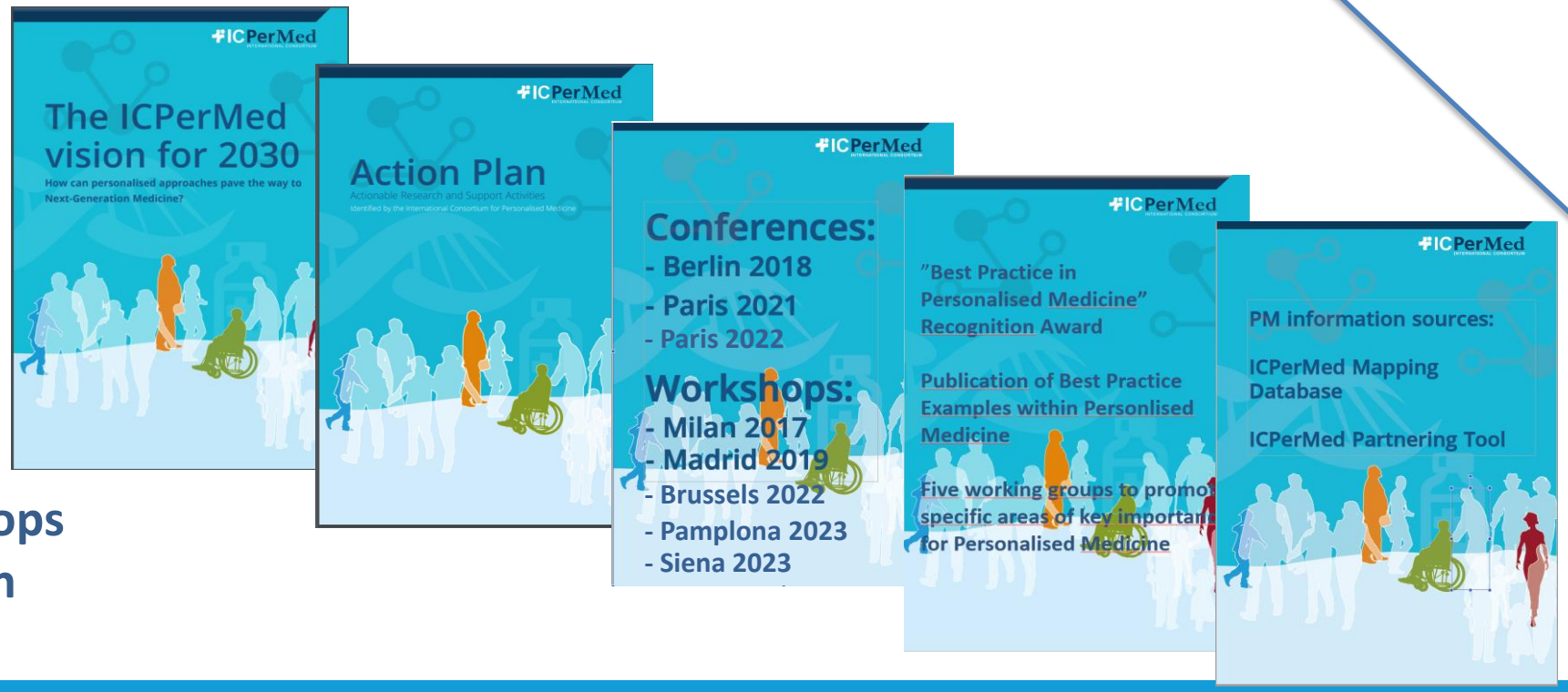
ICPerMed
INTERNATIONAL CONSORTIUM

- Around 50 European and international partners
- Members include public and private `not-for-profit` health research funding and policy organisations and the European Commission

Overall aim: To coordinate and promote **research** along the full value chain to develop and evaluate personalised medicine approaches

The ICPerMed activities and engagements

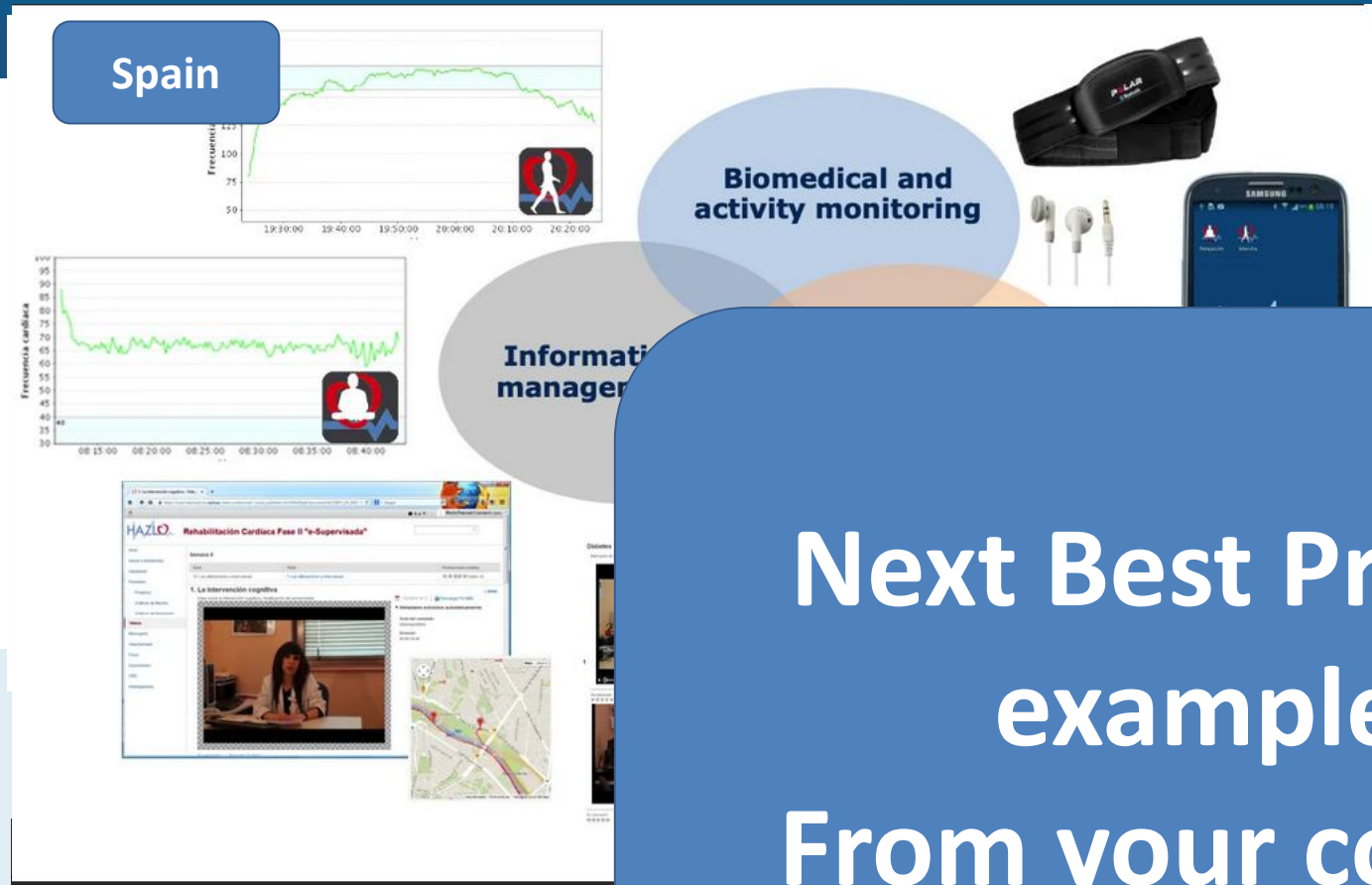




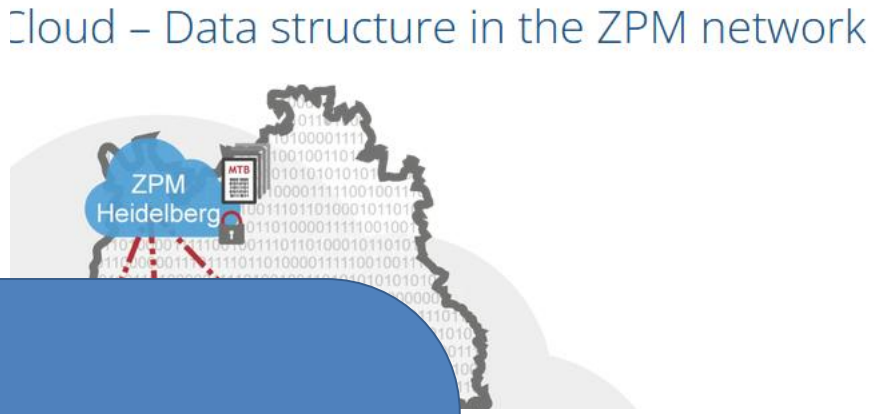
- Internal and external networking
- Strategic publications
- Communications
- Conferences and Workshops
- Database and information tools

Next Best Practice example?
From your country

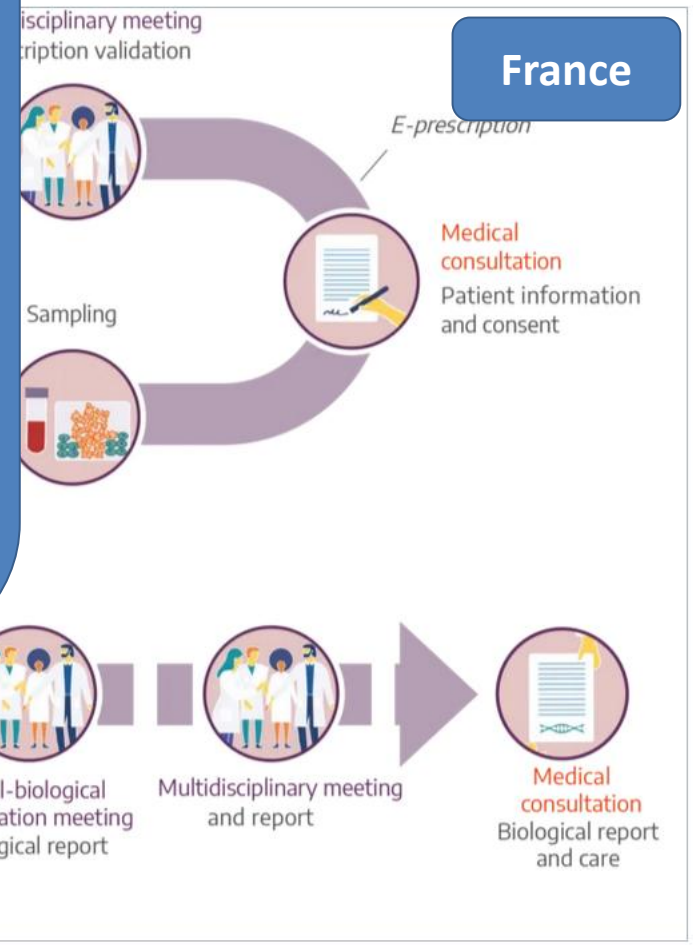
Spain



Germany

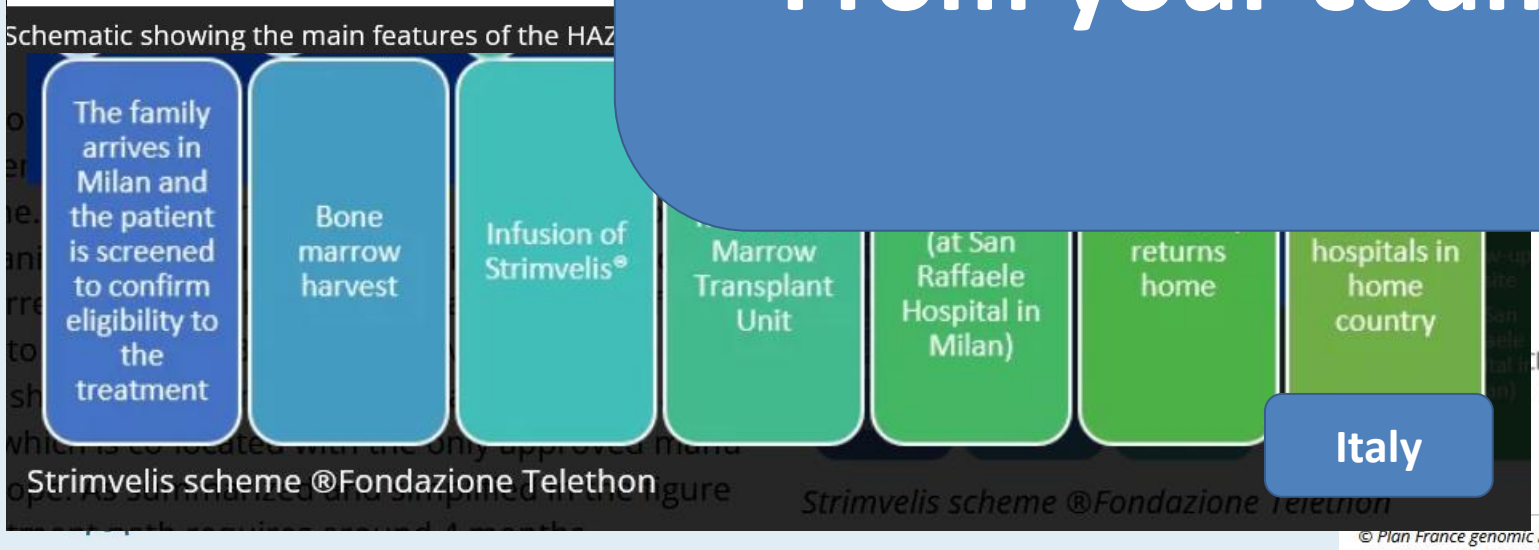


France

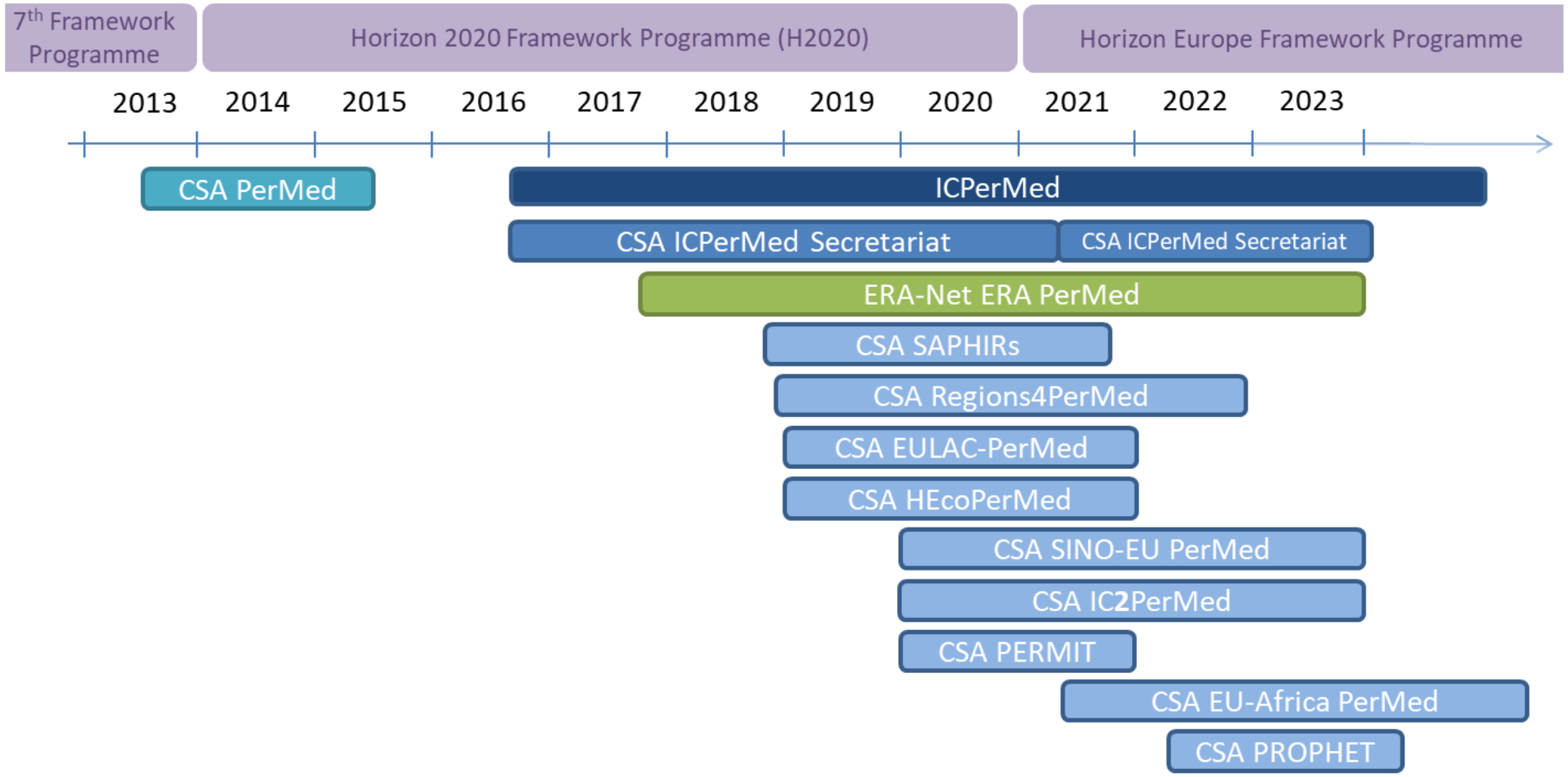


© Plan France genomic medicine 2025

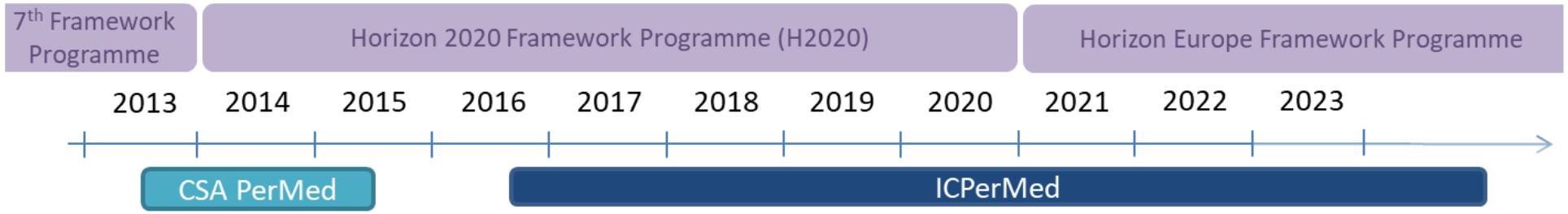
Italy



ICPerMed initiated activities

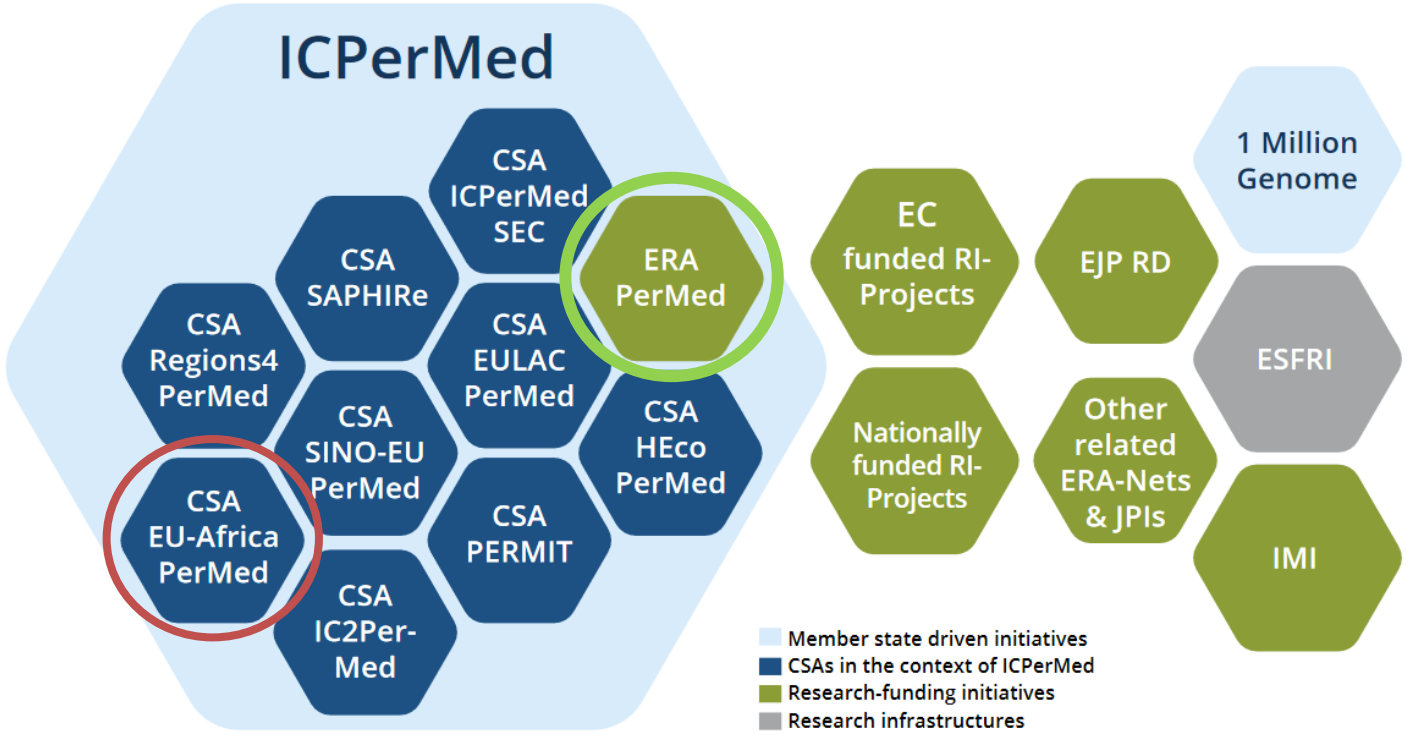


ICPerMed initiated activities



Since FP7 and during Horizon 2020, the EC provided a budget of more than 3 billion Euros into PM.

- Increased efforts in the PM field for PM research and implementation on regional and national level but also in collaborations across countries
- EC supporting joint efforts and activities related to PM to establishing Europe as a global leader in the field but also to foster cross boarder/international collaboration

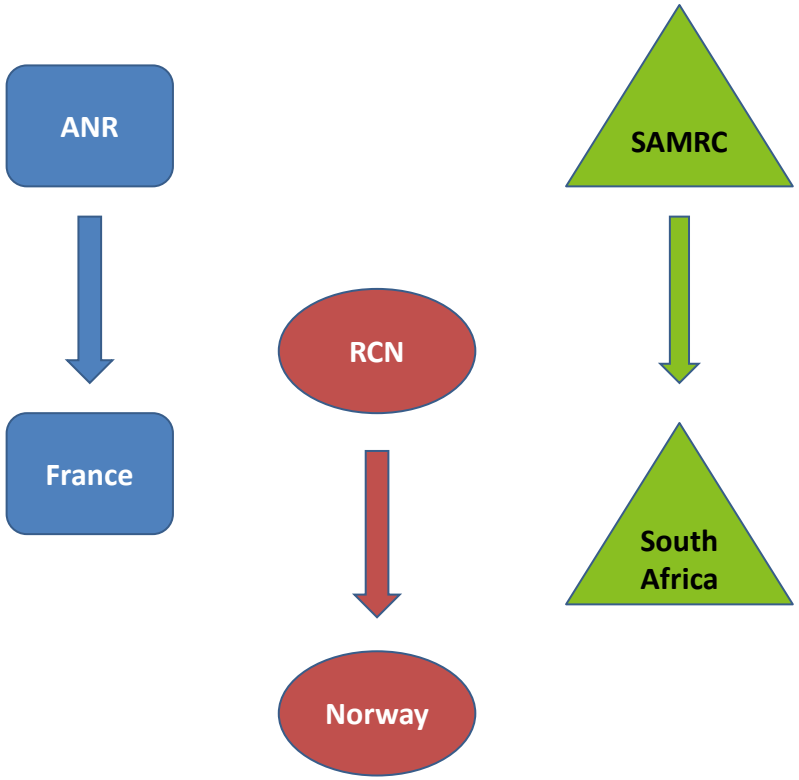


ERA PerMed - ERA NET on Personalised Medicine
An example for activities initiated by but not conducted via the ICPerMed

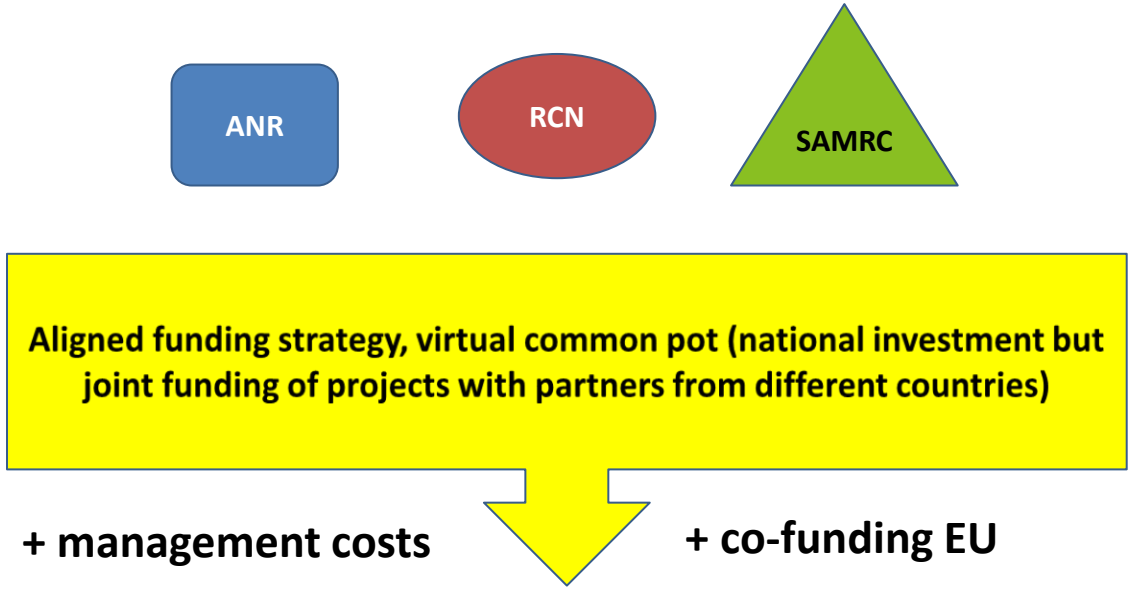
- ERA PerMed was an **ERA-Net Cofund** that coordinates regional and national funding efforts to support **PM multidisciplinary transnational projects.**
- Promote scientific excellence in **peer-reviewed transnational calls**.
- More than **130 M€ invested in PM research** via ERA PerMed calls.

- ✓ **Time frame**: 6 years (Dec 2017 – Nov 2023) - closed
- ✓ **Consortium**: 111 transnational and interdisciplinary consortia focusing on PM
- ✓ **Joint Transnational Calls** (2019-2023)
- ✓ **Projects funded with more than 130 M€**
- ✓ **More than 600 publications and 50% of projects still running**

Common strategy, joint funding: reduce efforts + increase impact

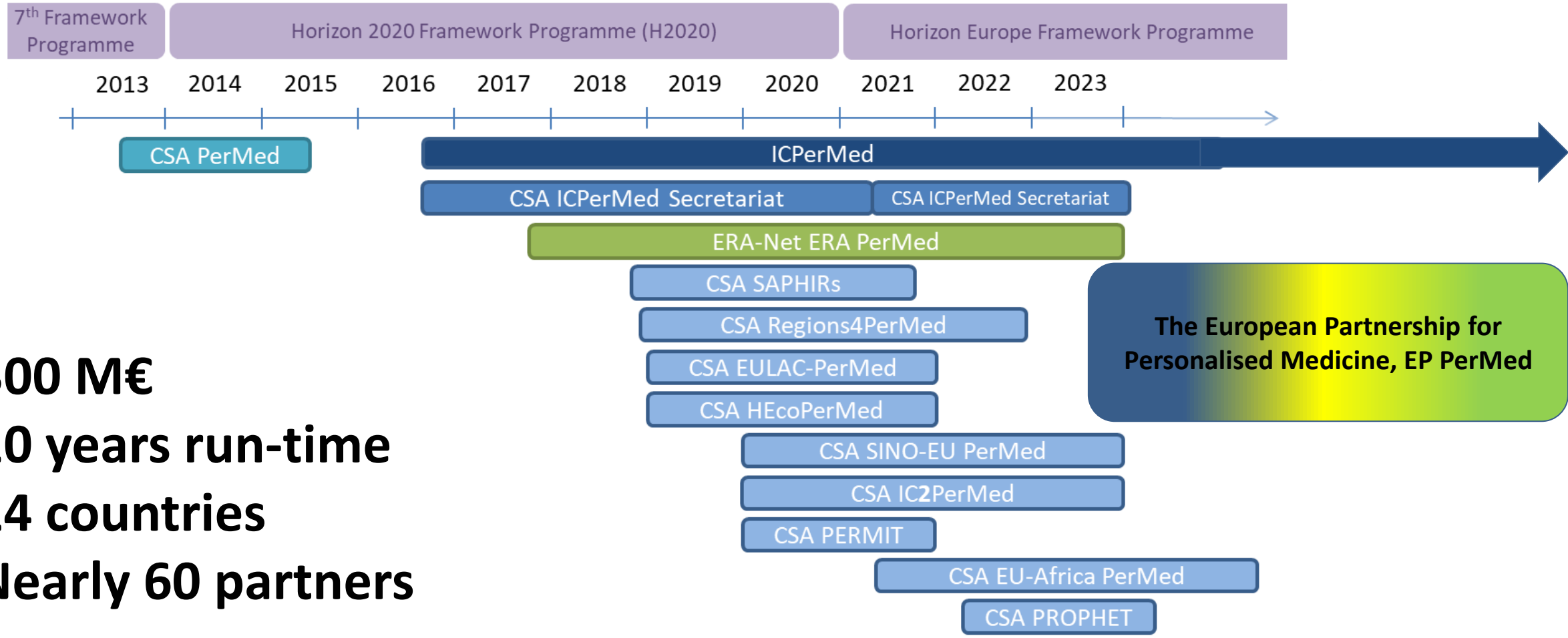


- Similar research funded in each country.
- Sufficient resources: datasets or expertise or budget?
- Each country needs to organise individual calls



- Avoid of duplication of efforts and investment
- Efficient use of (personnel) resources (funder and researchers)
- Together funding of bigger projects (small investments on national level)
- Access to min. data sets – specifically important in PM
- Aligned strategies for research and healthcare

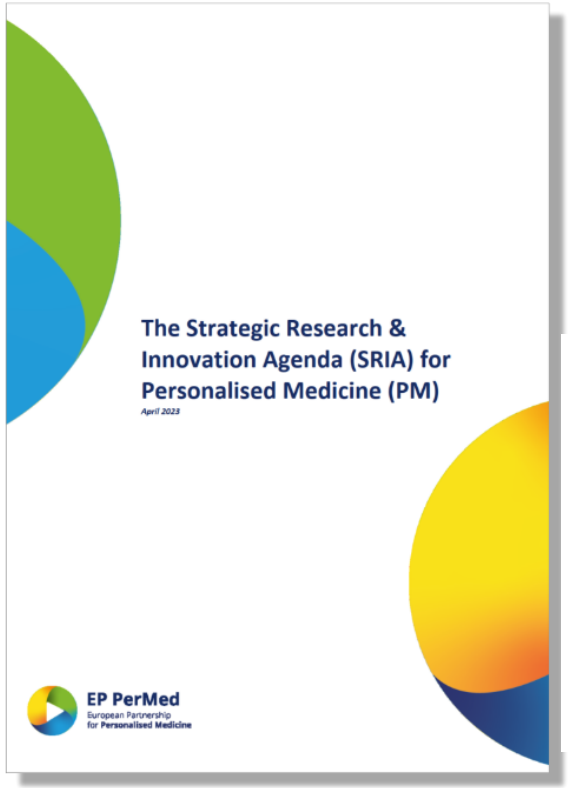
Spreading of the PM engagement



- **300 M€**
- **10 years run-time**
- **24 countries**
- **Nearly 60 partners**

Seeking the future - Strategic Research and Innovation Agenda

- In support for the European Partnership for Personalised Medicine
- Identification & elaboration of R&I priority areas incl. activities to foster the development and implementation for coordinated actions
- It is the general contextualisation of EP PerMed
- It supports a wide range of stakeholders & experts to further develop programs, activities, and research towards personalised medicine/ care and prevention.
- SRIA updates are foreseen



EP PerMed PM SRIA (April, 2023)

Have a look!

Participating countries (34)

Open for new members or observers.

- Austria
- Belgium
- Brazil
- Canada
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Egypt
- Estonia
- Finland
- France
- Germany
- Hungary
- Iran
- Ireland
- Israel
- Italy
- Lithuania
- Luxembourg
- Norway
- Poland
- Portugal
- Republic of Moldova
- Romania
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Tanzania
- The Netherlands
- Tunisia
- Turkey

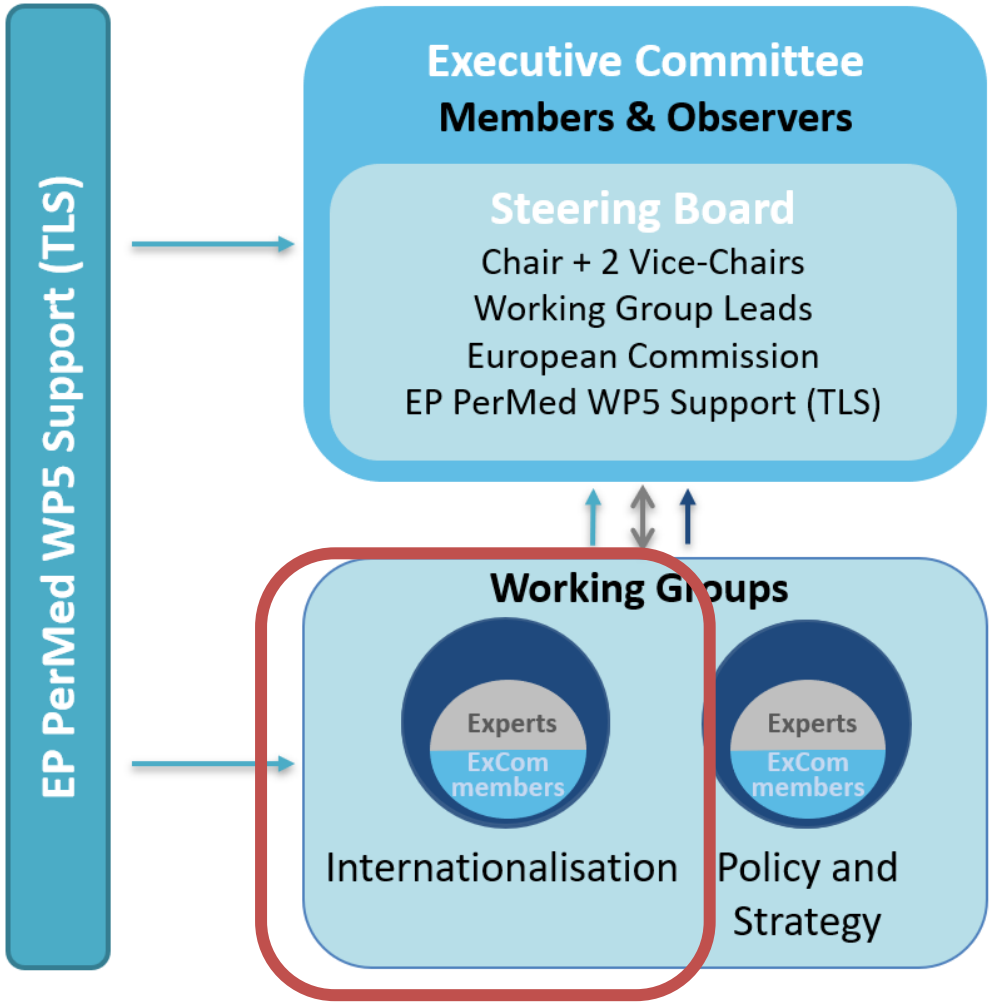
Observer status:

European Commission

Started exchange:

- Kenya
- Ethiopia
- Morocco
- Malawi
- Rwanda
- Uganda
- Senegal

ICPerMed governance



Étienne Richer

CIHR Institute of Genetics

Raili Sillart

Estonian Ministry of Social Affairs

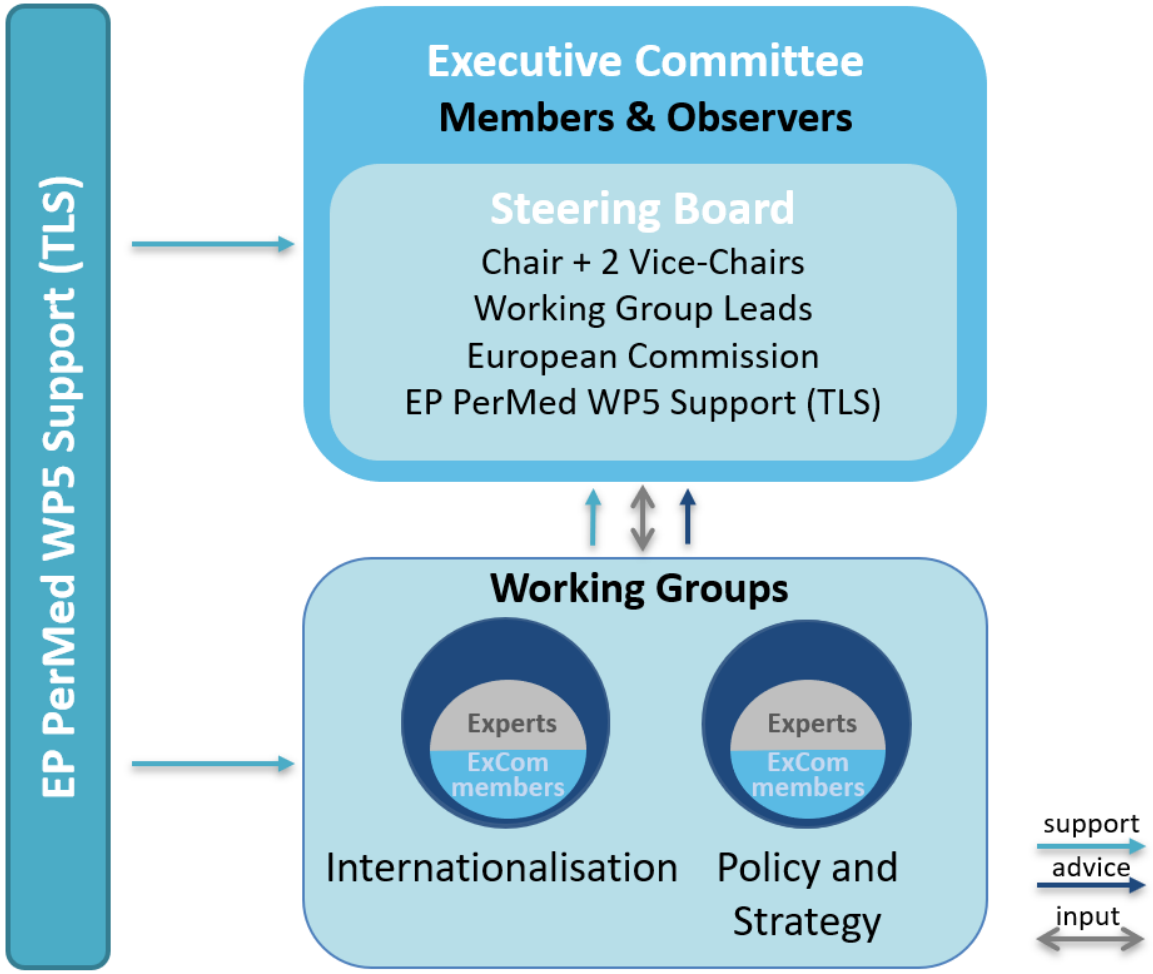
Rizwana Mia

South African Medical Research Council

support
advice
input

The work of EU-Africa PerMed will be further pushed through the inclusion of the SAMRC as vice-chair and the Working group on internationalisation.

ICPerMed governance



- **Policy development:**
  Development of strategic documents to **align funding activities** and push **implementation** of research outcomes in healthcare practices.

  ➔ has initiated in the past joint funding programmes as ERA PerMed and EP PerMed

- **Create evidence:**
  Support collecting and sharing of knowledge in the field of PM via ICPerMed
  Publish and promote good practices

- **Connect stakeholders:**
  Bring initiatives working locally on comparable aspects of the globe together – e.g. genomics initiatives

- **Push structural development:**
  E&T activities, data and sample infrastructures

How and why to become an ICPerMed member?

Who is eligible?
ICPerMed is restricted to public and private not-for-profit health research funding organisations.
Research performing organisations are NOT eligible to become ICPerMed members.

How to become a member?
A membership seeking funding organisation needs to

- fill in and sign the **letter-of-intent** and **contact form**.
- **letter of motivation** stating the reasons for desiring to join ICPerMed

to be sent to Monika: monika.frenzel@anr.fr

The ICPerMed Steering Board is responsible for approving requests.

How and why to become an ICPerMed member?

Why to become an ICPerMed member?

- The ICPerMed is a strategic platform acting on high level.
- The membership does not require any monetary commitment. Participation is in-kind for all members (i.e. travel to meetings of the ICPerMed consortium and personnel efforts are not reimbursed).

Time effort:

- The Executive Committee of ICPerMed (all members) meets twice a year (hybrid meetings, so online participation is possible, if needed).
- ICPerMed members are reporting on (funding and other) activities related to PM/health.

Get in contact with ICPerMed or follow activities

More information about ICPerMed

Mail: icpermed@toscanalifesciences.org

Internet: www.icpermed.eu

LinkedIn: @ICPerMed - The International Consortium for Personalised Medicine

Monika.Frenzel@anr.fr