

Promethean–MINESEC Education Transformation & Acceleration Project



COMMONWEALTH

Enterprise and Investment Council



Full Project Overview Summary

Transforming Teaching & Learning Across Cameroon Through Intelligent Classrooms

1. Introduction

The Promethean Cameroon Project is a national initiative led by the **Ministry of Secondary Education (MINESEC)** in partnership with **Promethean**, the **Commonwealth Enterprise and Investment Council (CWEIC)**, and key local stakeholders.

Its mission is to modernize teaching and learning by equipping schools across Cameroon with interactive technologies, offline digital content access, and comprehensive teacher training.

This project directly supports **Cameroon's Vision 2035**, the **Ministry's digital transformation agenda**, and the broader goals of **Africa Agenda 2063** and **SDG4: Quality Education for All**.

2. Project Purpose

The purpose of the initiative is to:

- Strengthen the quality of teaching and learning
- Increase access to digital resources for all students, **including remote and underserved areas**
- Equip teachers with modern instructional skills
- Establish a sustainable model for intelligent classrooms nationwide
- Support national examination readiness, active learning, and digital literacy

In short: **to transform classrooms into engaging, interactive, and inclusive learning environments.**

3. Project Background

Origins of the Collaboration

The engagement started in **2022** when Promethean and MINESEC initiated discussions on enhancing digital learning in Cameroon.

By **2023**, Promethean-equipped studios within the **Distance Learning Centre (DLC)** in **Yaoundé** began producing thousands of educational videos for national use.

Evolution of the Initiative

In early **2024**, the project expanded into a larger ecosystem vision:

- Interactive classrooms powered by Promethean panels
- Local content access through MicroCloud
- Teacher training and capacity-building programs
- National-scale deployment planning

This laid the foundation for the **Intelligent Classroom Pilot**, which is now entering full implementation.

4. Technology Ecosystem

The project is powered by an end-to-end Promethean ecosystem, including:

A. Promethean ActivPanel (IFP)

- 4K interactive display
- Accurate touch and natural writing
- Integrated OPS-A Android computing
- Classroom audio
- Cloud integration and secure profiles

B. MicroCloud (Offline Content Server)

A key differentiator for Cameroon:

- Provides access to learning materials **without internet**
- Creates a local Wi-Fi content hub
- Connects to the panel and student devices
- Ideal for rural and remote locations

C. Teacher Laptops & Student Devices

Supporting blended learning and digital content access.

D. Software

- Explain Everything (interactive lesson creation)
- Classroom apps for collaboration and engagement
- Promethean Device Management System (PDMS) for fleet control

This ecosystem ensures **continuity, offline access, and ease of use** for all teachers.

5. Pilot Scope (2025–2026)

The Intelligent Classroom Pilot includes:

- **252 Promethean Panels (OPS-A integrated)**
- **252 MicroCloud units**
- **Master trainer development**
- **Teacher training and certification**
- **Deployment in selected secondary schools across Cameroon**
- **Monitoring, evaluation, and scale-up planning**

This forms the largest coordinated interactive classroom initiative in the country's secondary education system.

6. October 2025 Delegation Week (Flagship Event)

A landmark moment in the project's timeline, featuring:

A. Master Trainer Workshop – October 15

- 25 master trainers (inspectors, pedagogical experts, senior educators)
- 4-hour hands-on session
- Led by Promethean Education Director (Hatem Radwan)
- Attended by **Minister Prof. Pauline Nalova Lyonga**

B. National Conference – October 16

Held at the Distance Learning Centre

Participants included:

- Minister of Secondary Education
- Commonwealth delegation
- World Bank
- UNESCO
- UNISEC
- Senior leadership from MINESEC
- Promethean team

Focus: Cameroon's digital transformation roadmap and the future of intelligent classrooms.

C. Classroom Demonstration Visit

- Full interactive lesson with students
- Panel + MicroCloud showcased in real-time
- Delegation and ministry observers present
- Filmed by CRTV and media crews

D. Prime Minister Meeting – October 17

Delegation met **Prime Minister Dr. Joseph Dion Ngute**, who expressed strong support for advancing the intelligent classroom strategy.

E. Teacher Training Day – October 18

- 60+ teachers trained
 - Certification ceremony
 - Minister attended and engaged with participants
 - Marked the closing of a successful week
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7. Training & Capacity Building

Training is central to the project, focusing on:

Stage 1 — Digital Pedagogy Foundations

- Active learning
- Student engagement
- Pedagogy–Technology–Content integration

Stage 2 — Technology Familiarization

- Using the Promethean panel
- Accessing MicroCloud content
- Lesson workflows

Stage 3 — Lesson Design Practice

- Teachers create enhanced lessons
- Peer review and coaching

Stage 4 — Classroom Adoption & Follow-Up

- Real-world classroom integration
- Regular check-ins and support

The long-term approach ensures **sustainability and teacher ownership**.

8. Project Outcomes (Expected)

Educational Outcomes

- Increased engagement and interaction
- Improved digital literacy
- More accessible content in low-connectivity areas
- Student-centered learning culture

System-Level Outcomes

- A scalable model for national rollout
 - Strengthened national digital infrastructure
 - Sustainable teacher development pathways
 - Reduced barriers caused by geography or connectivity
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9. Future Vision (2026–2030)

The long-term vision is to:

- Scale intelligent classrooms across all regions
- Integrate curriculum-wide digital content
- Expand teacher certification pathways
- Deploy hybrid teaching models
- Align with Vision 2035 goals
- Set Cameroon as a regional benchmark for digital education in Central Africa

Promethean remains committed to supporting MINESEC in achieving this strategic vision.

10. Closing Statement

The Promethean Cameroon Project is more than a technology deployment — it is a nationwide transformation journey built on partnership, leadership, and a shared commitment to empowering every learner.

The project stands as a model of how innovative technology, teacher empowerment, and national vision can come together to shape the future of education across the continent.