



國立臺中教育大學  
National Taichung University of Education

# Digital Transformation in Teacher Education

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# The Digital Learning Enhancement Plan for Grade 1-12

Led by the Taiwan Ministry of Education and National Taichung University of Education



Refine online learning materials

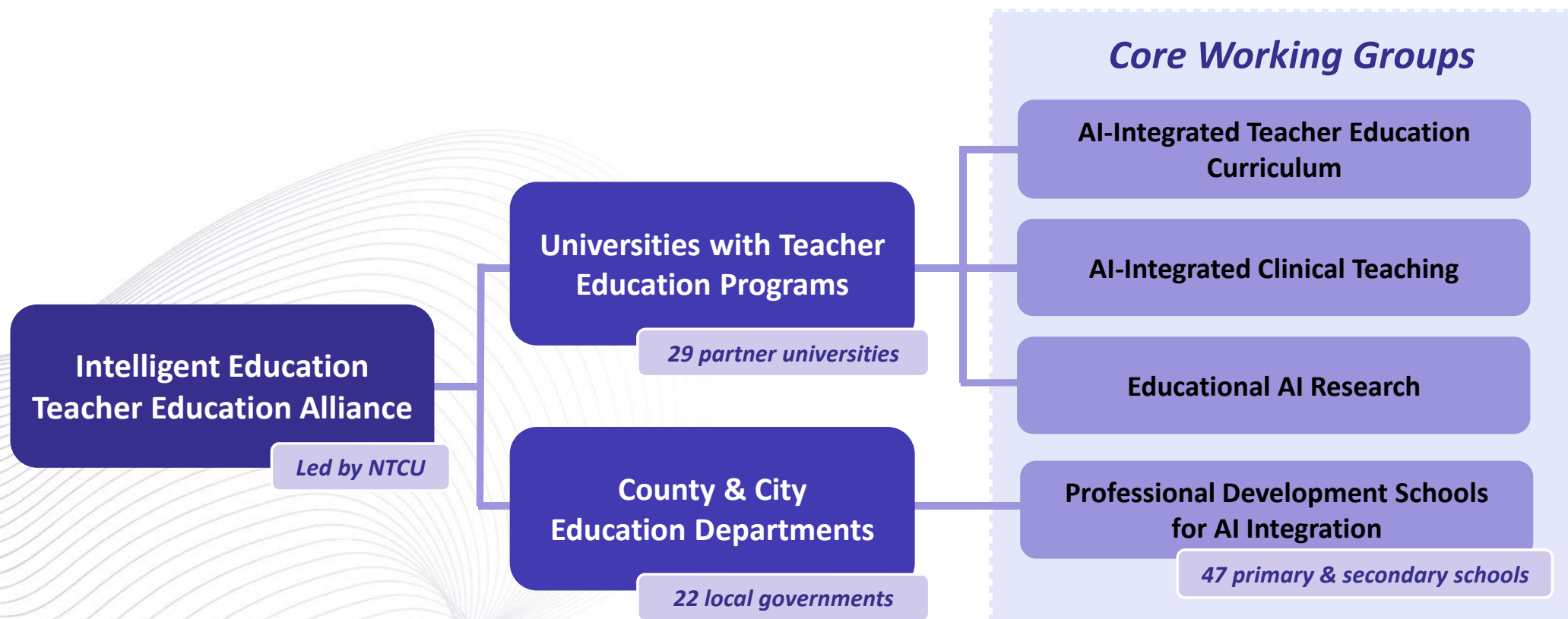
Lighten school bag

Provide multiple instruction

Elevate learning effectiveness

Narrow the urban-rural gap

# Teacher Education Alliance on AI for Education



Organizational Structure

# Digital Transformation in Taiwan's Teacher Education

## Course Innovation

**Refining curricula and integrating AI to build foundational readiness for transformation.**

- ✓ Revise teacher education curricula to embed AI competencies
- ✓ Offer training workshops to support course design and teaching practice
- ✓ Establish institutional systems to sustain AI-integrated teaching models

## Practice Engagement

**Strengthening application through clinical teaching, shared resources, and research.**

- ✓ Engage teacher educators in clinical teaching in G1–12 schools
- ✓ Develop Professional Development Schools as AI-integrated teaching sites
- ✓ Facilitate participation in shared AI resources and school-based research

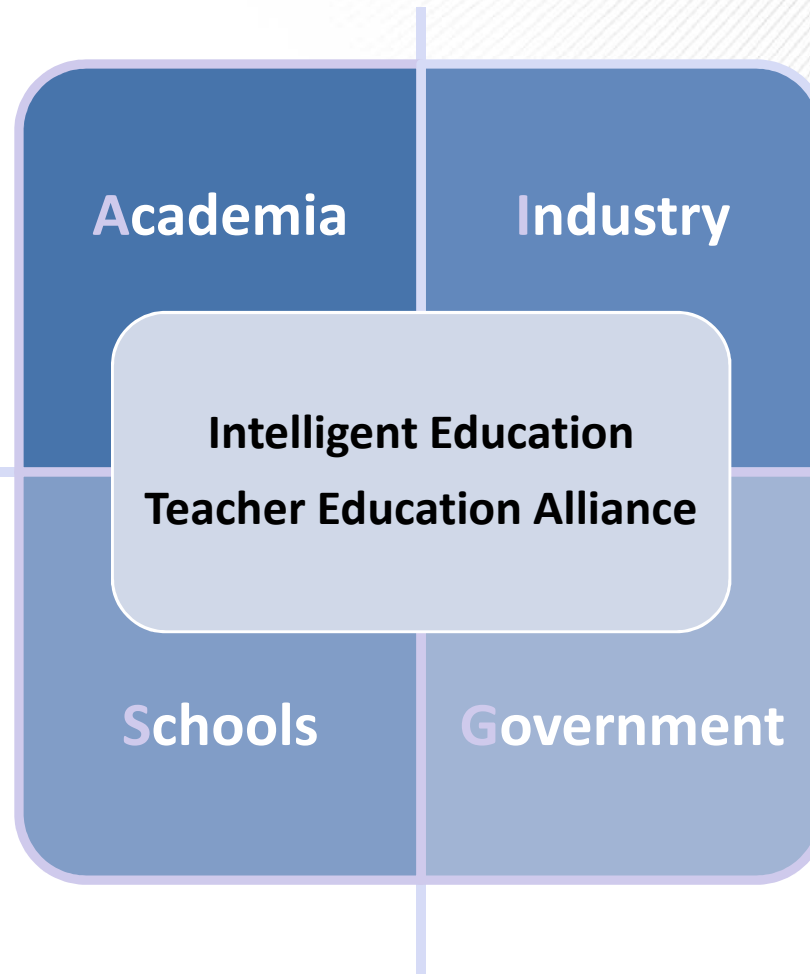
## Systematic Change

**Advancing sustainable reform through national alignment and cross-sector collaboration.**

- ✓ Institutionalize AIGS to coordinate cross-sector efforts in AI for Education
- ✓ Strengthen partnerships among universities, schools, and local governments
- ✓ Support long-term AI-integrated teaching across teacher education and schools

# AIGS Collaboration Model in Practice

- ✓ Deliver AI-integrated teacher education courses, and organize professional seminars.
  - ✓ Collaborate with partner schools to support AI-integrated teaching, share resources, and advance AI-based curriculum development and research.
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- ✓ Serve as AI-integrated teaching sites and support pre-service teachers in classrooms.
  - ✓ Support teachers and pre-service teachers in participating in AI-related training and teaching activities.



- ✓ Offer AI tools and technical support for education.
  - ✓ Work with universities and local governments to bring industry resources into AI-integrated teaching practices.
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- ✓ Develop local schools as core sites for teacher training and classroom innovation.
  - ✓ Support schools in building AI teaching capacity.
  - ✓ Align policies and resources with the alliance's AI education goals.





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**Thank you for listening**