



# Cooperation with Africa in Personalised medicine

Global approach to R&I and Health

EU-AFRICA PerMed VIRTUAL STAKEHOLDER WORKSHOP

European Commission, DG RTD-D2

Jean-Luc SANNE



# International Consortium for Personalised Medicine



## WHAT

- Collaboration of research funders and policy makers from EU Member States and beyond

- **30 countries (4 neither MS or AC) and 4 regions**
- **9 Health Ministries**
- **6 Science and Education Ministries**
- **23 Research funders**

## WHY

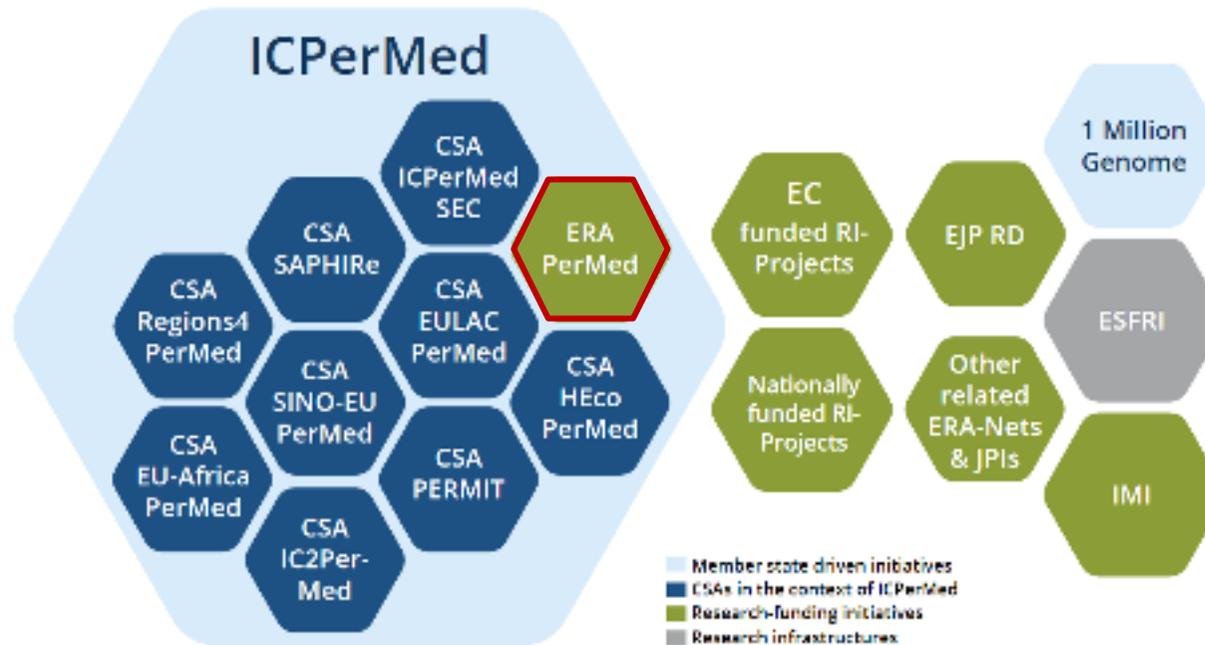
- Establish Europe as a global leader in PM research
- Support the PM science base through a coordinated approach to research
- Provide evidence to demonstrate the benefit of PM to citizens and healthcare systems
- Pave the way for PM approaches for citizens

## HOW

- Implementation of a Roadmap based on PerMed Strategic Research Agenda (SRIA)



# EU support to ICPerMed



- ❖ **PM is a global topic: added value** of the participation in joint transnational calls (JTCs) of funders and researchers from **third countries**.
- ❖ **ERA PerMed** has achieved a relevant **International dimension** in its calls.
- ❖ **EU-Africa PerMed** creates the basis for cooperation with Africa

# Actions in support the international dimension of ICPeMed

Call topic **SC1-HCO-01-2018-2019-2020** under Horizon 2020

Three deadlines:

- 2018 focus on the Community of Latin American and Caribbean States (CELAC)
- 2019 focus on China
- **2020 focus on Africa**

*linking into the EU-AU policy dialogue and taking into account the Africa-Europa Alliance for sustainable investment and Jobs*

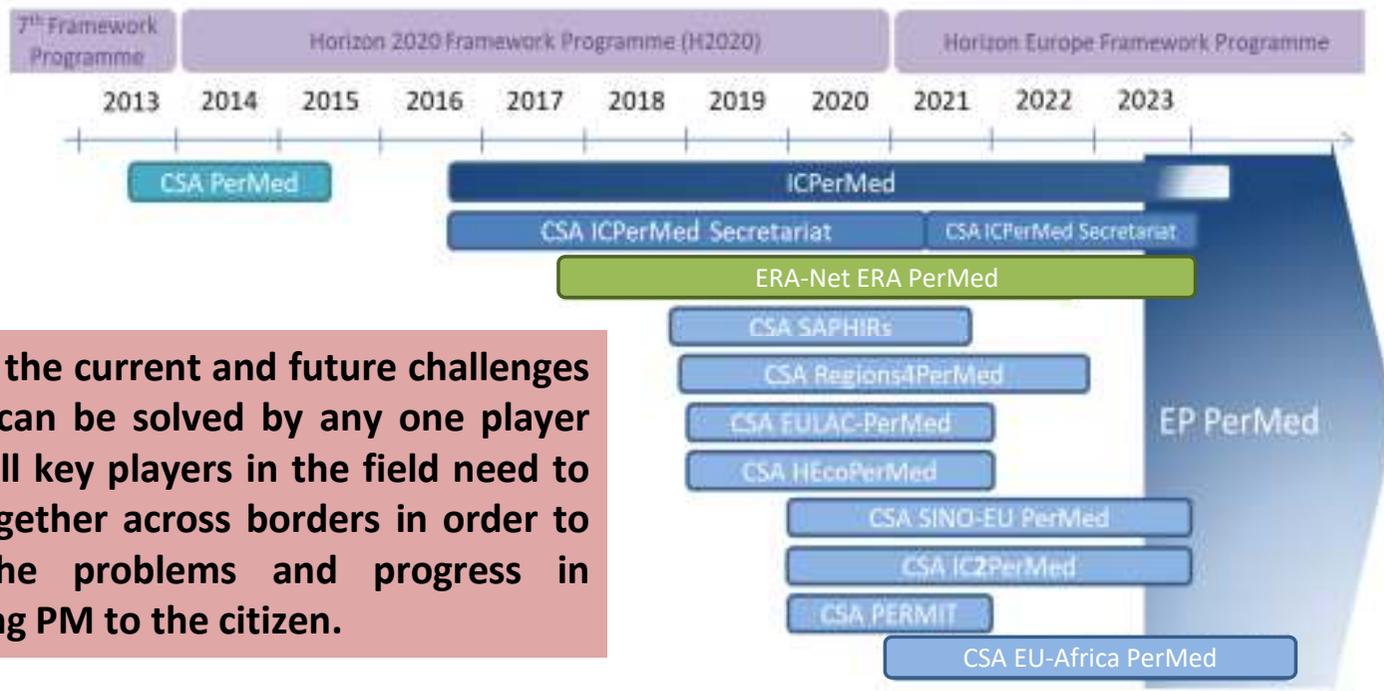
# EU-Africa PerMed

Starting date February 2021, **Duration 4 years, Budget € 2 million**  
Thirteen partners, 6 from Europe and 7 from Africa

## Specific objectives:

- Explore the potential for an EU-AU collaboration in PM;
- Identify and engage with health-related organisations in Africa;
- Integrate health R&I and policy organisations from AU in ICPPerMed;
- Seek synergies and align with activities of ongoing EU-Africa initiatives;
- Carry out capacity building and training activities
- Raise awareness of PM

# Towards the cofounded partnership EP PerMed



None of the current and future challenges for PM can be solved by any one player alone. All key players in the field need to work together across borders in order to solve the problems and progress in delivering PM to the citizen.

## Establish EP PerMed to:

- bridge the gap between PM research and its implementation in healthcare systems.
- bring together all the stakeholders involved in this field in the partnership.



# Global approach to research & innovation

*Europe's strategy for international cooperation in a changing world\**

## WHAT IS THE AIM OF THE GLOBAL APPROACH TO RESEARCH AND INNOVATION (R&I)?

To preserve openness in research and innovation international cooperation while promoting a level playing field and reciprocity underpinned by fundamental values.

To strengthen multilateral partnerships to deliver new solutions to green, digital, health and innovation challenges.



## HOW WILL THIS BE ACHIEVED?

Modulating bilateral cooperation in line with European interests and values and EU's open strategic autonomy.

Accelerating sustainable and inclusive development, and the transition to resilient, knowledge-based societies and economies in low and middle-income countries.

Using a *Team Europe* approach, with actions by the EU, its financial institutions and Member States.



\*COM(2021) 252

# Cooperation with Africa in Personalised Medicine: A Global Approach to Research and Innovation

- **Strengthening cooperation on global health**

Multilateral cooperation and joint action to build a healthier, safer, fairer and more sustainable world.

### *Global Health EDCTP3 Joint Undertaking*

- **Support the International Consortium for Personalised Medicine (ICPerMed)**

Foster strategic collaborations on a global personalised medicine agenda and towards the implementation of personalised medicine internationally.

*Reference to personalised medicine in COM(2021) 252*



# Multilateral cooperation on health R&I

Global alliances launched, joined and supported over recent years

## a) Strategic issues for biomedical progress and uptake of innovation in healthcare

- Heads of International Research Organizations in health R&I (HIRO)
- International Consortium for Personalised Medicine (ICPerMed) 
- International Coalition of Medicines Regulatory Authorities (ICMRA)

## b) Non-Communicable Diseases:

- International Rare Diseases Research Consortium (IRDiRC) 
- Global Alliance for Chronic Diseases (GACD)

## c) Communicable diseases, incl. epidemics preparedness and response:

- Global Research Collaboration for Infectious Disease Preparedness (GloPID-R)
- European and Developing Countries Clinical Trial Partnership (EDCTP) 
- Coalition for Epidemic Preparedness Innovations (CEPI)
- Joint Programming Initiative on Antimicrobial Resistance (JPI-AMR)



## International cooperation in Horizon Europe Main elements

### **General openness to international participation**

- Entities from all over the world can take part in Horizon Europe collaborative projects.
- Researchers and innovators of any nationality can apply for grants.
- Entities from most low-middle income countries are automatically eligible for funding.

### **Targeted international cooperation actions**

- Actions flagged as being specifically relevant for international cooperation.
- Targeted actions with key partners on strategic thematic areas.
- Cooperation with Africa under the Horizon Europe 'Africa Initiative'.

# Africa Initiative

*In the first Work Programme of Horizon Europe  
2021-2022*



- Immediate outcome of the first ever **EU-AU R&I Ministerial** (July 2020), it will strengthen **long-term cooperation** in finding solutions to enhance **global public health, socio-economic development** and **recovery from the COVID-19 pandemic**.
- A total budget of **~350 MEUR** through **36 topics** under **calls for proposals** targeted at **EU-Africa R&I cooperation**, responding to **four joint policy priorities**:
  1. *Public Health* (40 MEUR) 
  2. *Green Transition* (215 MEUR) 
  3. *Innovation & Technology* (11 MEUR) 
  4. *Capacities for Science* (91.9 MEUR) 
- Adoption of **Horizon Europe Work Programme: 16 June 2021**  
(**[EU funding & tenders' portal](#)**).



# Thank you!

## #HorizonEU

<http://ec.europa.eu/horizon-europe>



© European Union 2021

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.  
Image credits: © ivector #249868181, #251163013, #273480523, #241215668, #245719946, #251163053, #252508849, #241215668, #244690530, #222596698, #235536634, #263530636, #66009662, #273480523, #362422833, © petovarga #366009967; © shooarts # 121467308, 2020. Source: Stock.Adobe.com. Icons © Flaticon – all rights reserved.

