Workshop

Enhancing resilience for society with digital technologies: Case studies of urban farming and healthcare

Joint disseminating event for **British Council Going Global Partnerships** projects:

1) **Project 1 (Vietnam):** *Urban Resilience in Agriculture Through Highly Automated Vertical Farming in Vietnam and the UK*; Partners: Middlesex University, UK and Van Lang University (VLU), Vietnam
2) **Project 2 (Indonesia):** *Developing Connected Curriculum on Digital Twin for Health System Resilience Networks*; Partners: Middlesex University, UK and Universitas Gadjah Mada (UGM), Indonesia

Ho Chi Minh City, 12th March 2024

VAN LANG UNIVERSITY

Welcome to our 2024 Joint Final Workshop for British Council Going Global Partnerships projects

We are pleased to welcome you to the final joint workshop titled "Enhancing Resilience for Society with Digital Technologies: Case Studies of Urban Farming and Healthcare", taking place on the 12th of March, 2024, in Ho Chi Minh City. This event marks the culmination of two ambitious Going Global Partnerships projects, funded by the British Council, that have fostered innovative collaborations between the United Kingdom, Vietnam, and Indonesia.

The first project, "Urban Resilience in Agriculture Through Highly Automated Vertical Farming," is a testament to the successful partnership between Middlesex University, UK, and Van Lang University, Vietnam. Together, we have pioneered advancements in technologies for urban farming that not only bolster food security and demonstrate the significant potential for sustainable urban agriculture, but also highlight the awareness, adoption and impacts of urban farming on environment and economy, in the context of Vietnam and the UK. The project details can be found [here](#).

Our second project, "Developing Connected Curriculum on Digital Twin for Health System Resilience Networks," in collaboration with Universitas Gadjah Mada, Indonesia, has made strides in enhancing healthcare systems through digital twin technologies. This innovative approach provides a framework for resilient health networks that can withstand and adapt to the dynamic challenges of modern healthcare. We have developed Massive Online Course platform to support healthcare practitioners for ministry, hospitals, and healthcare centres in Indonesia. More information on this project is available [here](#).

The joint workshop aims to share the outcomes and cross-country knowledge gained from these projects, fostering a dialogue on how digital technologies can enhance community and societal resilience. Our discussions will align with the United Nations' Sustainable Development Goals, focusing on the critical areas of urban farming and healthcare.

We look forward to a day of insightful exchanges that will not only celebrate our achievements but also chart the course for future collaborative initiatives that harness the transformative power of digital technologies for the betterment of society.

EventBrite link:

Programme	
13:30 – 14:15	**Welcome Opening speeches** • Dr. Assoc. Prof. Tran Thi My Dieu, President of Van Lang University (10 min) • British Council representatives (from BC Vietnam and BC Indonesia) (20 min) • Reps from Middlesex and UGM (Deans) (10min)
14:15 – 15:30	**Project 1: Urban Resilience in Agriculture Through Highly Automated Vertical Farming** • Video about the project (10 min) • Project summary and "Demonstration of IoT prototype setup" by Prof Huan Nguyen (15 min) • "Greenhouses models: research results and interactive training programmes" by Dr. Vu Thi Quyen (15 min) • "An asseeement on the effect of the proposed vertical farming model on the economic, social and environmental sides" by Dr. Ho Thi Thanh Hien + "Urban farming and sustainability" by Dr Meri Juntti (20 min) • "Talks and discussions, recommendations from the team" led by Asos. Prof. Le Thi Kim Oanh (15 min)
15:30 – 15:40	**Break**
15:40 – 16:35	**Project 2: Developing Connected Curriculum on Digital Twin for Health System Resilience Networks** • Video about the project (10 minutes) • "Summary of project outcomes: Discussion and recommendations" by Prof Huan Nguyen (MDX), Dr Lutfan Lazuardi, Dr. Ramona Trestian (LDTRC) and Hanifah Wulandari (UGM), (15 minutes) • "Digital Twin for Resilient Healthcare: Insights and Future Prospects," Dr Souvik Barat (TCS Research India) (15 minutes) (online) • "Sharing of experience and knowledge from Indonesian healthcare practitioners" by Dr Novi Zain Alfajri (Indonesia) (15 minutes)
16:35– 17:00	**Panel discussion with BC's Advisory Group:** on GGP projects, transnational collaboration (e.g., VN, UK, Indo), recommendations
17:00 – 17:15	**Closing & Remarks (BC, VLU, MDX)** **Photos and visits of greenhouse**
17h15 – 18h00	**Finger food buffet**