

Notes from working groups of the Workshop on Inclusive and Digital SDG Education Solutions as part of the digital conference “[Innovative Education: Bridging Gaps and Building Futures](#)”

Friday, 15 November 2024, 3:00 - 5:00 PM (CET)

Group 1: Opportunities and challenges in Integrating digital tools in SDG Education – hosted by ISA Alumni Fontoh Desmond Abinwi & Ritu Malhotra

Challenges:

- Limited internet access and affordability.
- Lack of collaboration between stakeholders.
- Policy gaps and poor implementation.
- Lack of digital tools and resources.
- Inadequate teacher training.
- Difficulty identifying student behavior in digital learning.
- Poor monitoring and evaluation (M&E).

Solutions:

- Introduce offline tools like Google Drive Workspace.
- Foster collective digital classroom learning.
- Develop localized, needs-based lesson guides.
- Provide digital literacy training for educators.
- Conduct studies on digital learning behaviors.
- Establish robust M&E frameworks.

Policy Recommendations:

- Provide subsidies for internet and digital tools.
 - Strengthen public-private partnerships for resource mobilization.
 - Allocate funding for teacher training and development.
 - Use M&E data to refine policies and programs.
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Group 2: Opportunities and challenges in digital tools for agricultural education – hosted by Henry Cofie Fordi & Pawan Sharma

Challenges:

- Limited infrastructure, such as telecommunication networks, roads, and electricity.
- High levels of illiteracy among target groups.
- Fear of digital fraud.
- High costs of internet and digital tools.
- Lack of indigenous digital tools and content.

Policy Recommendations:

- Improve infrastructure for digital transformation through public-private partnerships.
 - Establish digital libraries in communities to train farmers.
 - Invest in creating local digital tools and content.
 - Raise awareness about the importance of digital tools.
 - Subsidize data costs and develop offline digital tools.
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Group 3: Opportunities and challenges in integrating digital tools in environmental education (EE) – hosted by Lucia Toledo & Mmachukwu Loretta Obimdike

Challenges:

- Digital divide and access disparities.
- Balancing technology use with outdoor education.
- Issues with content quality and accuracy.
- Resistance from educators to change.
- Technical issues and insufficient support.

Success Stories:

- Implementation of online applications for EE courses with small incentives or mini-grants to support projects.
- Youth advocacy and citizen mobilization platforms promoting environmental education.

Policy Recommendations:

- Invest in accessibility and digital infrastructure.
 - Integrate digital tools into the curriculum.
 - Build capacity for teachers and strengthen community outreach.
 - Foster public-private partnerships with NGOs and tech companies.
 - Introduce policy incentives for digital innovation.
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Group 4: Opportunities and challenges in integrating digital tools to facilitate inclusiveness in classroom education – hosted by Ousmane Njaaye & Sneha Murali

Challenges:

- Affordability of devices (tablets, smartphones, and computers).
- Limited access to internet connectivity and digital infrastructure.
- Low bandwidth and unreliable digital devices.
- Teacher resistance to using digital tools.
- Insufficient training programs for educators.
- Students' distraction during digital learning sessions.

Policy Recommendations:

- Develop public-private partnerships to address network and infrastructure issues.
 - Incorporate digital literacy modules into teacher training programs.
 - Create digital classrooms to address teacher shortages and support students with disabilities.
 - Increase investments in digital infrastructures.
 - Design and implement comprehensive digital training plans for educators.
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