

GIZ'S DIGITAL TRANSFORMATION (DX) SUPPORT ROADMAP FOR VOCATIONAL EDUCATION AND TRAINING IN VIETNAM



Highlighted results

2021

- Conduct research on the current status and policy framework of DX in the TVET sector.
- Develop an ecosystem of DX in TVET.
- Advise the development of national Program of DX in TVET, and DX strategies for 11 partner TVET colleges.
- Enhance awareness and DX capacity among TVET personnel.
- Support the development of Learning Management Systems (LMS), e-learning rooms, digital management platforms, and an Open Educational Resources (OER) platform for TVET partners.

2022

- Develop a Digital Literacy Training Module
- Develop an online self-paced learning course on fundamental knowledge of DX in TVET
- Organize capacity trainings on digital literacy and e-pedagogy for TVET staff and teachers
- Evaluate the progress and results of DX at 11 partner TVET colleges
- Develop a concept note of smart TVET colleges

2023

- Develop a set of criteria of digital TVET colleges
- Develop an Industry Advisory Board (IAB) portal for partner TVET colleges
- Organize capacity trainings on digital literacy and e-pedagogy for TVET staff and teachers
- Initiate community of practices (CoP) activities on the DX topic

2024

- Prepare technical inputs for the development of technical guidelines on: 1) developing digital teaching and learning resources, 2) Self-assessment of criteria of digital TVET colleges, and 3) E-Teaching design in blended training environment.
- Digitalize and organize the Digital Literacy Training Module in blended learning format on the Atingi platform.
- Develop an online self-paced learning course on “AI Applications for TVET Teachers” on Atingi platform
- Develop a mobile application (Mobileapp) of the Industry Advisory Board (IAB)

Activity category

2021

2022

2023

2024



Strategic and policy advice

- Research on the status quo of DX in the TVET system
- Conduct fact-finding activities on DX at 11 partner TVET colleges
- Conduct a policy review on DX in the TVET system
- Develop a holistic approach to the ecosystem of DX in TVET.
- Advise the development of the national Program of Digital Transformation in TVET during 2021-2025, with a vision to 2030 (approved by the Prime Minister under Decision 2222/QD-TTg),
- Advise 11 partner TVET colleges on the development of their DX strategies

- Evaluate the implementation progress and results of DX at 11 partner TVET colleges
- Develop a concept note of smart TVET colleges
- Evaluate the effectiveness of distance learning and self-guided learning activities in TVET according to Circular 33/2018/TT-BLDTBXH.

- Develop a Digital Literacy Training Module for college and intermediate TVET students.
- Develop a set of criteria of digital TVET colleges

- Develop a self-assessment guideline on criteria of digital TVET colleges
- Develop a guideline on e-teaching design in blended learning environment
- Develop a guideline on developing digital teaching and learning resources for TVET teachers



Capacity training for TVET personnel

- Support the Directorate of Vocational Education and Training (DVET) for the organization of the national competition on developing e-teaching lesson for TVET teachers.

- Develop online 04 self-paced learning courses on Digital Transformation in TVET, Basic Green Skills, Inclusive Teaching, and Pedagogical Skills for in-company trainers

- Capacity training on specific topics such as developing digital teaching and learning materials, using LMS and OER, and e-pedagogies.

- Digitalize and organize the Digital Literacy Training Module in a blended learning format on the Atingi platform
- Develop an instruction course on e-teaching design in blended learning environment on the Atingi platform

- Organize 115 events on DX (55 seminars and webinars, 60 training courses) for DVET and 11 partner TVET colleges. 5,400 TVET managers, staff and teachers completed and received certificate on the self-paced learning course on fundamental knowledge of DX in TVET on the Atingi platform.



Technical advice and support for the development of digital solutions

- Support 11 partner TVET colleges to setup new and upgrading 11 e-learning rooms
- Support 02 partner TVET colleges for cloud server solutions
- Support DVET for the establishment of a video conference room

- Support the development of digital management platforms for 04 partner TVET colleges
- Support the development of learning management systems for 05 partner TVET colleges
- Support the development of an Open Education Resources (OER) platform

- Support 02 partner TVET colleges for develop a training management system
- Support 01 partner TVET college to upgrade LMS
- Develop the Industry Advisory Boards portal

- Upgrade new functions and develop a mobileapp for the IAB Portal
- Advise on the development of a website and protocol that facilitates the community of practice activities on the DX topic