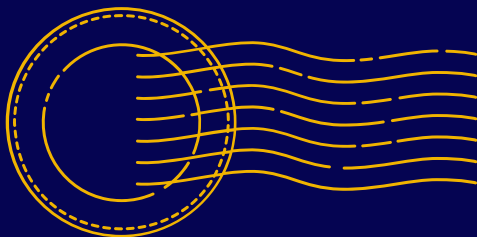


PASSPORT



**2025 INTERNATIONAL ROADSHOW:
DIGITAL MEDIA IN TVET**





bibb Federal Institute for
Vocational Education
and Training

2025 INTERNATIONAL ROADSHOW

Name:

- Collect all **6 stamps** by visiting every exhibition booth.
- Provide your feedback at the end of the roadshow.
- Use this passport to jot down quick ideas.

Blended Learning & Green TVET School

École d'Hôtellerie et de Tourisme Paul Dubrulle
(Cambodia)



Let's Practice!

Practice the new words by completing the task below.

Type the following words in the blanks: guest details, specials, booking, terrace, menu, wine list. Notice: T word is EXTRA!

A new customer comes to Casa Limón. Marina meets him at the reception:

"Welcome, sir! Do you have a []?" "Yes, I have a table for four. My name is Jason Tan." Marina checks [] in her notes. "Sure sir. Please follow me." 5 minutes later: "Here is the [] sir." "Thank you. Can I also have the []?" "I would like to order a glass as I am waiting for my friends to arrive."

"Certainly, sir! Here are also our [] we have a promotion for white wine today!" "Wonderful!"

Finish Quiz

About **Blended Learning & Green TVET**

The digital initiative combines blended learning with green practices in vocational education, offering students flexible access to online theoretical content while dedicating classroom time to interactive sessions and hands-on workshops that strengthen real-world application. By embedding environmental awareness and practical "green tips" throughout the training journey, the program not only enhances the quality of learning but also fosters sustainable behaviors, aligning with our commitment to a forward-looking and environmentally responsible TVET model.

Why it Matters [for Participants]

Implementation Requirements

1. Internet
2. Laptop or Tablet
3. Any of the following platforms:
 - o Moodle
 - o Genially
 - o Topsy
 - o Rosetta Stone
 - o Lxlabs
 - o LQA

Cost / Investment Ballpark

500 USD for the platform per student/
year + cost of 1 computer or tablet per
student

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

For any inquiries, please contact:

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Social Media Accounts:

- www.facebook.com/EcolePaulDubrule/
- [@ecolepauldubrule](https://www.instagram.com/ecolepauldubrule)
- www.linkedin.com/school/ecolepauldubrule

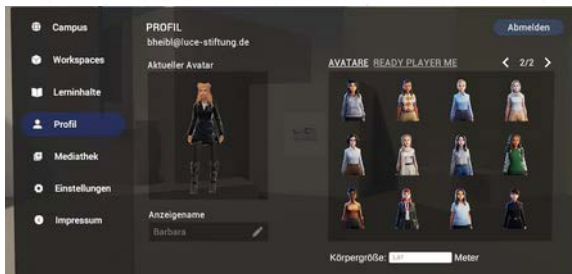


Innovation Replication Meter

- Easy to try in my institution
- Needs funding support
- Needs industry partner
- Not relevant yet

NextGenLearn

ÜBZO: Überbetriebliches Bildungszentrum
Ostbayern (Germany)



About **NextGenLearn**

The project “NextGenLearn” drives the advancement of TVET in the metal and electrical sector. Its goal is to foster self-directed learning processes so apprentices can actively shape their learning paths. Digital environments, interactive modules, and AI-supported assistance systems are used to foster both technical and transversal skills.

Why it Matters [for Participants]

Implementation Requirements

01 – Technology

- Cloud/on-premise server setup
- High-speed internet
- Device compatibility (PC, mobile, VR)
- Data protection and GDPR compliance

02 – Learning Content

- Authoring tools (e.g. Articulate, Unity)
- SCORM/xAPI standards
- 3D modeling software
- LMS integration and tracking

03 – Staff Development

- Access to training platforms
- Digital literacy baseline
- Scheduling and internal collaboration tools

04 – Infrastructure

- Modular furniture
- VR-compatible room layout
- Secure Wi-Fi, AV equipment

05 – Project Management

- Project management software
- Evaluation frameworks
- Collaboration tools

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

For any inquiries, please contact:

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Social Media Accounts:

- Instagram: [@uebzo_weiherhammer](https://www.instagram.com/uebzo_weiherhammer)
- YouTube: [@ubzo-uberbetrieblichesbild3482](https://www.youtube.com/channel/UCubzo-uberbetrieblichesbild3482)

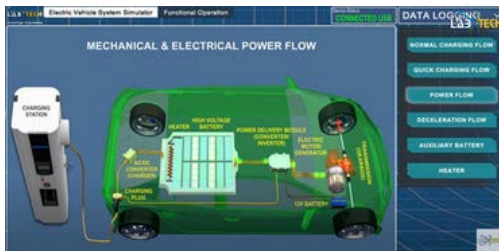


Innovation Replication Meter

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- Needs funding support
- Needs industry partner
- Not relevant yet

Labtech: Digital Twin Simulations for Electric Vehicles

Labtech International Ltd (Indonesia)



About **Labtech**

Offers a cutting-edge training solution that leverages interactive 3D simulations to replicate real EV system behavior and diagnostics. Integrating cyber-physical systems, IoT data, and fault simulations, it provides learners with a safe, immersive environment to bridge theory and practice while reducing training costs and equipment wear. This approach equips students with future-ready skills and prepares them for the demands of Industry 4.0 workplaces.

Why it Matters [for Participants]

Implementation Requirements

- Deployment of the digital twin software solution, with the option to integrate a physical trainer simulator using IoT technology.
- Runs on Intel i5 or higher PCs with internet access (i7+ recommended)
- Deployable as standalone or networked setups.
- Optional IoT integration with Labtech simulation trainer hardware for hybrid learning.
- Internet used for updates, LMS access, and cloud support.
- Labtech provides installation, updates, and optional long-term support.

Cost / Investment Ballpark

- Institutions can begin with the entry-level option (USD 5,000), which provides the complete digital twin software for simulation-based training at a low initial cost.
- For those seeking a more advanced setup, the comprehensive package (up to USD 21,000) adds an IoT-enabled physical trainer simulator, creating a hybrid environment that links real-world equipment data with the digital model.

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

For any inquiries, please contact:

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Facebook: [LabtechInternationalLtd](https://www.facebook.com/LabtechInternationalLtd)

Instagram: [labtechltd](https://www.instagram.com/labtechltd)



Innovation Replication Meter

- Easy to try in my institution
- Needs funding support
- Needs industry partner
- Not relevant yet

Innovative Virtual Reality for TVET Training in HVAC (InnoHVAC VR)

Universiti Tun Hussein Onn (Malaysia)



About **Innovative Virtual Reality for TVET Training in HVAC (InnoHVAC VR)**

It is a Virtual Reality-based learning application designed for students, trainees, and teachers in the field of Refrigeration and Air Conditioning (HVAC). It provides a safe, cost-effective, and immersive environment where beginners can explore domestic air conditioning fundamentals through interactive simulations such as equipment identification, system inspection, and basic assembly tasks.

Why it Matters [for Participants]

Implementation Requirements

- VR Headsets such as PICO and Meta Quest
- Learning setting: minimum space of 2m x 2m
- Laptop for screen casting

Cost / Investment Ballpark

Development cost: USD 5,000

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

For any inquiries, please contact:

Person: Affero Ismail

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Website: oer.uthm.edu.my/resources/technology/hvac-in-vr

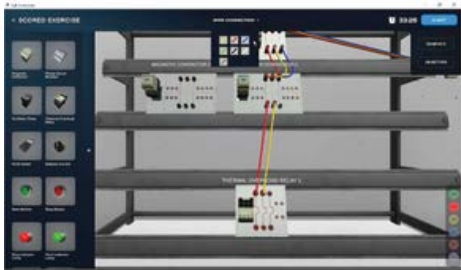


Innovation Replication Meter

- Easy to try in my institution
- Needs funding support
- Needs industry partner
- Not relevant yet

Seaversity
(Philippines)

Seaversity[®]



About **Seaversity**

Seaversity is a technology provider and enabler company, focusing on maritime education and training systems seeking to provide highly competitive and innovative learning for the next generation. Seaversity offers:

- eLearning and LMS
- Augmented Reality
- Virtual Reality
- 360 Walkthrough
- PC Based Simulator
- Mix Reality

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

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- Chief Executive Officer

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Social Media Accounts:

- Instagram: [seaversityph](#)
- Facebook: [SeaversityPH](#)



Innovation Replication Meter

- Easy to try in my institution
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- Needs industry partner
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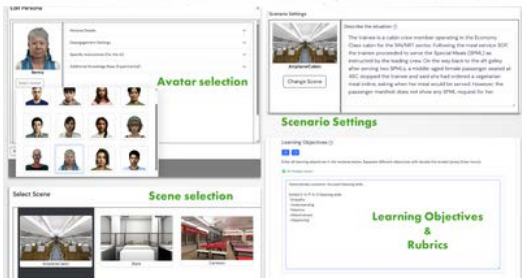
AI Roleplay platform

Temasek Polytechnic (Singapore)



Temasek Polytechnic
Enabling Technology Collaboratory

CREATING TOMORROW



About **AI Roleplay platform**

Tackles the limitations of traditional roleplay in large classroom settings by introducing a no-code immersive roleplay authoring and management platform that empowers educators to design interactive applications without programming skills, accessible via computers and mobile devices. Leveraging Generative AI for dynamic conversations and an AI-assisted assessment module, the platform delivers personalized feedback and boosts engagement.

Why it Matters [for Participants]

Implementation Requirements

Trainer content creation: Accessible via any web browser

Trainee application: Accessible via any of the following platforms:

- Web browser
- Android device
- iOS device
- Meta headset

Cost / Investment Ballpark

- Development cost: Covered under a SGD 100,000 research grant
 - Hosting of application: ~USD 2,400 per year
 - AI service usage: < USD 600 per year
- End user cost: Based on per-account license

Partnership / Support Opportunities that can be offered by the exhibitor:

- collaboration
- joint piloting
- licensing
- knowledge exchange
- others

For any inquiries, please contact:

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Innovation Replication Meter

- Easy to try in my institution
- Needs funding support
- Needs industry partner
- Not relevant yet

My Top 3 Favorite Innovations:

- Germany
- Cambodia
- Indonesia
- Malaysia
- Philippines
- Singapore

One action I can try after today:

Rate today's roadshow



Which innovation do you see yourself replicating in your institution?

- Germany
- Cambodia
- Indonesia
- Malaysia
- Philippines
- Singapore

What support do you need to make it happen?

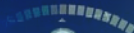
- Financial
- Trainers
- Capacity Building
- Network
- Others:





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STATUS



Sa **TESDA**,
Kayang Kaya