



EDUCATORS SHAPING FUTURES

A Global Knowledge Exchange on Teacher Preparation and Development

Session Summary and Materials

1. Session

The Potential and Risks of AI and Digital Technologies in Teacher Education

2. Date/Time

Monday, November 3, 2025; 15:30 – 17:00

3. Speakers and Roles

Moderator:

- **Muna Meki**, education practice manager, World Bank

Presenters:

- **Martin de Simone**, Senior education specialist, World Bank
- **Katy Bullard**, Analyst, World Bank

Panelists:

- **Zelalem Assefa**, Chief Executive Officer for ICT and Digital Education, Ministry of Education in Ethiopia
- **Martin de Simone**, Senior education specialist, World Bank
- **Mani Sabapathi**, Co-founder, EDCET
- **Ekua Bentil**, Senior education specialist, World Bank
- **Rabieh Razzouk**, Director, Learning Systems Institute at Florida State University

4. Session Overview and Key Takeaways

This plenary session examined the potential roles and risks of artificial intelligence and emerging digital technologies in teacher education and development. The session began with two brief framing presentations. The first presented promising preliminary results from an AI-enabled coaching intervention, while the second raised concerns about integrating AI into teacher development, based on research about teachers' perspectives on AI.

Following these framing presentations, a panel discussion dove deeper into the potential benefits of AI and digital technologies in education, including teacher education and development, and examined opportunities for transforming teacher preparation and development through digital technologies and tools. As part of this discussion, issues were explored around the importance of partnering with the private sector while examining the realities of commercial viability for digital and AI-enabled tools and the implications for potential sustainability of these interventions. Issues around uptake were also discussed along with other potential risks and ethical concerns.

5. Links to Presentations and Materials

Day 1. Closing Plenary Slides.pdf

6. Acknowledgments

The session was organized by **Juan Baron**, **Ekua Bentil**, and **Martin de Simone** (Senior Education Specialists, World Bank).

