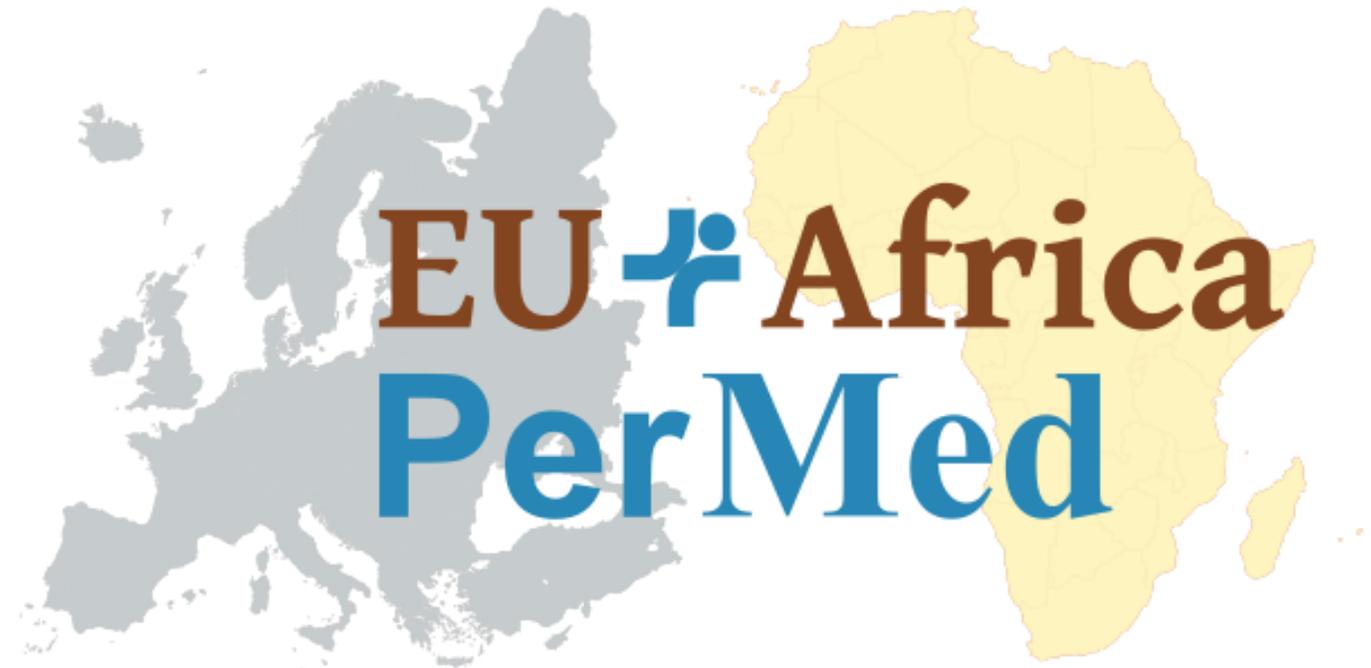


Webinar “Strengthening Africa-Europe
Collaboration: Advancing Personalised
Medicine through a Unified Action Plan”
20th January at 13:00 CET

Capacity building and
networking Value



Maria Jose Ruiz Alvarez
Italian Ministry of Health

**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

Organizational and Institutional Context

- Strengthening capabilities
- Organizational development
- Institutional strengthening
- Competence development
- System enhancement

Community and Regional Context

- Community empowerment
- Resource Development
- Network strengthening
- Empowerment initiatives
- Infrastructure development

Collaborative and Partnership Context

- Partnership strengthening
- Collaborative growth
- Knowledge sharing
- Capacity enhancement
- Capability building

Global and Policy-Oriented Context

- Development support
- Policy enhancement
- Sustainable development support
- Resource capacity improvement
- Ecosystem strengthening

Education and Training Context

- ❖ Skills development
- ❖ Workforce training
- ❖ Professional development
- ❖ Knowledge enhancement
- ❖ Talent cultivation



PM Key Impactful Activities target: Researchers, Healthcare workers and Patient

Education and Training

- **Knowledge transfer in PM:** Facilitates the exchange of expertise and innovation between regions.
- **Training and development for PM professionals:** Prepares a skilled workforce to implement PM in diverse settings.
- **Network building in PM research:** Essential for fostering cross-regional collaborations.

Healthcare and Clinical Practice

- **Workforce development in Personalized Medicine:** Builds the human capital needed for PM adoption.
- **Patient-centric care empowerment:** Ensures PM aligns with local healthcare needs and values.

•Policy Context

- **Collaborative capacity strengthening:** Builds a foundation for long-term partnerships.
- **Policy and strategy reinforcement:** Critical for creating an enabling environment for PM implementation.

Infrastructure

- **Infrastructure strengthening for PM research:** Addresses disparities and ensures equitable access.
- **Resource mobilization in PM:** Ensures sustainable funding and resource allocation.



What is Networking? Value of Networking

1.- Enhanced Collaboration

Creates platforms for sharing best practices and lessons learned.
Fosters strong partnerships between African and European scientific community

2.- Knowledge Exchange

Promotes mutual learning about disease-specific PM applications.
Facilitates the transfer of research strategies and successful PM models.

3.- Sustainability and Growth

Strengthens the capacity of researchers to sustain institutions efforts.
Encourages resource pooling for joint PM initiatives.

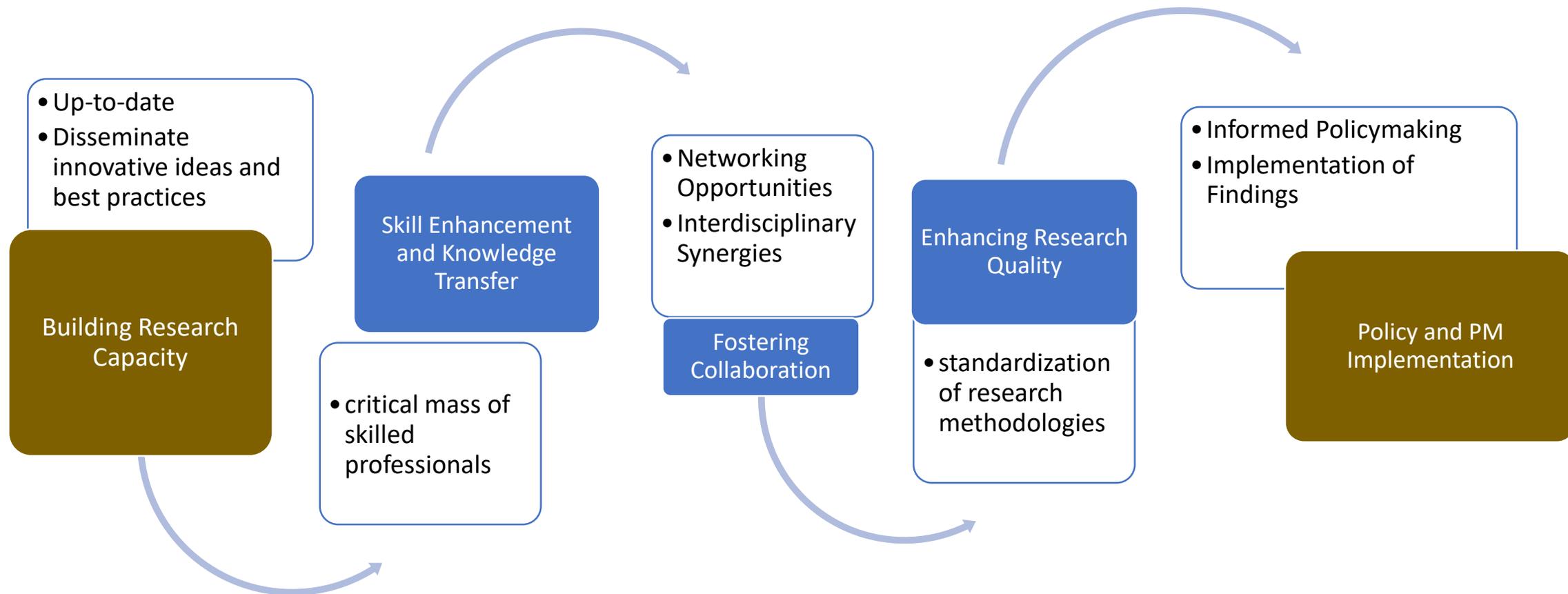
4.- Cultural and Contextual Sensitivity

Builds awareness of diverse healthcare systems and cultural beliefs.
Supports the development of context-specific PM solutions.

5.- Long-Term Impact

Builds a robust, interconnected network.
Drives systemic changes by amplifying the **researcher and patient** voice in PM policy and practice.

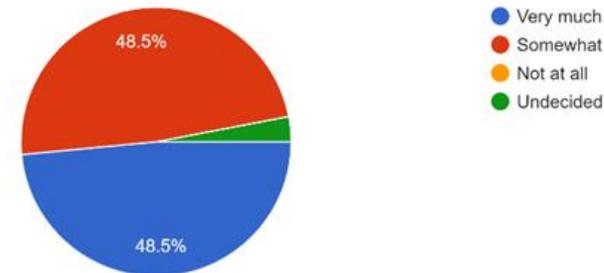
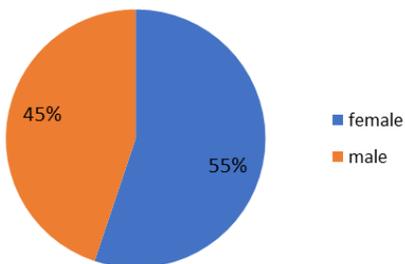
Link Capacity Building and Networking : Supporting translation of PM research into practice by education and training activities



Response from African and European

4.1 Will the information you learnt be implemented in your practice?
33 responses

Gender Distribution



High Participation and Engagement



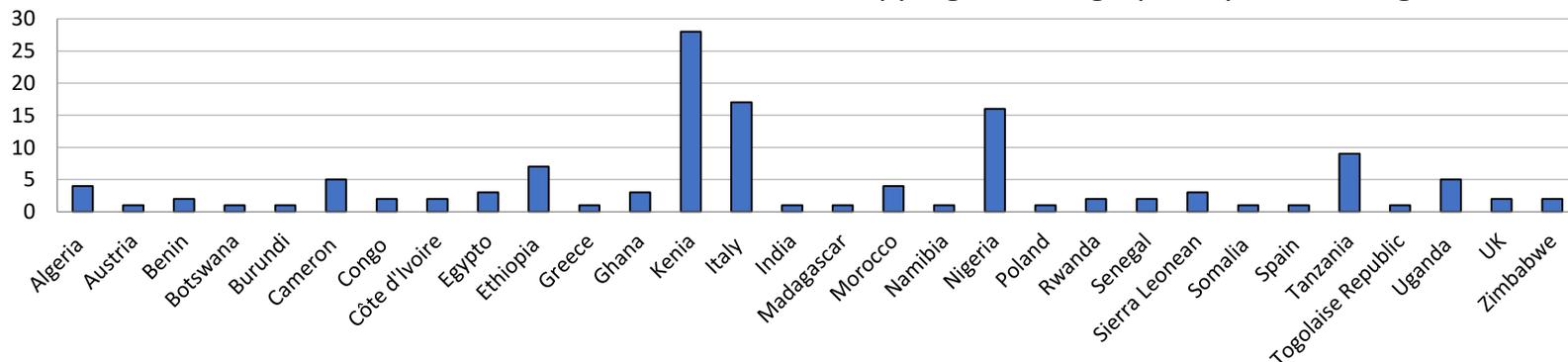
Positive Feedback



New research collaborations and partnerships on PM

Follow our created scientific community (EP PerMed, future initiatives)

2nd SS: Mapping the Geographic Spread of Registrants



“enhancing clinical practices, improving research designs, fostering collaborations, and inspiring educational initiatives”



Part I: Personalised Medicine adopting environment

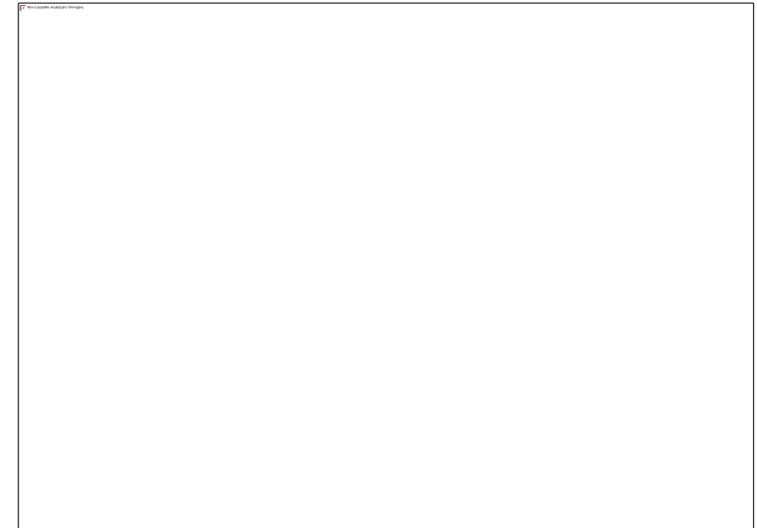
1) Infrastructure: Resources, education and technology awareness

- Infrastructure – collection and sharing
- Healthcare infrastructure and capacity building
- Healthcare professionals and patients – training, education and technology awareness
- Research support and network organisation

2) Ethical and legal considerations

3) Policy actions: Access to technology and expertise

- Advocacy and awareness-raising activities
- Regional consortia
- Personalised Medicine meta-cluster
- African-European Collaboration



Part II: Genetics and genomics in PM – example study

- 1) Human genomic networks
- 2) Genomic research networks, hubs and projects



Key Action: Training Courses and Seminars

Focus: Explaining the Personalized Medicine (PM) concept and its benefits.

Target Audience: Patients' associations to raise awareness and increase knowledge.

Mutual African-European Interest

Patients' associations connect patients, healthcare professionals, researchers, and policymakers.

Advocacy influences funding allocation for PM development, innovation, and implementation.

Requires understanding of PM's value for patients and citizens.

Facilitates education and awareness across disease fields and PM applications.

Mode of Collaboration:

Mobilization of strong advocacy groups to promote PM adoption

Special consideration of local contexts, cultures, and beliefs.

Engagement with patients and citizens directly where associations are unavailable.

Timing and Objectives:

Short-term Objective: Organize training actions for and by patients' associations.

Medium-term Objective: Establish links between African and European patients' associations.

Long-term Objective: Empower associations to drive knowledge sharing and PM awareness among patients, families, and the general public.





**Thank you very much for
your attention**
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