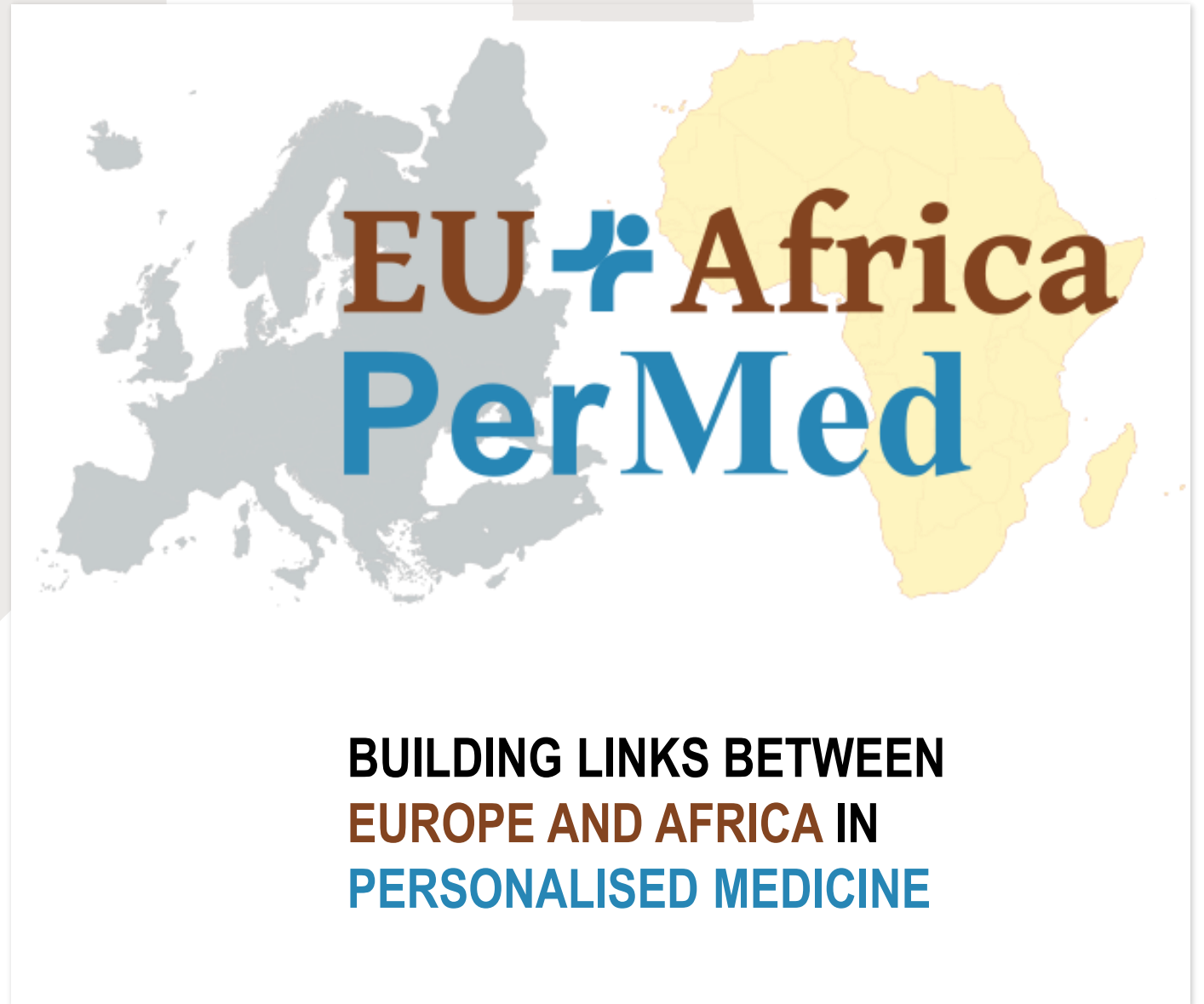


INFORMATION DAY
1st December 2021

ERIKA SELA (INNOVATEC)
EU-Africa PerMed Project Manager



BUILDING LINKS BETWEEN
EUROPE AND AFRICA IN
PERSONALISED MEDICINE



EU-Africa PerMed has received funding from the European Union's Horizon 2020 Research and Innovation programme under grant agreement No 964333

EU-AFRICA PERMED: THE PROJECT

- ✓ **EU-Africa PerMed** project has the final objective of integrating African countries in the global Personalised Medicine agenda, through fostering their participation in the activities of the International Consortium for Personalised Medicine ICPeMed (www.icpermed.eu)
- ✓ It will also contribute to increase PM research collaborations between Europe and Africa in areas of mutual interest, as well as strengthening bilateral EU-AU science, technology and innovation (STI) relations in the area of health.
- ✓ The project, funded by the EC, started on the 01/02/2021 and will run for 4 years.

EU-AFRICA PERMED: THE CONSORTIUM



EU-AFRICA PERMED: THE PROJECT PARTNERS



PARTIC. Nº	PARTICIPANT ORGANISATION NAME	COUNTRY	TYPE
1 -Coord.	INNOVATEC	Spain	SME
2	MINISTRY OF HEALTH	Italy	Policy and research funding organization
3	EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK - ECRIN	Europe	Research infrastructure
4	NATIONAL RESEARCH AGENCY - ANR	France	Research funding organization
5	Carlos III HEALTH INSTITUTE – ISCIII	Spain	Policy, funding and research organization
6	FRENCH NATIONAL INSTITUTE OF HEALTH AND MEDICAL RESEARCH - INSERM	France	Research organization
7	EGYPTIAN CENTER FOR INNOVATION & TECHNOLOGY DEVELOPMENT- ECITD	Egypt	SME
8	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL – SAMRC	South Africa	Research funding organization
9	INSTITUTE FOR HEALTH RESEARCH, EPIDEMIOLOGICAL SURVEILLANCE AND TRAINING- IRESSEF	Senegal	Research organization
10	AFRICAN POPULATION & HEALTH RESEARCH CENTRE -APHRC EAST, CENTRAL, AND SOUTHERN AFRICAN HEALTH COMMUNITY - ECSA-HC	Kenya/Senegal	Research organization
11	NATIONAL COMMISSION FOR SCIENCE, TECHNOLOGY AND INNOVATION – NACOSTI	Kenya	Policy maker
12	AFRICAN UNION DEVELOPMENT AGENCY - AUDA - NEPAD	Africa	AU public agency and funding organization

WHAT IS PERSONALISED MEDICINE?

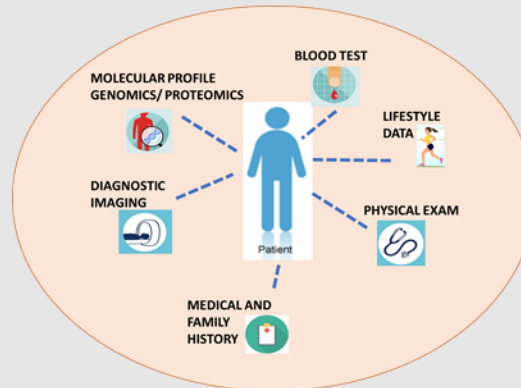
PERSONALISED MEDICINE PM refers to a **medical model** using characterisation of individuals' phenotypes and genotypes (e.g. **molecular profiling, medical imaging, lifestyle data**) for tailoring the right **therapeutic strategy** for the right person at the right time, and/or to determine the **predisposition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

PREVENTION



Early detection of patients at risk, Improve preventive measures (individual/collective)

DIAGNOSIS



Accurate disease diagnosis enabling individualized treatment strategy

TREATMENT



Improved outcomes through targeted treatments and reduced side effects

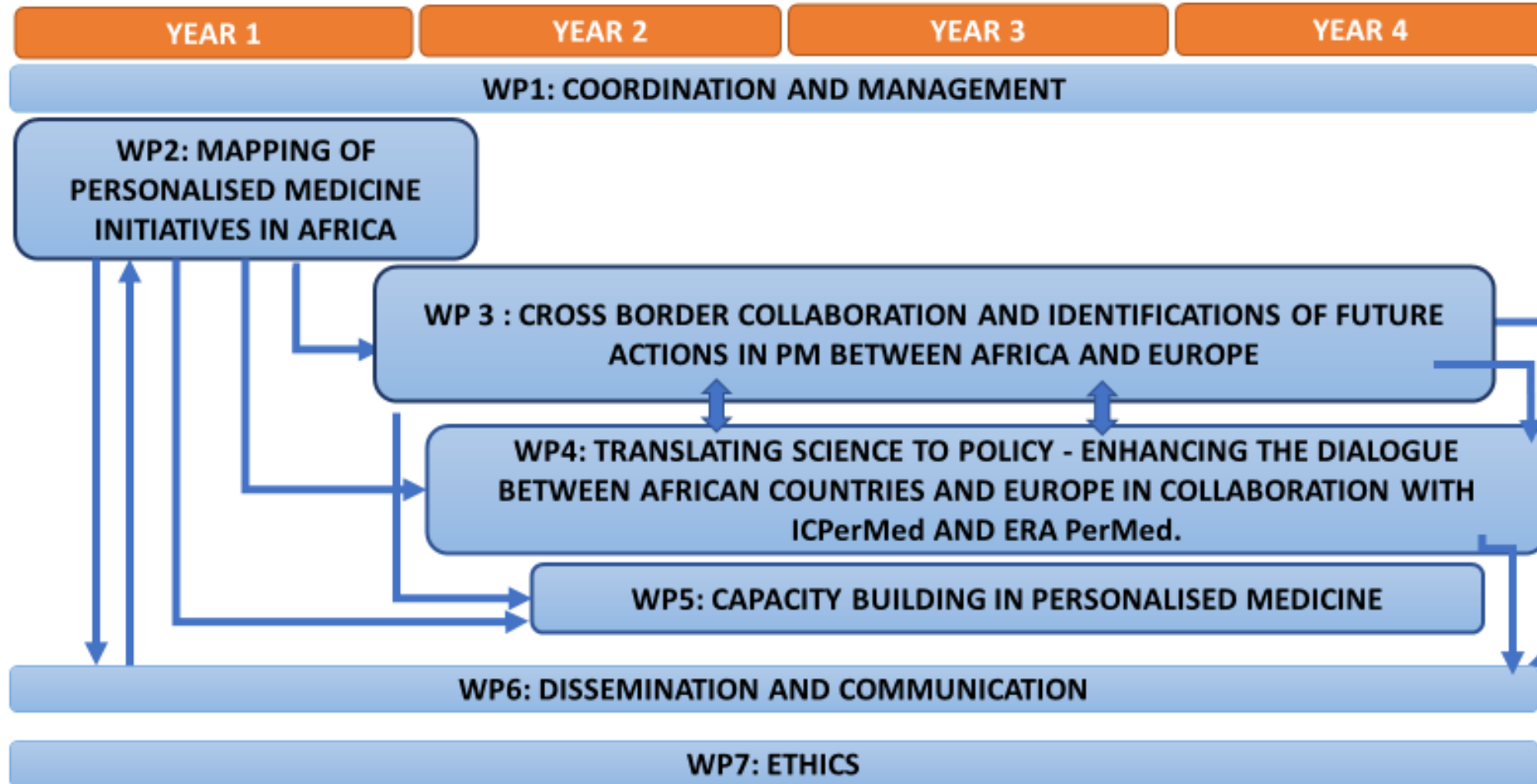
PM is also referred to as “precision medicine”, “stratified medicine”, “individualized medicine”, “genomic medicine”, “pharmacogenomics” and “P4 medicine” (for personalized, predictive, preventive, and participatory) (Nimmesgern, E., et al 2017).

EU-AFRICA PERMED OBJECTIVES

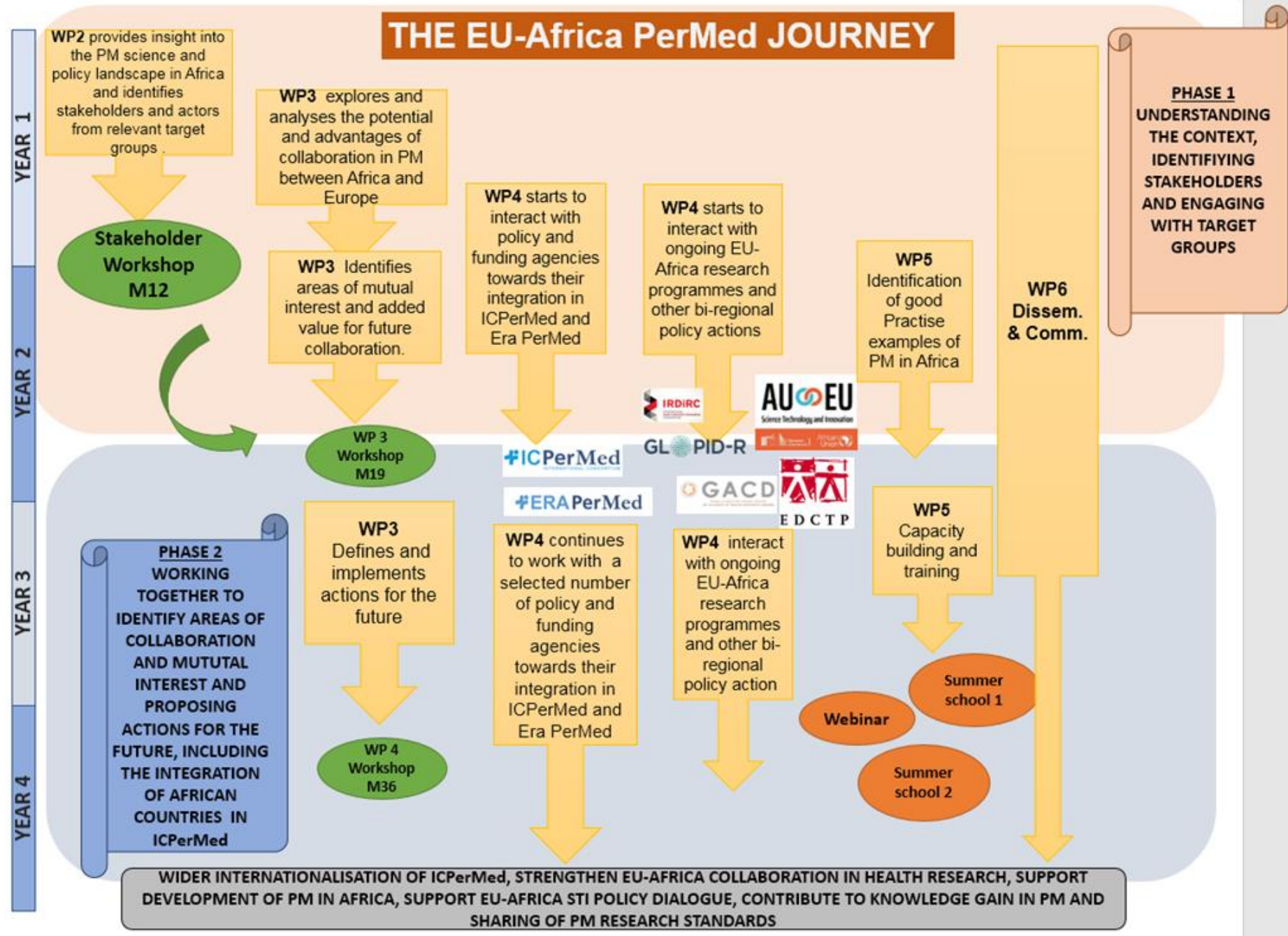


- **OBJECTIVE 1:** To identify, contact and engage with relevant PM-related stakeholders in Africa
- **OBJECTIVE 2:** To explore and analyse with stakeholders, the potential for and advantages of collaboration in PM between Africa and Europe, identifying areas of mutual interest and added value for both regions
- **OBJECTIVE 3:** To foster and facilitate the integration of health research funding and policy organisations from African Union (AU) countries in the ICPeMed consortium
- **OBJECTIVE 4:** To seek synergies and align with activities of ongoing EU-Africa research programmes and other by-regional policy actions
- **OBJECTIVE 5:** To carry out capacity building and training activities addressing relevant PM issues for Africa
- **OBJECTIVE 6:** To contribute to raising awareness of PM and the benefits of a closer inter and intra-regional collaboration, in order to advance in the implementation of PM approaches

EU-AFRICA PERMED: WORK PACKAGES INTERACTIONS



THE EU-Africa PerMed JOURNEY



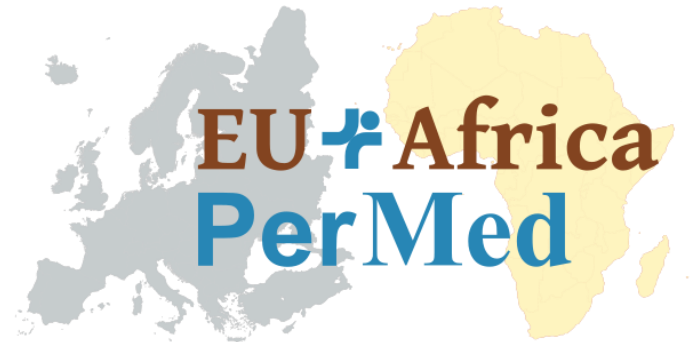
EU-AFRICA PERMED: EXPECTED RESULTS AND IMPACTS

Short-term

- Facilitate the integration of African organizations in ICPeMed activities
- Support a wider adoption of PM standards developed in Europe to facilitate international collaboration in research projects, for the participation in PM clinical trials, sharing of data and samples.
- Support the EU-AU policy dialogues relevant to research and health

Medium-long term

- Reduce global inequities in PM research that can contribute to better disease prevention, diagnosis and treatment.
- Contribute towards the UN Sustainable Development Goal 3: Ensure healthy lives and promote well-being for all at all ages.



**THANK YOU VERY MUCH
FOR YOUR ATTENTION**



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www.euafrica-permed.eu