

HOW CAN E-LEARNING AND DIGITAL
TECHNOLOGY HELP DEVELOP
SECONDARY EDUCATION?
- A CASE OF **VIET NAM**

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I. Why Viet Nam? Why Secondary Education?

- ❑ Viet Nam is one of most **successful stories of socio-economic development** in Asia for recent 2 decades
- ❑ ADB has been **leading development partner** for secondary education in Viet Nam
- ❑ Secondary education is the **critical subsector** – some graduates continue tertiary education and others enter labor market

2. Overall view on ICT supports in Viet Nam Projects

- ❑ ADB has provided about **10** secondary education projects to Viet Nam. Almost **all projects** include ICT components.
- ❑ ICT support have been explored in all key elements of secondary education: **(i) Access, (ii) Quality, and (iii) Management**
- ❑ **Target groups and level of application vary** depending on nature of the projects

3. Support to ICT (mid 1990- mid 2000)

For projects provided in mid 1990 to early 2000, major ICT components were (i) IT equipment provisions to small number of “model schools**” to give the students the ‘**informatic**’ subject and (ii) provision of national IT consultant to help Ministry of Education to develop **EMIS** (education management information system)**

4. Support to ICT (2006-Present)

- ❑ ICT has been more broadly used to **teaching, learning and planning** in ADB projects after 2006.
- ❑ ICT is considered not only as purpose (such as informatic and EMIS) but also as **tool/driver in improving education delivery, quality and efficiency.**



5. ICT for Education Planning and Management

- ❑ Use of ICT for education planning and management including **school construction**
- ❑ Development of **school clusters** in ethnic/remote areas through networking among local governments – cluster center schools – cluster schools for effective resource use



6. ICT for Improvement of Quality of Learning and Teaching

- ❑ Pre- and In-service **teacher training** using ICT
- ❑ Development of **item bank** for examinations
- ❑ Development of **e-learning materials** which are easy to be updated and distributed cost- and time efficiently
- ❑ Development of user-friendly **libraries**



7. Advance Applications of ICT

- ❑ Optimized test for **vocational** orientation
- ❑ e-Counselling and e-Mentoring for **ethnic minority** groups, particularly **girls**
- ❑ Development of **teaching simulation rooms** in teacher training universities
- ❑ **PISA** and national learning assessment system development and strengthening

8. Challenges and Issues

- Sustainability of ICT operations and impacts**
- Human resources with ICT skills and knowledge in the education sector**
- Private sector involvement**
- Equality in IT literacy**
- Confidentiality and privacy**

THANKS FOR LISTENING!

