

Commitment Deck

Ukraine

Learning Pioneers Programme
Date current to: October 2025

Team names:
Nelson Rodrigues
Tetiana Dalievska
Yuliia Bohach
Lina Zghurska





Our Vision

UKRAINE HAS A MODERN, ACCESSIBLE, AND SECURE DIGITAL ECOSYSTEM OF EDUCATION AND SCIENCE, which integrates learning and research, fosters innovation, ensures effective governance, and develops the competencies needed for a successful future.



UKRAINE HAS **A HUMAN-CENTERED**, MODERN, AND SECURE DIGITAL ECOSYSTEM OF EDUCATION AND SCIENCE, which integrates learning and research, **empowers educators and learners to co-create knowledge**, fosters innovation, ensures effective governance **and develops the skills, values that will lead to a sustainable and inclusive future where everyone thrives.**



In-country workshops

Aligned with the vision

Is there a need?

Ukraine supports the idea of conducting training in Ukraine. The country is undergoing a major transformation in its education system — integrating digital tools, fostering innovation, and rebuilding learning environments affected by war. Ukrainian educators are highly motivated and value access to global best practices, mentorship, and professional communities

What can it influence?

To learning more about EdTech for Good Framework evaluation, to contextualize it
Tinkering with Tech

When is the best timing?

December 2025

EdTech Tools Prioritization

X How do you rate the **strategic alignment** of the EdTech product/service with the **needs of your country**?

Y How do you rate the **scalability and sustainability** of the EdTech product/service in **your context**?

Matific shows good strategic alignment ($\approx 4/5$) with Ukraine's educational needs.

It effectively supports early math education through adaptive learning, strong teacher analytics, and multilingual access — all valuable for Ukraine's digital transformation and inclusive education goals.

However, full alignment with the Ukrainian national curriculum, localization, and infrastructure readiness (devices, connectivity, teacher training) remain areas for improvement.

With proper localization and offline functionality, Matific could reach excellent alignment.

Strategic alignment


	Y
	X

Scalability & Sustainability

Matific has good scalability and sustainability potential ($\approx 4/5$) in Ukraine.

It's a globally proven platform with strong technical capacity, multilingual support, and a sustainable business model. However, full success in Ukraine depends on **infrastructure readiness, localization, teacher training, and affordable access.**

With proper local adaptation, it could reach **excellent scalability and long-term sustainability (5/5).**

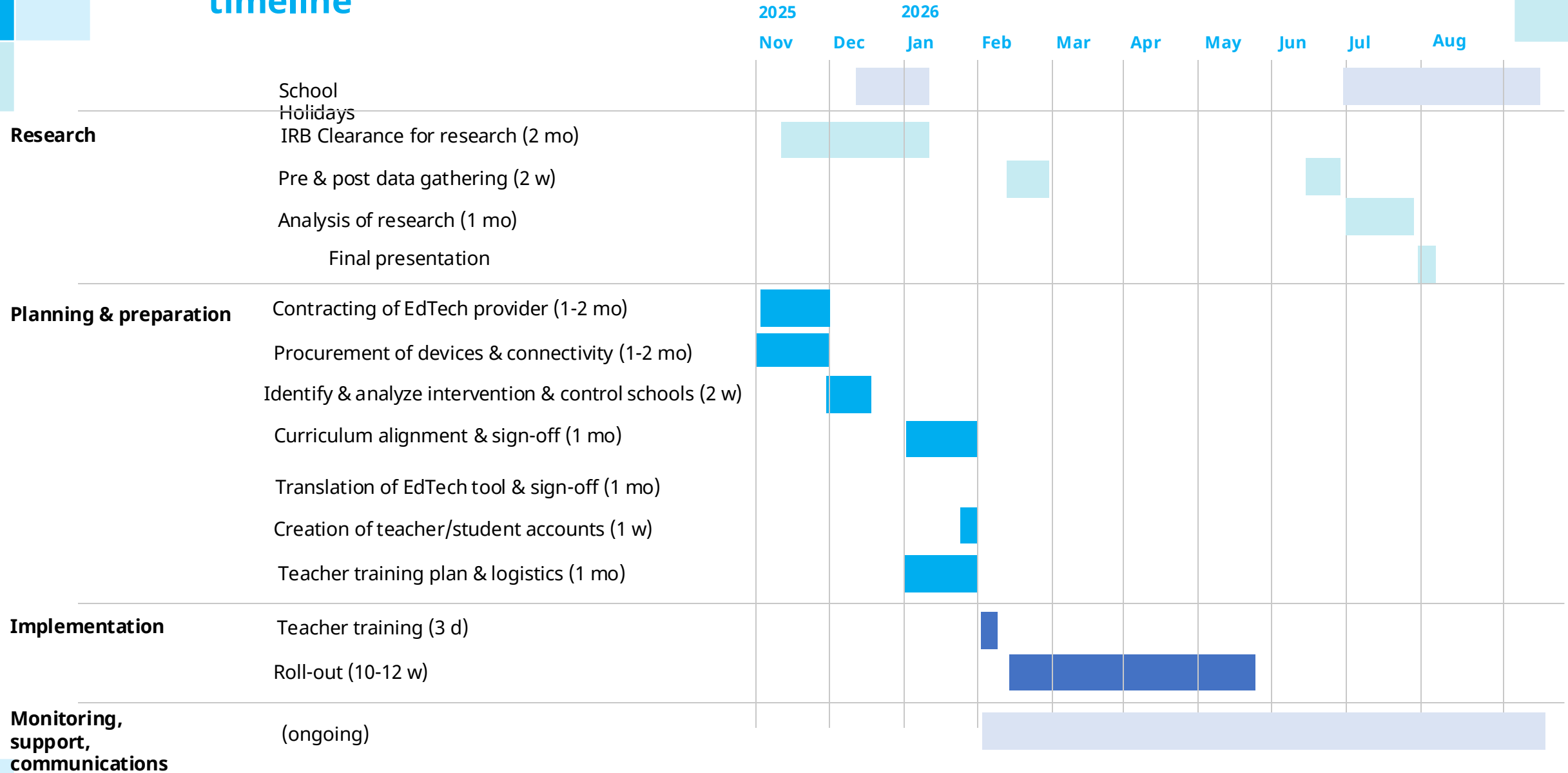


Matific demonstrates strategic alignment with Ukraine's educational needs. It effectively supports early math education through adaptive learning, data-driven teacher analytics, and multilingual access — all of which align well with Ukraine's goals for digital transformation and inclusive education.

However, to achieve full alignment, further localization is needed to reflect the Ukrainian national curriculum, along with enhanced offline functionality and teacher training to address infrastructure and connectivity challenges. With these improvements, Matific could reach excellent strategic alignment with Ukraine's education priorities.

Implementation Model

timeline



Exercise materials



Implementation Model

School selection and set-up

Sites and scale: Pilot sample to be chosen among in **8 regions of Ukraine where UNICEF operates**, Pilot includes about **10-15 schools** representing online/hybrid/remote learning modes.

Students from schools which received the tool and did not receive the tool will be assessed.

Context:

Teacher digital literacy varies — many need short training. Device access and internet quality differ between regions, especially rural ones. The platform must support **Ukrainian language**, flexible device use (PCs, tablets, smartphones), and **offline or low-bandwidth modes** to ensure inclusion.

Infrastructure:

Leverage existing national programs on school digitalization (e.g. MinDigital, MoES initiatives providing laptops and Wi-Fi). Collaborate with regional education hubs to use available computer labs.

Adjustments: ensure stable internet, offline access in low-connectivity zones, and teacher onboarding for smooth rollout.

Gather and analyze existing data on school enrolment (matricula), teacher digital skills and readiness, and available devices, connectivity, and IT support to inform planning, training, and equitable resource allocation.



Implementation Model

People, coordination, buy-in

Country Team:

Ministry of Education and Science, Ministry of Digital Transformation, UNICEF Ukraine, regional/local education departments, schools, CDTOs, research partners, and local EdTech organizations, committing 10–20% of their time to coordination and implementation.

Buy-in: Stakeholders and decision-makers who need to be regularly updated



Commitments

Who does what by when

3–5 actions with owner, deadline,
resource need, success signal.

Example signals: % teachers
onboarded, % classes using weekly,
% learners completing set tasks.



Considerations

Risks, dependencies, approvals

Top three risks, each with mitigation/decision needed (e.g., device availability, connectivity, policy sign-off).

Name the decision-maker and target date.



Timeline and Checkpoints

Milestones to consider

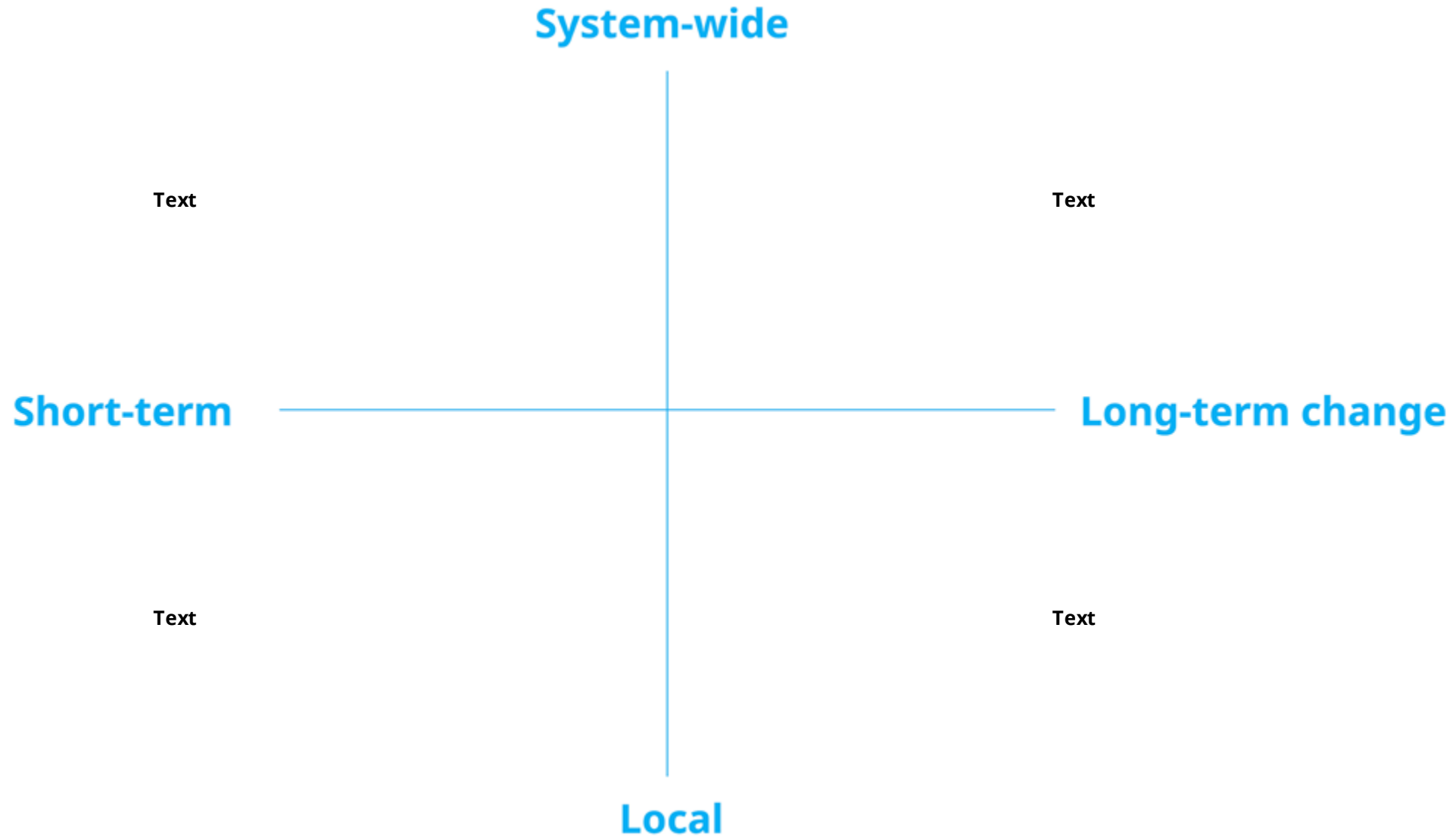
**After Camp: +30 / +60 / +90 days
and a 6-month review.**

Add dates for learning review and a
go/no-go for scale.

Education Matrix

Near term change: concrete, low-friction steps (offline/low-bandwidth options, teacher guides, rural facilitation, quick checks).

Long term change: system level governance, standards, integration, financing, pipelines.



Background material

Expanding on the Vision

A modern, accessible, secure, ecosystem

VISION

UKRAINE HAS A MODERN, ACCESSIBLE
AND SECURE DIGITAL ECOSYSTEM OF
EDUCATION AND SCIENCE

that integrates teaching and research, promotes
innovation, ensures effective management, and
builds competencies for a successful future.

Ukraine's vision is a modern, accessible and secure digital ecosystem where up-to-date, human-centred tools work invisibly in the background.

Every learner and teacher can use them easily (including offline and in low-connectivity settings, and for learners with special educational needs) with data and privacy protected to build trust.

Schools, ministries and partners are connected so classroom practice and national systems develop as a coherent ecosystem.

- **Modern:** Up-to-date, human-centred tools that work quietly in the background.
- **Accessible:** Easy for everyone to use including learners with special educational needs, internally displaced persons, and those in low-connectivity/offline contexts.
- **Secure:** Trusted by design with strong privacy, ethical data use and clear governance.
- **Ecosystem:** Schools, ministries and partners are aligned so that classroom practice and national systems are connected.



Expanding on the Vision

The vision - in detail

Modern

A modern system keeps digital tools, infrastructure, and content up to date with new realities. It is human-centred, aligning with global trends while addressing the needs of Ukraine's teachers, learners, and parents.

All digital services are convenient, invisible, and intuitive. They work reliably in the background so that users can focus on learning and teaching rather than technology.

Modern also means tackling digital inequity by ensuring equal access to quality digital content and literacy across all regions.

Accessible

Accessibility means that every learner, teacher, and parent (including vulnerable groups, veterans, internally displaced persons (IDPs), and those with special educational needs) can benefit from digital education.

It ensures the continuity of learning regardless of circumstance,

Secure

Security resolves around trust. Secure systems safeguard privacy, ensure ethical data use, and create confidence in digital solutions.

A secure digital ecosystem promotes safe interaction for children and teachers, while establishing clear, transparent processes for how information is stored and shared.

Ecosystem

Ukraine's vision recognises that digital transformation is about an interconnected ecosystem linking schools, ministries, teachers, students, and private-sector partners.

School administrators play a crucial role as the backbone of the system, ensuring coherence between classroom practice and national digital infrastructure. The ecosystem evolves together: modern, accessible, and secure by design.

Sustaining the Vision

A systemic approach

FROM
REACTIVE
SOLUTIONS TO



SYSTEMIC
APPROACH



Ukraine's next step is to move from reactive, project-based responses toward a **systemic approach** to digital education transformation. One that empowers teachers, strengthens governance, and builds long-term capacity to sustain change.

Key points:

- Shift focus from emergency responses to long-term systemic transformation.
- Embed digital leadership and governance at every level (national, regional, school).
- Build teacher digital competencies and motivation for change.
- Address learner recovery by ensuring equitable access and personalised learning.
- Strengthen the technical workforce and retention of skilled people to sustain innovation.
- Ensure transformation is funded, data-driven, and supported by cross-ministerial collaboration.

Challenges in Education

How Ukraine will build competencies for a successful futures, linked with strategic goals.

Ukraine's vision is to turn today's challenges into the foundation of strength to build the **digital competencies** that empower every learner, teacher, and school to shape a modern, secure, and human-centred education system.

By investing in skills, trust, and innovation, Ukraine is preparing a generation ready to lead in a connected, ethical, and future-ready world.



Key points in discussing the challenge landscape:

- **Infrastructure and access:** War-damaged infrastructure, plus unstable power/connectivity, disrupt consistent learning especially outside cities.
- **Capability gaps:** Wide variation in digital literacy; low teacher motivation and limited professional development, with a sizeable near-retirement cohort resisting change.
- **Trust and safety:** Low trust in digital products and data use; heightened cybersecurity risks (need **safety-by-design**)
- **Fragmented ecosystem:** Many devices and platforms, few shared standards. Compromised interoperability reduces system-wide gains.
- **Ethical, sustained change:** Solutions especially with private sector collaborations must be ethically tested and scaled deliberately with clear processes, patience, and long-term commitment.

Education Matrix: Ukraine's path forward requires aligning short-term recovery with long-term systemic transformation: connecting classrooms to governance, and digital tools to human competencies.

System-wide

Future-proofing: Continuous evolution of infrastructure, content, and systems for resilience and adaptability.

Support mechanisms: Need for *constant technical support* and user feedback channels to help teachers adapt.

Early evaluation frameworks: Need to start defining *ethical standards* and validation criteria for EdTech tools ("trust by design").

Data-driven management: Governance of education and science grounded in analytical data.

Sustainable investment: Long-term funding models to retain talent and embed transformation beyond crises.

Coordinated rollout: How fast can new technologies be introduced without overwhelming educators?

Governance & leadership: Establish roles such as *digital transformation officers* and *regional CTOs* to coordinate efforts.

Digital competencies as a foundation: Ensure every learner, teacher, and policymaker has the skills to thrive in a digital world.

Showstoppers: Connectivity and motivation are the biggest barriers to quick success.

Digital infrastructure gaps: War damage and unequal access between urban and rural regions.

Holistic ecosystem: Connect schools, ministries, and platforms into one digital space ("*Mriia* ecosystem").

Ethical innovation: Certification and evaluation processes for safe, transparent, and trustworthy EdTech.

Short-term

Long-term change

Teacher motivation & readiness: Low motivation to adopt EdTech; 30% nearing retirement resist new tools.

Hybrid learning needs: One-third of learners study remotely — schools must support mixed modalities effectively.

Learner recovery: Addressing unequal access and lost learning through inclusive, personalised pathways (e.g. *Mriia*).

Private sector engagement: Local partnerships that respect ethics, data security, and affordability.

Teacher motivation & readiness: Low motivation to adopt EdTech; 30% nearing retirement resist new tools.

Building trust from the ground up: Schools as testing grounds for safe, user-friendly, human-centred solutions.

Professional development gaps: Limited structured training for teachers; need simple, time-saving, teacher-centred solutions.

Classroom-level trust: Teachers and parents need reassurance that tools are safe, transparent, and worth the effort.

Teacher competencies: Building digital skills and confidence through sustained professional development.

Digital inclusion: Tools must remain *free, accessible, and usable offline* for every learner.

Local