



БОЛОВСРОЛЫН
ЯАМ

LIBERATE EVERY CHILD FROM LEARNING AND SKILL GAPS

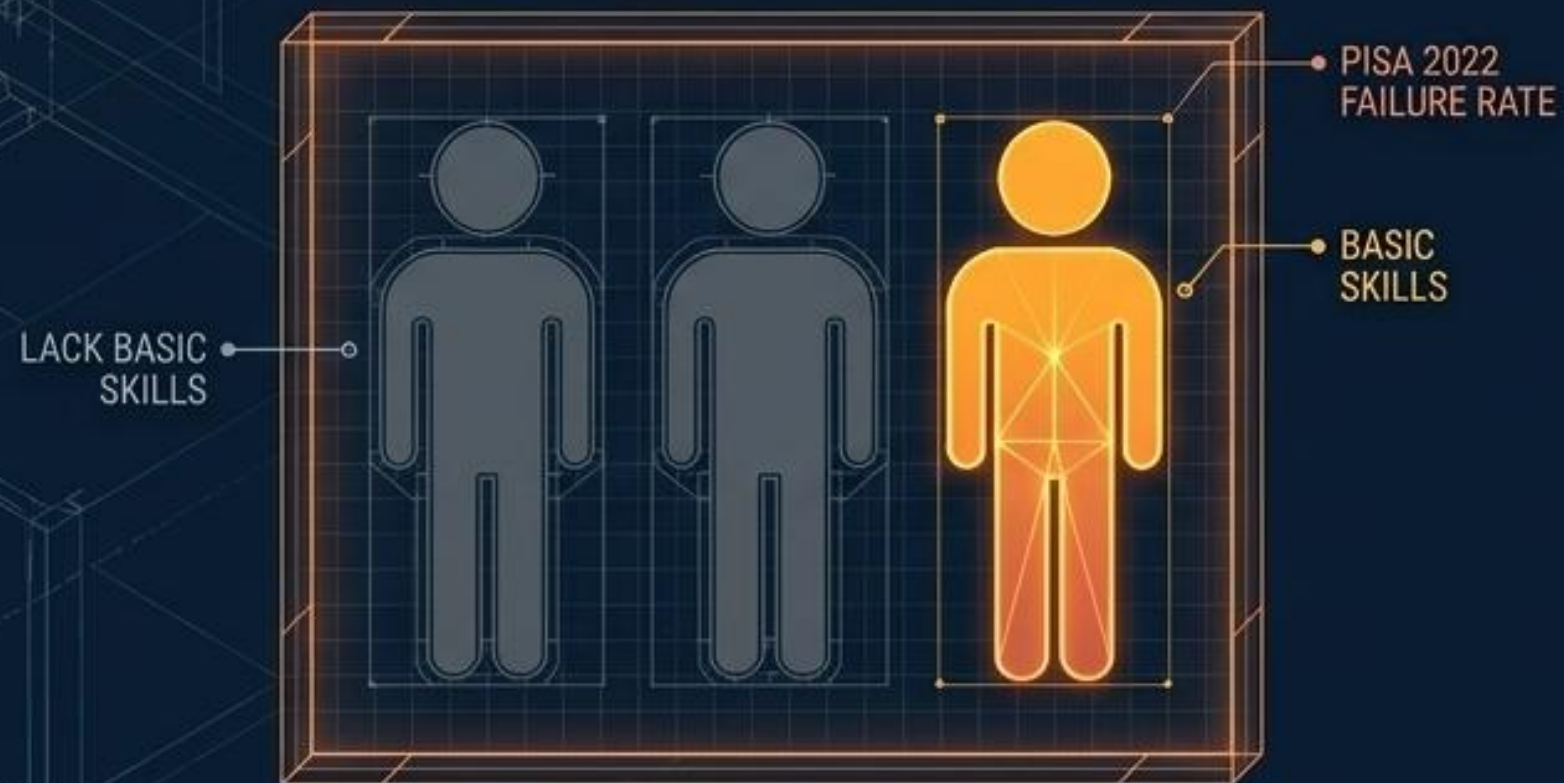
LOCAL EDUCATION GROUP MEETING
2026.05.08

OUR CURRENT SYSTEM IS FAILING TO TEACH THE FUNDAMENTAL SKILLS OF THE FUTURE

TAKEAWAY: THIS IS A STRUCTURAL KNOWLEDGE DEFICIT, NOT A STATISTICAL ANOMALY.

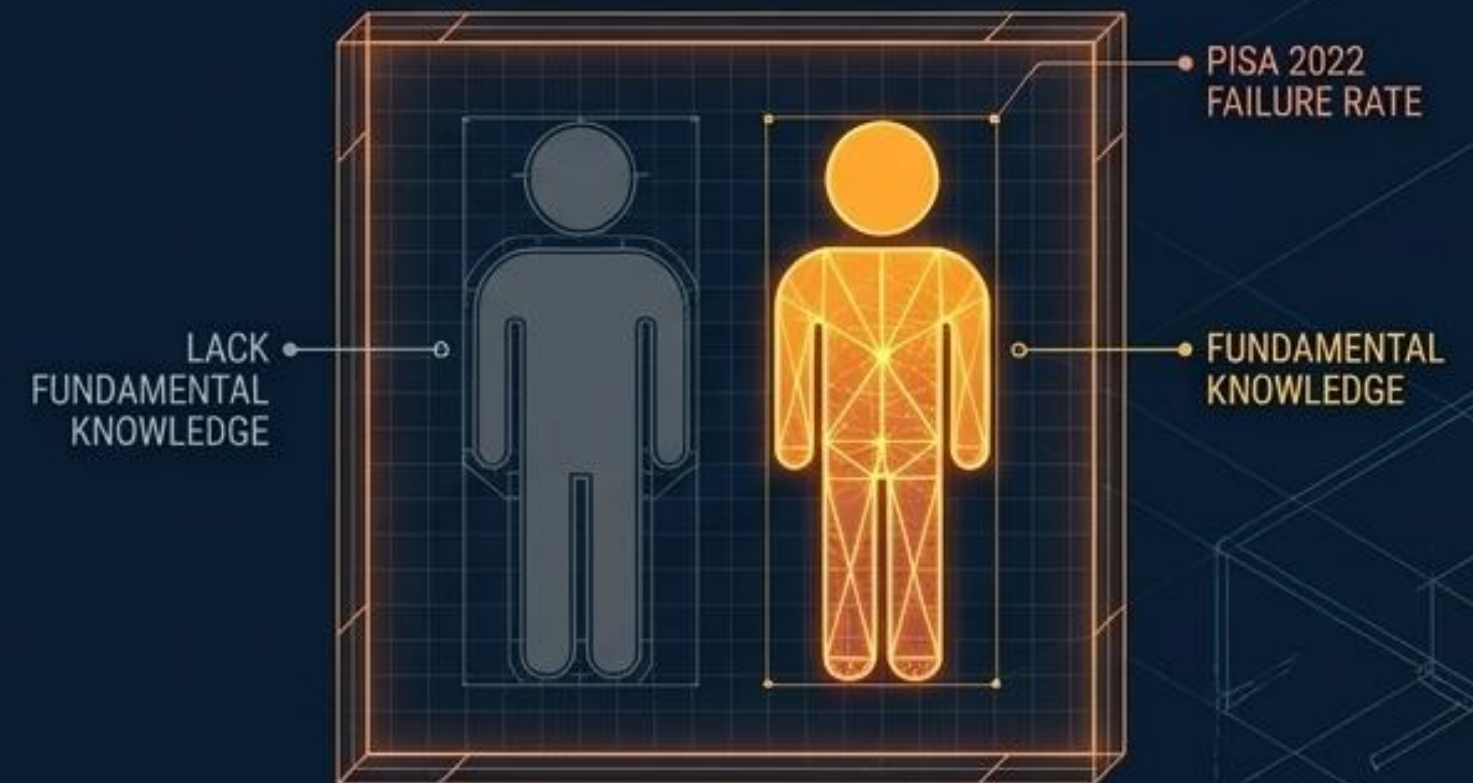
READING CRISIS

2 out of 3 students lack basic reading comprehension skills.

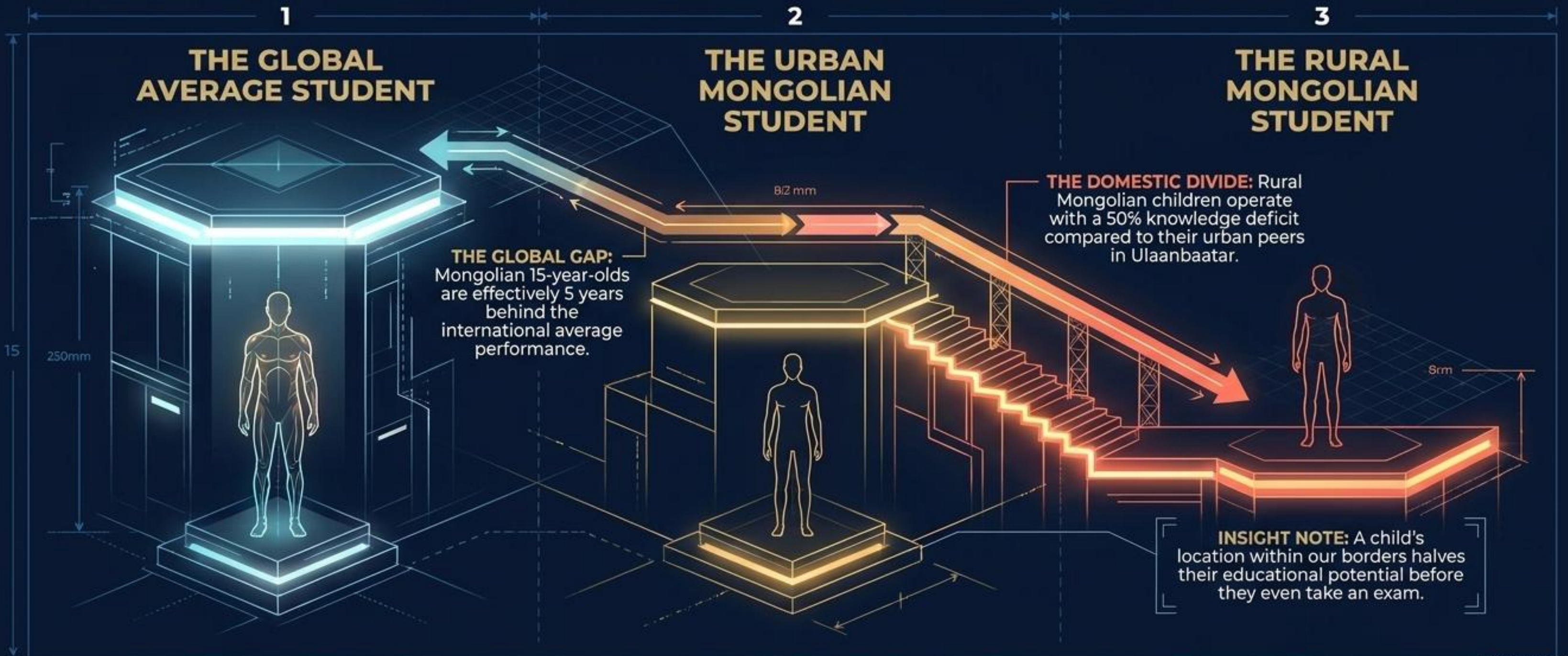


STEM CRISIS

1 out of 2 students lack fundamental math and science knowledge.



GEOGRAPHY DICTATES DESTINY IN THE CURRENT EDUCATIONAL LANDSCAPE



SIX INTERCONNECTED PILLARS FORM THE ARCHITECTURE OF THE NEW ECOSYSTEM

The Liberated Student

1. CURRICULUM

Accelerated ecosystem reform.

3. INFRASTRUCTURE

'School Near Home' and equitable access.

5. ASSESSMENT

AI-based progress tracking.

2. TEACHERS

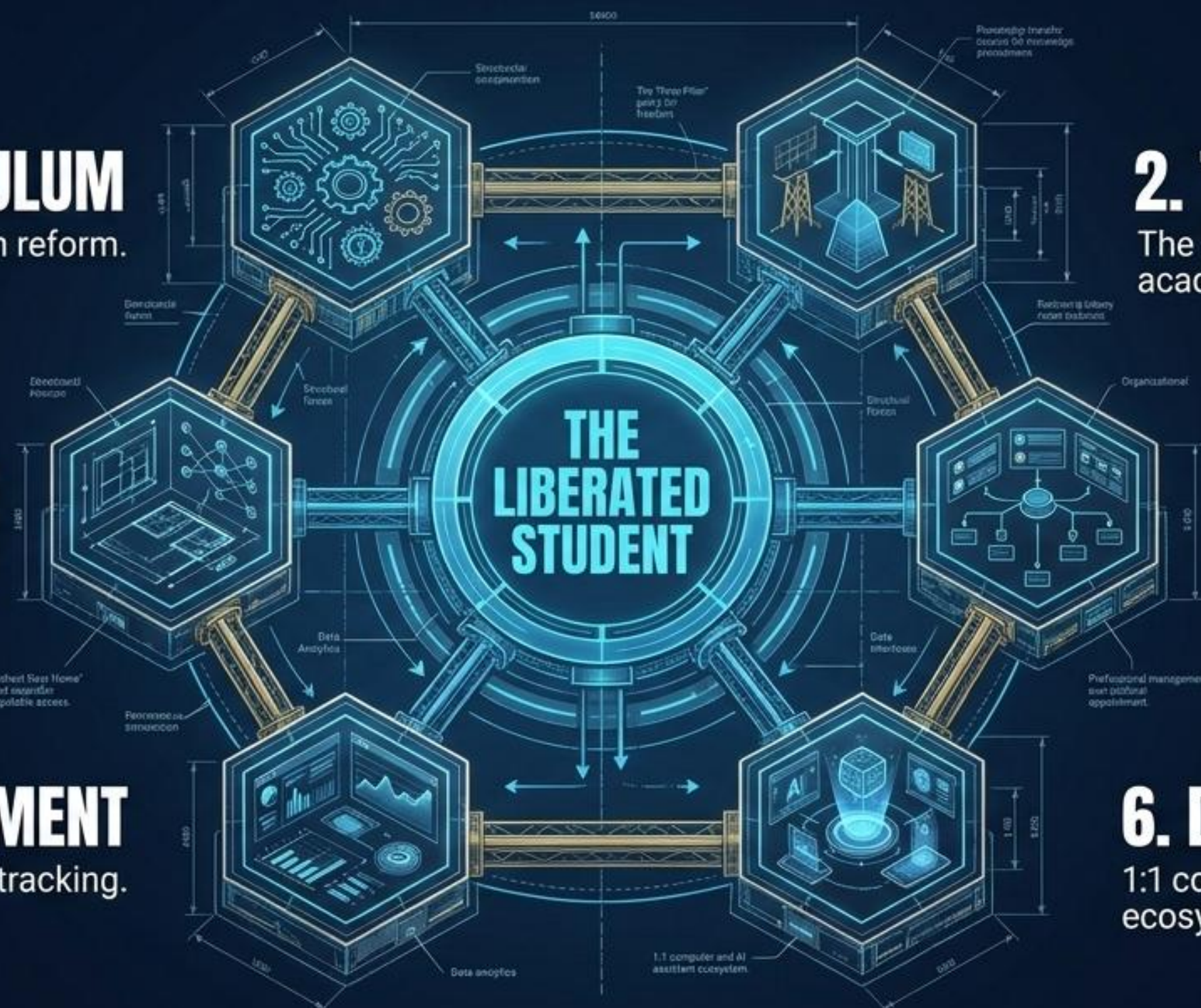
The "Three-Pillar" policy for academic freedom.

4. GOVERNANCE

Professional management over political appointment.

6. DIGITAL LEAP

1:1 computer and AI assistant ecosystem.



CURRICULUM REFORM ADAPTS TO THE PHYSICAL AND GEOGRAPHICAL REALITIES OF OUR YOUTH

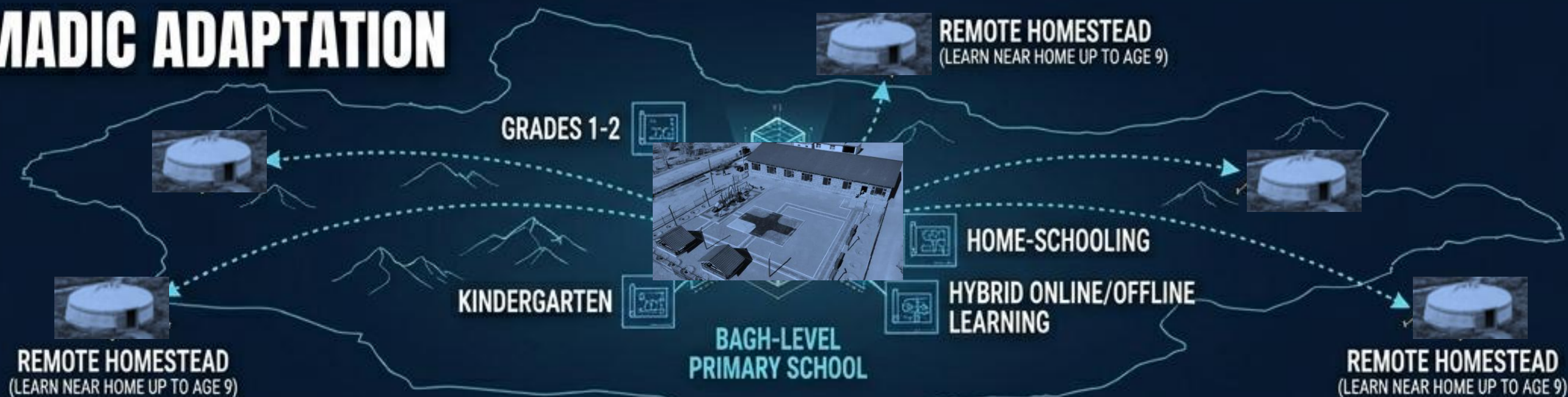
ROLLOUT TIMELINE

SEPT 2025: NATIONAL PRE-SCHOOL IMPLEMENTATION.

NEXT ACADEMIC YEAR: GRADES 1-2 NATIONWIDE.

FOCUS: EQUAL DEVELOPMENT OF PHYSICAL, MENTAL, AND INTELLECTUAL CAPACITIES.

THE NOMADIC ADAPTATION



VET (VOCATIONAL) REFORM PAIRS DIRECTLY WITH EMPLOYERS, INTEGRATING AI AND AUTOMATION INTO PRODUCTION TECH.

THE TEACHER THREE-PILLAR POLICY

removes administrative burdens and restores academic freedom



STATUS QUO
(ADMINISTRATIVE TRAP)



THE LIBERATE ERA
(ACADEMIC FREEDOM)

CORE ROLE:

Overloaded with paperwork and non-teaching duties.



CORE ROLE:

Strict norms protect teaching time and **academic freedom**.



SUPPORT:

Isolated.



SUPPORT:

One Teacher, One AI Assistant to value every hour spent with students.



ENVIRONMENT:

Vulnerable to parental pressure.



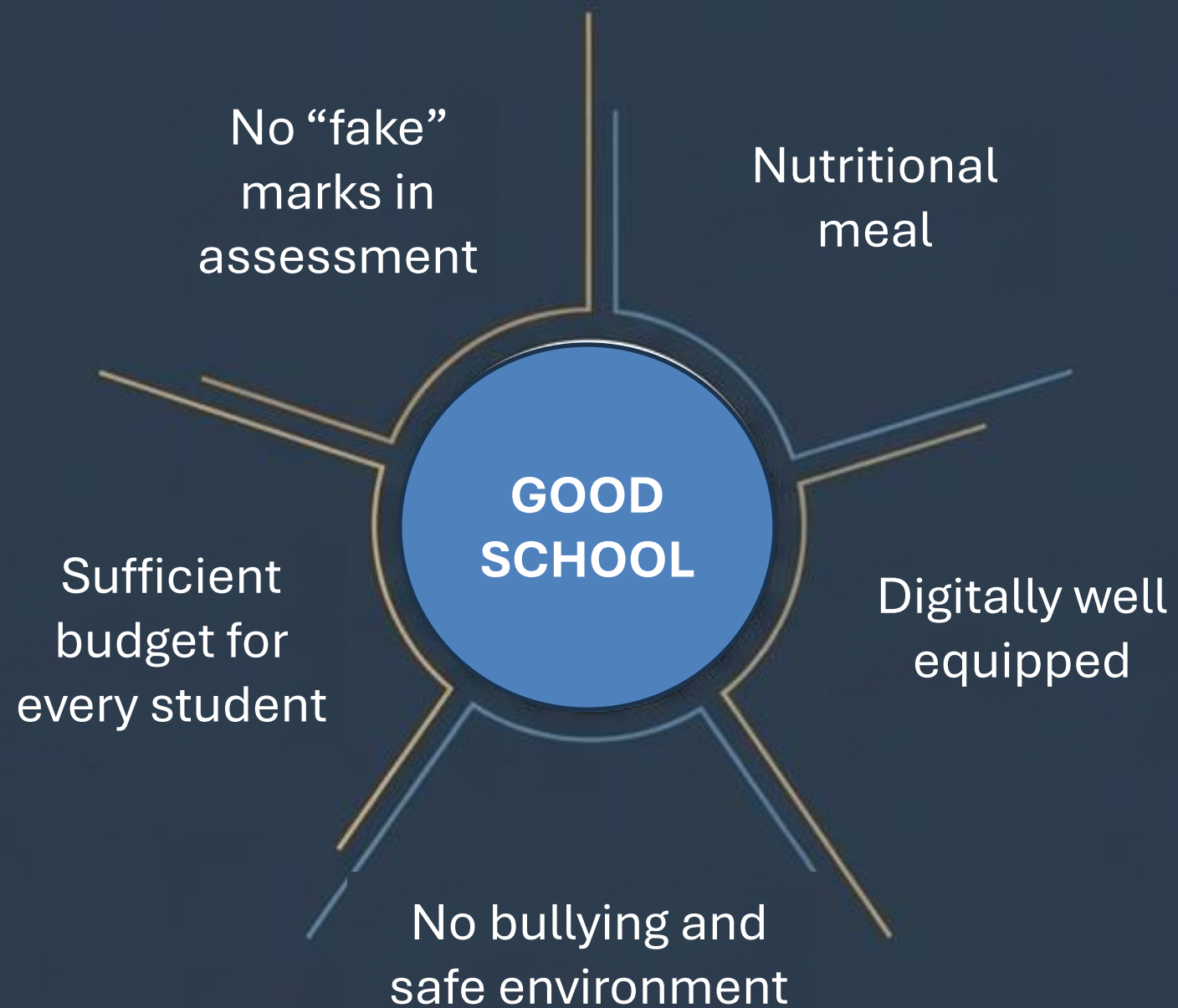
ENVIRONMENT:

Shielded from external harassment, safe working conditions.



VET (VOCATIONAL) REFORM PAIRS DIRECTLY WITH EMPLOYERS, INTEGRATING AI AND AUTOMATION INTO PRODUCTION TECH.

Good Schools with Standardized Environment



Restructuring schools

CITY: Restructuring UB schools with capacity of over 3000 students

Soum, Aimag: Restructuring 12-grade schools with capacity of less than 200 students; and establish 9-grade or kindergarten/primary school complex

Region, aimag, district: Establish high and specialized high schools with dormitories and teacher accommodations

Equity & Cost Feasibility in Minimum Standard Setting

Two criteria that shaped the most consequential threshold decisions

Equity focus

Example — Safe drinking water (Indicator 10)

Minimum set at **1 filter per 150 students**.

Calibrated to avoid penalizing soum schools where water access is structurally constrained.

National	Capital	Aimag	Soum
65%	70%	70%	62%

Soum schools fall below 70% — reflecting infrastructure constraints outside school control, not school-level failure.

Cost feasibility

Example: Teacher Devices (Indicator 5)

Minimum standard set to **1 tablet per teacher**. One laptop per teacher retained as aspirational standard.

\$2.4M

Minimum as
1 laptop : 1 teacher



\$922K

Minimum
1 tablet : teacher

60% cost reduction · \$1.4M released for sanitation and other priorities

Equity & Cost Feasibility in Minimum Standard Setting

Examples – Sink-to-Student Ratio (Indicator 11D)

Policy reference

MNS 6782:2019 defines sanitation facility requirements for school buildings, which was used as aspirational standard.

Minimum standard

1 sink per 90 students

Equity calibration: 70.1% of schools currently meet this threshold

Aspirational standard

1 sink per 40 students

Anchored to national standards requirements

	Schools in data	Below minimum	Below %	Units needed	Cost estimate	Avg units / school
Minimum (1:90)	681*	163	29.5%	855	\$695,721	5.2
Aspirational (1:40)	681	378	55.5%	3,781	\$3,076,634	10.0

*36 schools excluded from data due to missing regional/student data · Unit cost: \$758.1 per sink unit · Aspirational cost = upper bound only

SCHOOL MEAL EXPANSION GUARANTEES BASELINE NUTRITION FOR CRITICAL ADOLESCENT YEARS

BUDGET CORRECTION

Current budgets don't match market reality (61-80% spent just on meat).

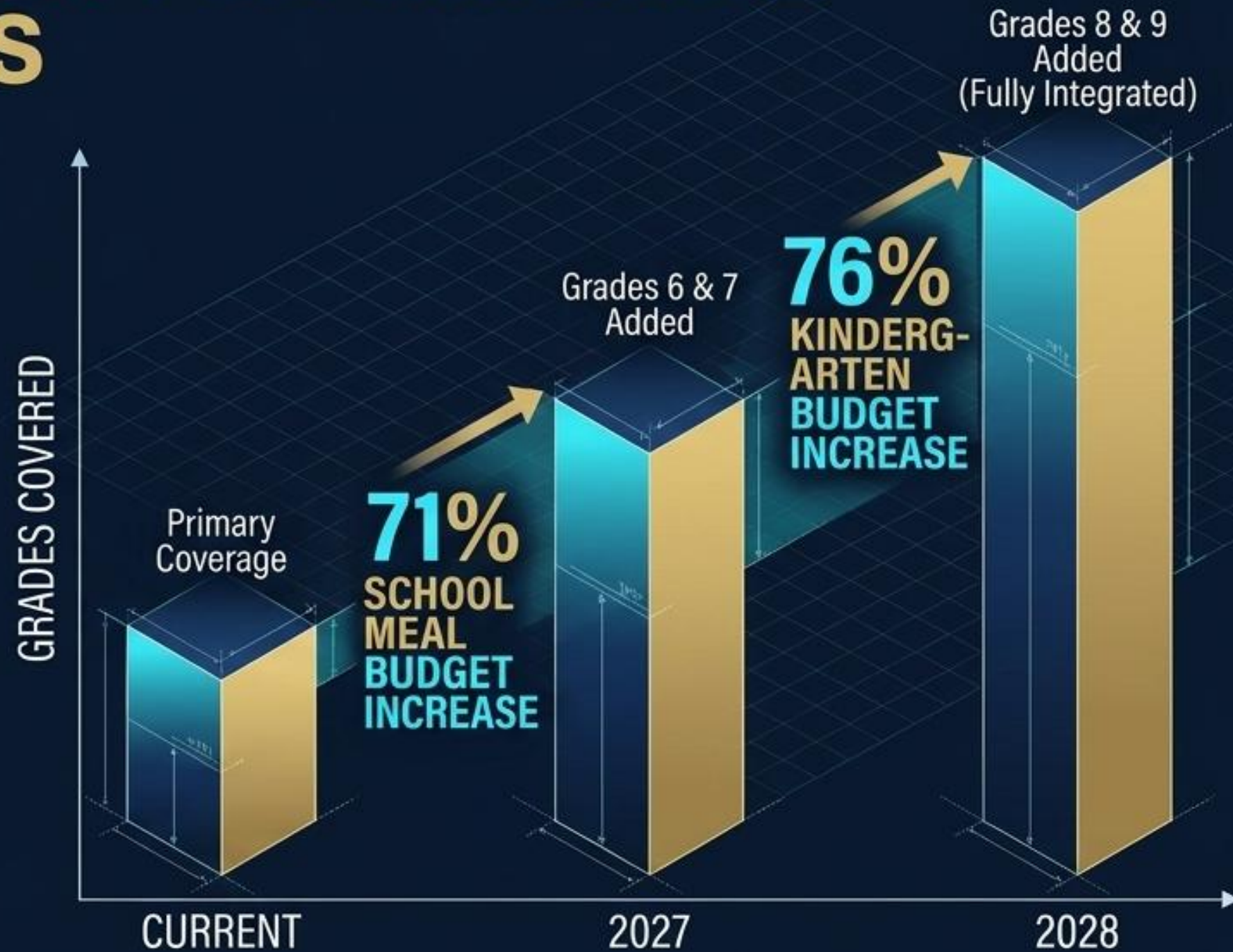
Funding a 71% increase for school meals and a 76% increase for kindergartens to ensure access to fruit and dairy.

MIDDLE SCHOOL EXPANSION

Expanding the School Meal Law to 140,000 older students.

2027 Target: Grades 6 and 7 included (114.6 Billion MNT requirement).

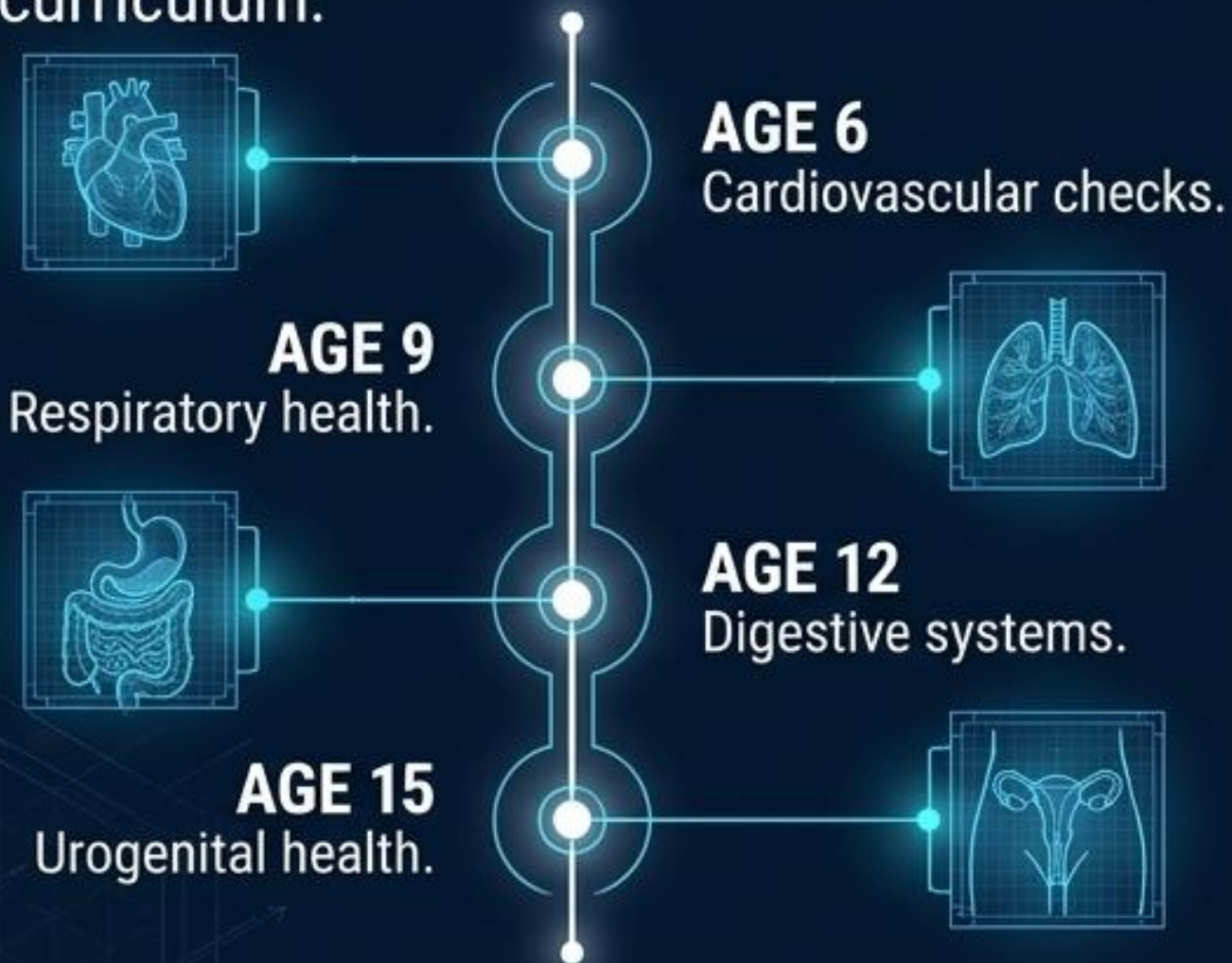
2028 Target: Grades 8 and 9 fully integrated.



TARGETED CLINICAL AND PSYCHOLOGICAL INTERVENTIONS DIRECTLY ADDRESS THE BULLYING EPIDEMIC

MEDICAL MILESTONES

Targeted age-specific health tracking linked to curriculum:



ANTI-BULLYING STRATEGY

THE REALITY:

9.7% of Mongolian youth face regular bullying (vs OECD 7%).
21.3% face lifetime exclusion.

THE RESPONSE:

Shifting from isolated counseling to whole-system legal frameworks, cyberbullying definitions, and continuous data monitoring.

INVESTMENT NEEDS BY 2030

Needs of New Buildings by 2030

203

БАРИЛГА

1,950.0

ТЭРБУМ ₮

БАГЦ 1,410.0

ТОНОГ
ТӨХӨӨРӨМЖ

ТЭРБУМ ₮

**НИЙТ
3'372.7**

ТЭРБУМ ₮

School Buildings

108

СУРГУУЛЬ

62'880

ХҮҮХЭД

Approved

22

СУРГУУЛЬ

To be approved

86

СУРГУУЛЬ

Kindergarten Buildings

95

ЦЭЦЭРЛЭГ

14'400

ОР

Approved

11

ЦЭЦЭРЛЭГ

To be approved

84

ЦЭЦЭРЛЭГ

Dilapidated Buildings

Й

(as recommended by Audit Authority, 2024)

School

Kindergarten

TVET School

103

СУРГУУЛЬ

207

ЦЭЦЭРЛЭГ

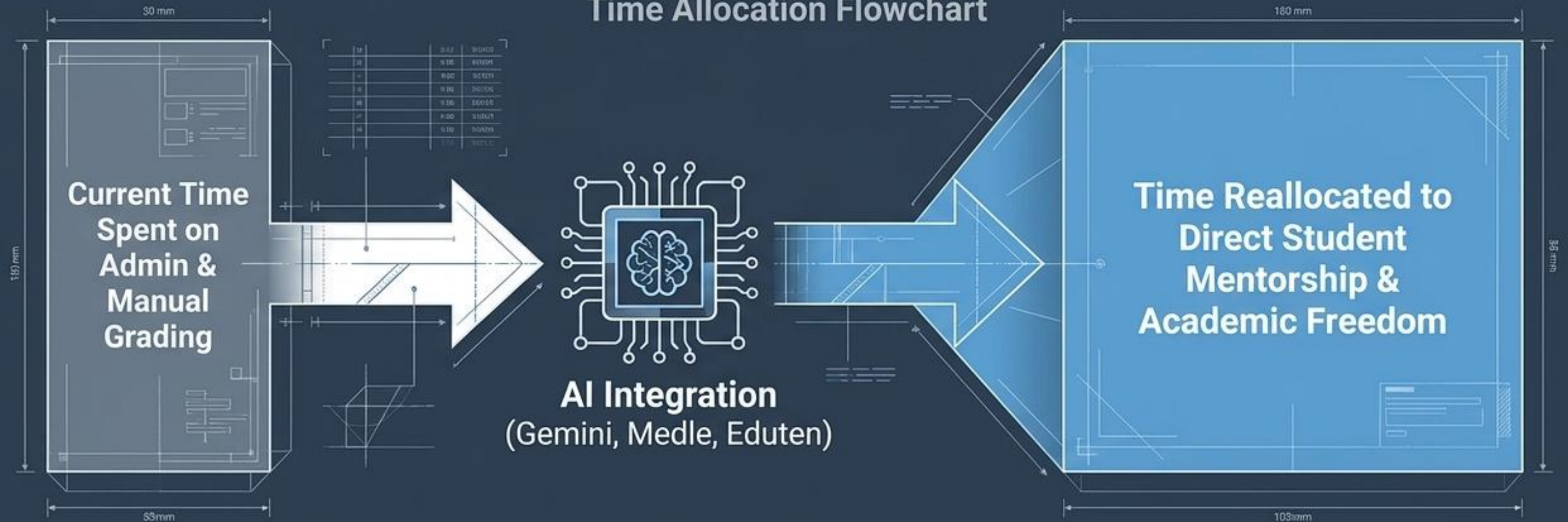
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МБС



Reimagining the Classroom: One Teacher, One AI

Time Allocation Flowchart



The 1:1 Hardware Strategy (Pillar 6)

Supplying 300,000 Chromebooks (2026-2028) ensuring 1 PC per 2 students, plus 1 smart board per classroom.

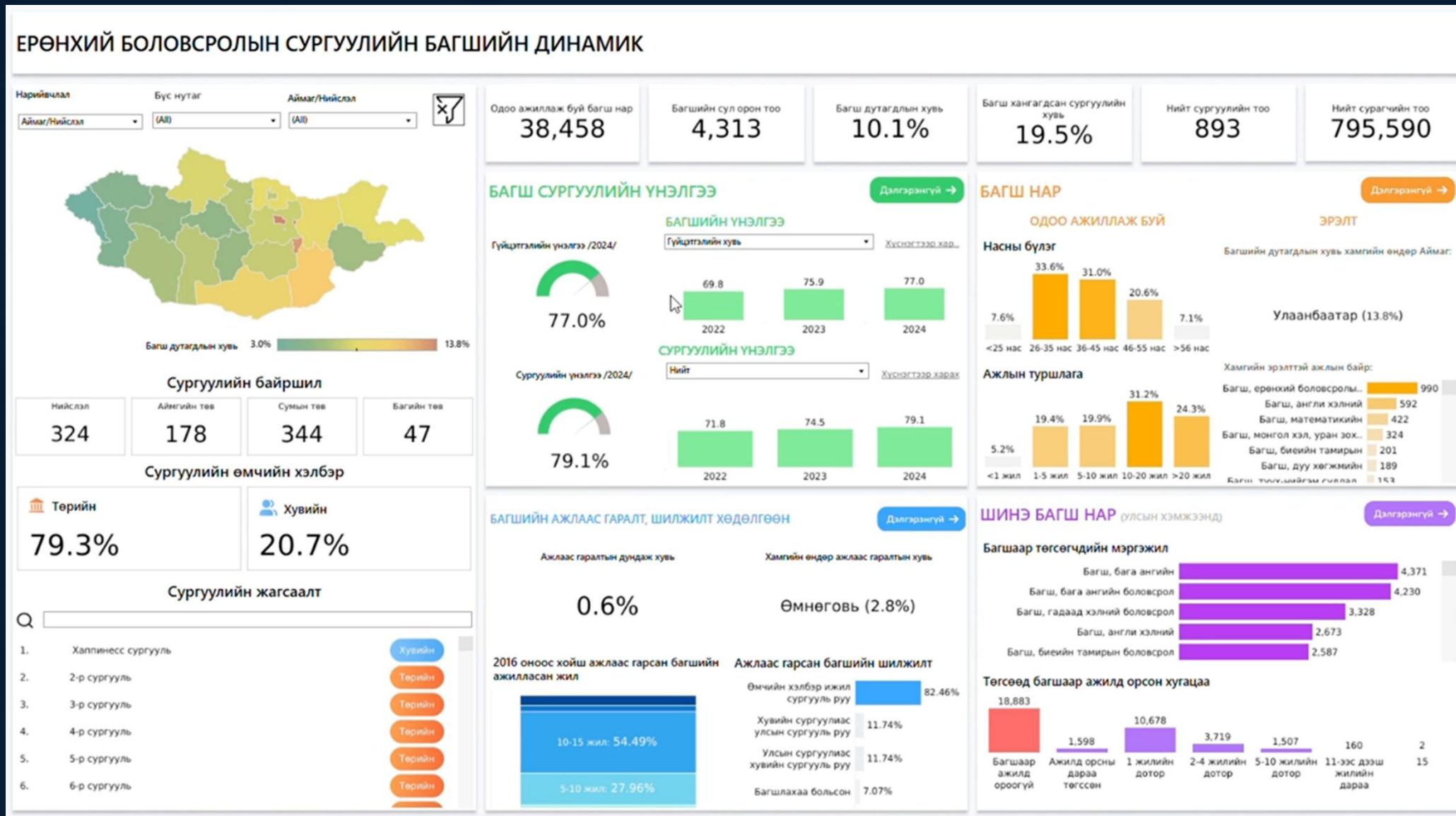


Human Capital Resolution (Pillar 2)

Resolving shortages via military service equivalence for rural deployment, and the "Teach Mongolia" expansion.

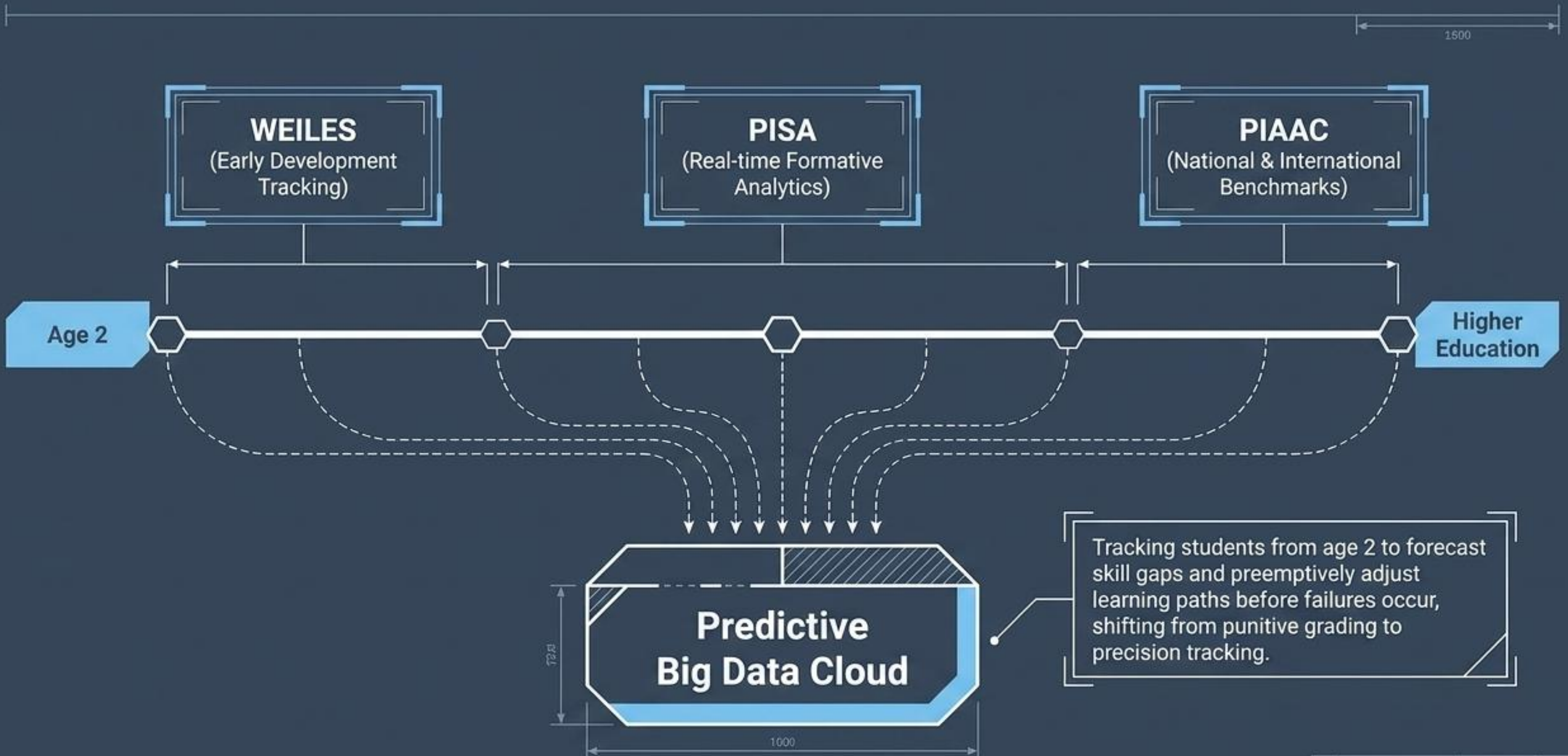


REAL-TIME DATA-DRIVEN DECISION MAKING

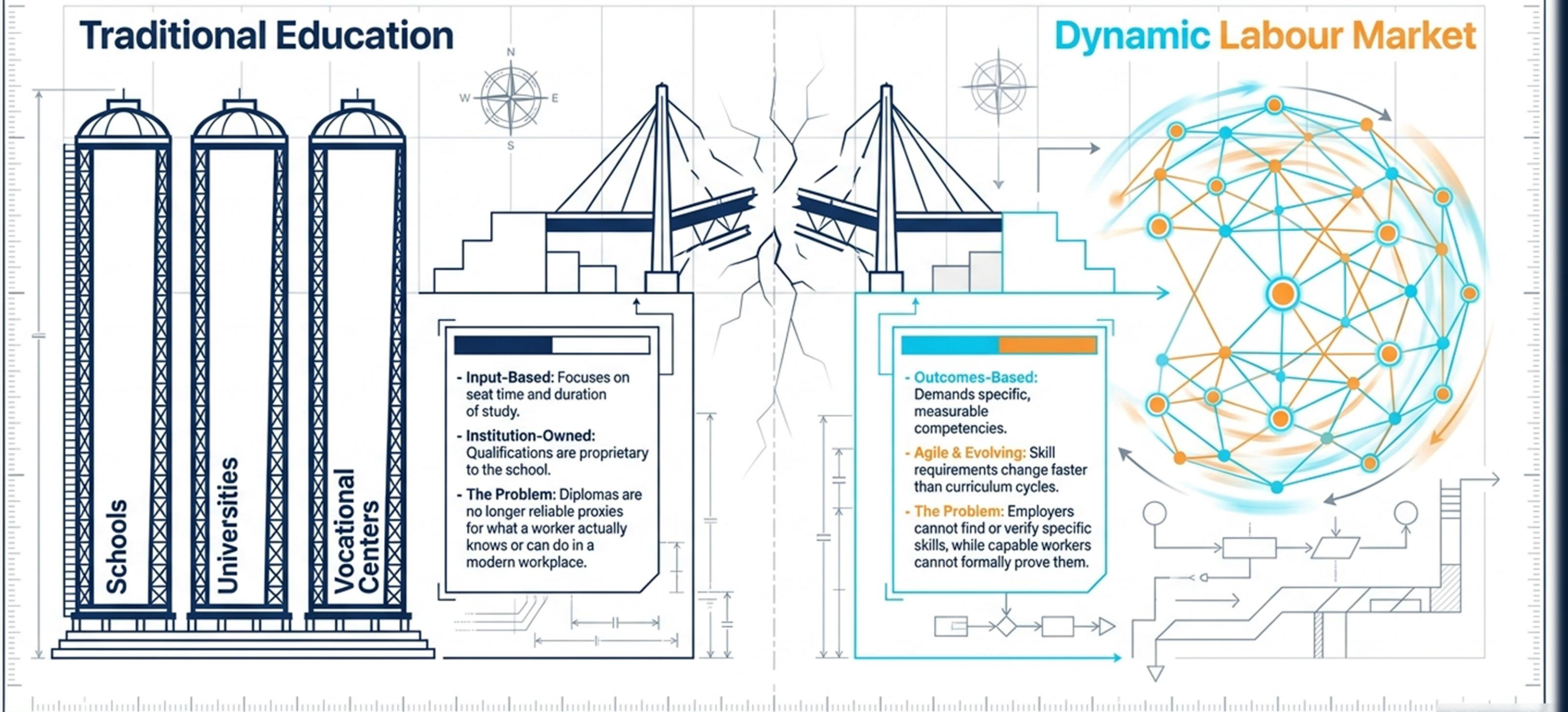


- ✓ PRE-PRIMARY
- ✓ PRIMARY AND SECONDARY
- ✓ TVET
- ✓ HIGHER EDUCATION
- ✓ LIFELONG LEARNING

Precision Tracking: AI-Powered Assessment & Big Data



The Skills Disconnect



The Systemic Leap: Education in 2022 vs. 2028

	2022 BASELINE	2028 LIBERATED STATE	
Curriculum	Rigid, rote learning	Adaptive, industry-aligned skill building	✓
Teacher Role	High administrative burnout	Academic freedom with AI assistance	✓
Infrastructure	Overcrowded urban, fragmented rural	Eco-campuses and optimized 9-year structures	✓
Assessment	Standardized manual testing	AI-assisted formative analytics & predictive tracking	✓
Student Support	Unmeasured well-being, hidden bullying	Monitored holistic health & enhanced nutrition	✓

The Liberate Integration Model

Synthesis: The Mongolian Education Ecosystem 2026+



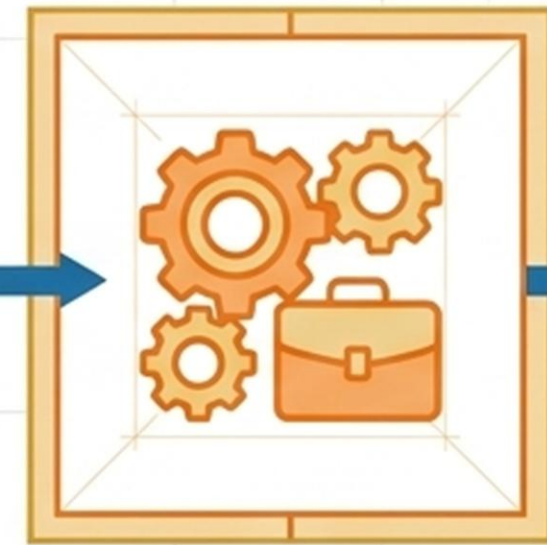
1. A student enters a structurally sound Model School (The Hardware/PPP).



2. They are guided by a Cambridge PDQ-certified Teacher (Pillar 2).



3. Their learning is hyper-personalized via AI Platforms (Pillar 1).



4. They graduate across the skills bridge directly into the Labor Market (Pillar 3).

Digital Innovation and Aligned Curricula cannot function without the physical hardware of the Model Schools.

The 5.5 Trillion MNT Engine: A Diversified Capital Stack

Financing Engine

