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# Coding and AI for Youth

Bridging the Global AI Education Divide

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## Why it matters: The AI Education Challenges

### The Global Digital Divide:

- Digital divide hinders AI education in developing regions

### AI Reshaping Future:

- AI literacy is crucial for future workforce

### Equal Access:

- Digital equality starts with education



**These challenges require  
international collaboration**

# WHAT WE HAVE DONE to address these challenges

## Youth Coding Initiative:

01

In 2021, UNESCO and CODEMAO jointly launched the Youth Coding Initiative as a global effort to expand access to coding and AI education

## Initiative Progress:

02

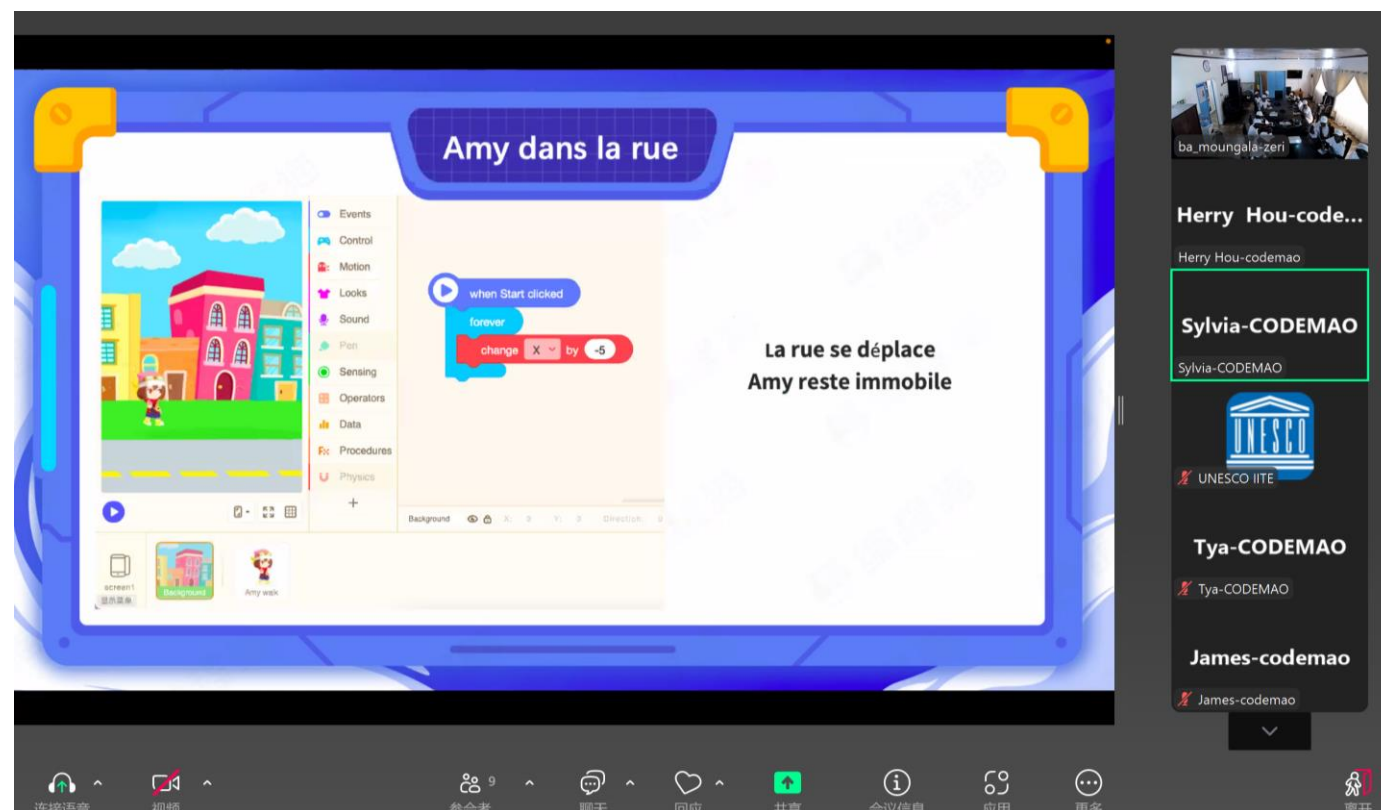
In 2022-2024, organized online digital and AI literacy courses, programming workshops and international exchanges for:

- ▶ 1,500+ students
- ▶ 200+ Educators (45% of whom were women)

## Coding and AI Youth Platform:

03

The Platform will serve as the core infrastructure of the Youth Coding Initiative



Students in Congo learn programming through Kitten

## Key Metrics and Structure:

- Expected Annual Platform Visits – 20K
- Core Functional Modules - 7
- Countries Served – 6+

## Important considerations:

- Data privacy protection
- Institutional compliance
- Policy adherence

The platform connects educators worldwide and enables **equal access to AI and programming education.**

Inclusive by design. • No prior experience required • Multiple languages • Offline capabilities



# Coding and AI Youth Platform



**AI & Coding Learning**  
Global digital hub



**Teacher Support**  
Professional resources



**Global Collaboration**  
Cross-border exchange

# Potential impact of the platform :

## **Transforming Education and Learning**

Bridging the gap - Enhancing Understanding with AI - Supporting Educators

## **Driving Economic Empowerment and Opportunity**

Preparing for the Future Job Market - Unlocking Talent Early - Fostering Entrepreneurship

## **Promoting Social Inclusion and Equity**

Reaching Underserved Communities

## **Cultivating Essential Skills for the AI Era**

Computational Thinking and Creativity - Responsible and Ethical AI Use

## Looking ahead, the initiative will:

- Expand pilot schools worldwide
- Support more educators with AI teaching tools
- Build a global youth AI learning network

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**We invite governments, schools and partners to join the Youth Coding Initiative. Together we can empower the next generation to shape the future of AI.**

# Video and Launch of the Platform

## Coding and AI for Youth

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