



GEP Forum

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2025

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UNIVERSITY of
RWANDA

HEP-TED

Higher Education Pedagogies
for Teacher Education

Democratizing Digital Transformation in Rwandan Classrooms

Insights into Capacity Building, Challenges, and Opportunities through Multi-Stakeholder Collaboration

In joint collaboration

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Context of Rwanda's Digital Transformation

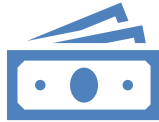
- Rwanda's Vision 2050 and Smart Rwanda Master Plan
- Expansion of ICT in schools and higher education
- Adoption of LMS and digital tools
- Democratizing access: addressing equity and inclusivity



Why Democratization Matters



Ensures equal
access to
education
resources



Promotes
affordability and
inclusivity



Reduces rural–
urban digital
divide



Encourages
contextualized
digital content in
local languages

Capacity Building

Training teachers in digital pedagogy (LMS, OERs)

Continuous Professional Development (CPD)

Student digital literacy development

Instructional Design models (ADDIE, blended learning)

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Capacity Building - Digital Pedagogy Training

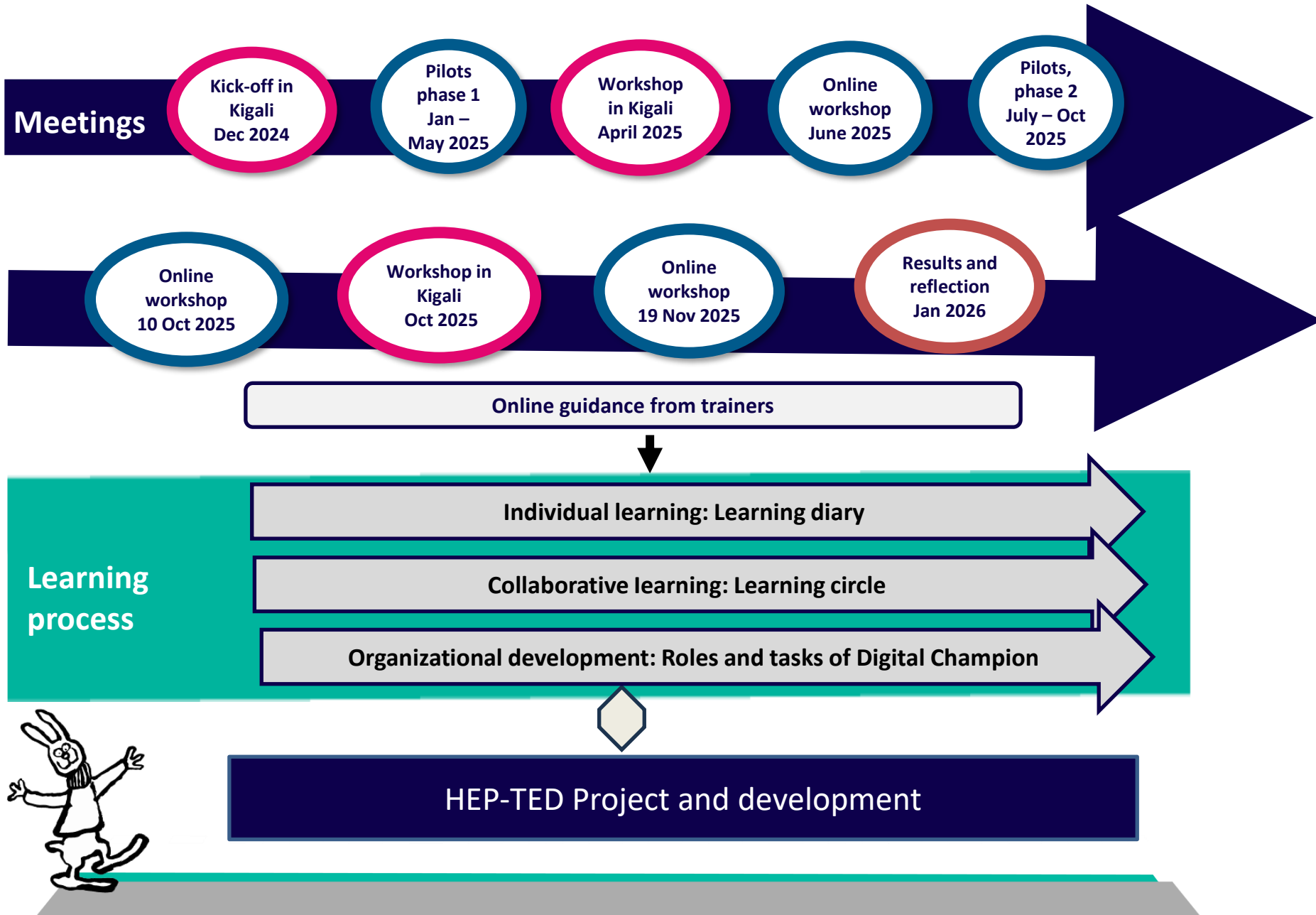
University of Helsinki • JAMK University of Applied Sciences • Rwanda Polytechnic • Tampere University
Tampere University of Applied Sciences • University of Rwanda

Overall Learning Aim

To build teachers' capacity to serve as Digital Champions to support peers in implementing emerging pedagogies and competence-based learning at the University of Rwanda and Rwanda Polytechnic



Process of the Digital Pedagogy Training



Challenges



Infrastructure gaps (electricity, devices, internet) **84.6%**



Skills gap for teachers and administrators

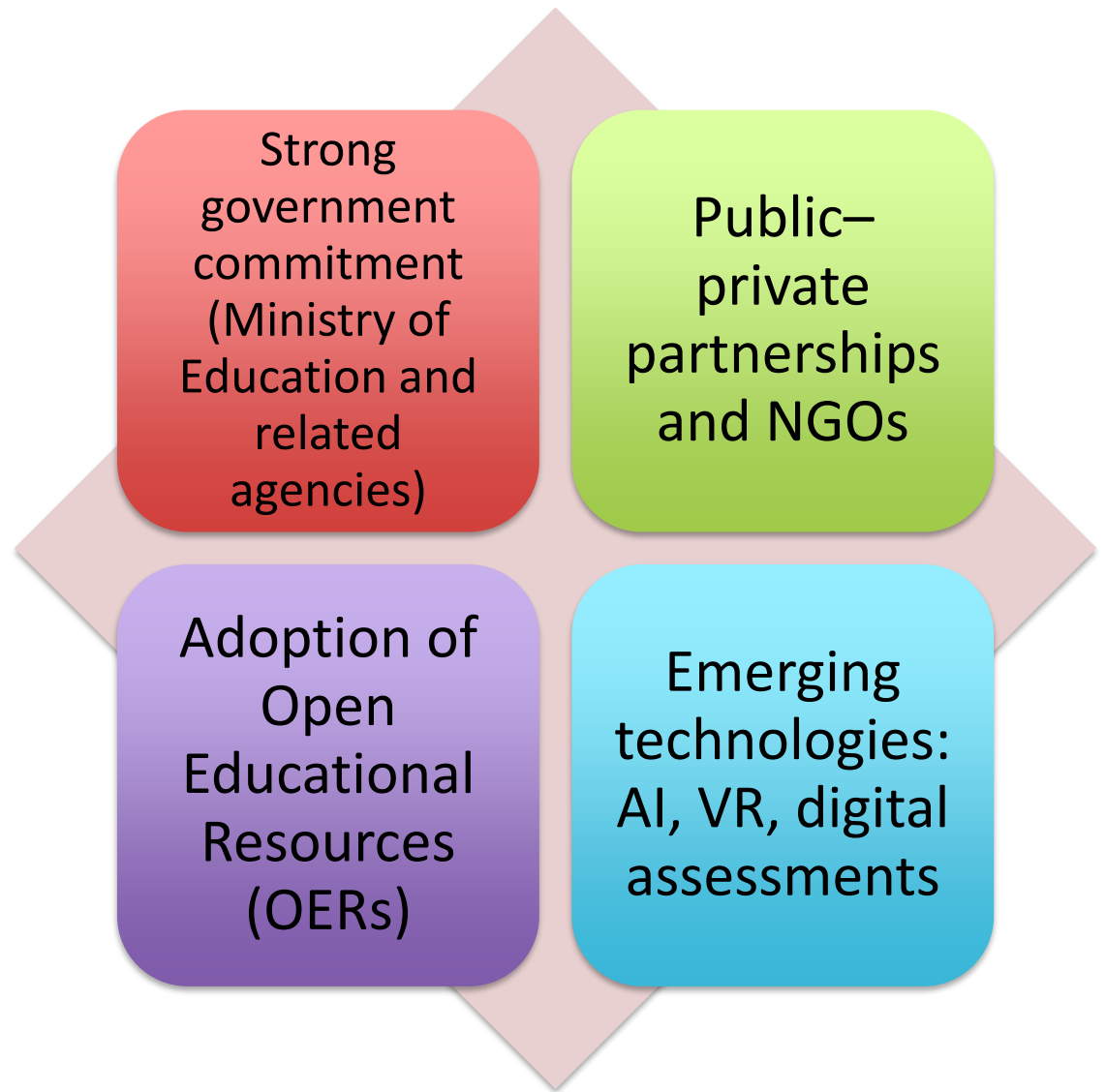


Financial sustainability concerns



Policy and cultural resistance to change

Opportunities



Role of Multi-Stakeholder Collaboration

- **Government:** policies, funding, infrastructure
- **Universities:** research, instructional design, training
- **Private sector:** tech solutions, innovation
- **Development partners:** resources, expertise
- **Teachers & students:** adoption and feedback

Case Examples

University of Rwanda digitization initiatives

HEP-TED project supporting teacher education

Partnerships with UNICEF, World Bank, telecom providers

Positive impact on inclusivity and access

Way Forward

- Strengthen teacher training & CPD programs
- Enhance infrastructure and connectivity
- Promote inclusive digital content creation
- Institutionalize collaboration frameworks

Conclusion

- Democratizing digital transformation requires collective effort
- Partnerships are crucial to sustain progress
- Call to action: invest in inclusive and sustainable digital education, especially in a safe country like Rwanda.





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Thank you!

Murakoze!

Kiitos!