

APAIE 2024



PERTH, AUSTRALIA 4-8 MARCH 2024

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Collaborating for sustainable impact: partnerships across the Asia Pacific

APAIE Perth 4 - 8 March 2024



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OF HIGHER EDUCATION.**

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Session 1A: Tues 5th March, 9:30 – 10:00

**Climate Change and Energy Transition Education between
Australia and Vietnam**

Lien Duong
Curtin University, Australia

Chair
Lien Duong
Curtin University, Australia

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Climate Change and Energy Transition: Education Exchange between Australia and Vietnam

Curtin University, Perth, Western Australia

Associate Professor Lien Duong

Associate Professor Sonny Pham

Dr Muammer Wali



Background and Context

The Mekong Australia Partnership (MAP):

- MAP is a four-year program (2000/21-2023/24)
 - fostering an inclusive and sustainable recovery from the COVID-19 pandemic in mainland Southeast Asia, and
 - supporting an open, prosperous and independent Mekong Subregion in which Australia is well regarded.
- It has five 'pillars'
 - Economic Resilience
 - Water, **Energy** and **Climate**
 - **Human Capacity** (short courses and workshops)
 - Cyber
 - Trade and Investment



Background and Context

- Aus4Skills has been tasked with supporting the Building Human Capacity Pillar of the MAP in Vietnam.
- By providing key Vietnamese interlocutors with education and knowledge transfer under the Building Human Capacity Pillar, Australia supports Vietnam
 - achieve its stated development goals, and
 - build enduring relationships that advance mutual interests.



Background and Context

- **Climate action** is a key focal point of Aus4Skills' support under the Building Human Capacity Pillar.
- Through support to selected Vietnamese institutions involved in the development and implementation of strategies to reduce greenhouse gas emissions, Australia contributes to addressing the impacts of climate change and environmental resilience.



AUS4SKILLS

Curtin University Past Successes



Australia Awards

2022

Project or short course title/activity:	
Australia Awards Short Course (AASC) in Carbon Market Operation and Cooperative Mechanism under the Paris Agreement (AM8343 project)	
Funding agency: Aus4Skills, DFAT	Approx. value of contract: AUD 641,528.00
Start date: June 2022	Completion date: January 2023

Industry-academia Partnership

100 industry guest speakers from the Asia-Pacific region (Australia, Korea, New Zealand, Singapore, Thailand, Vietnam)

2023

Project or short course title/activity:	
Australia Awards Short Course (AASC) in Building the Ecosystem to Support Carbon Market Establishments (AM9454 project)	
Funding agency: Aus4Skills, DFAT	Approx. value of contract: AUD 240,854.00
Start date: February 2023	Completion date: July 2023



2023

Project or short course title/activity:	
Australia Awards Short Course in Strengthening Power System and Market Operations in the Context of Renewable Energy (AM9463 project)	
Funding agency: Aus4Skills, DFAT	Approx. value of contract: AUD 344,519.00
Start date: February 2023	Completion date: July 2023

Indigenous perspectives

- Carbon sequestration case studies (Savanah Fire Management)
- Regional microgrid, standalone power system and community battery in the Northern region of Western Australia

Curtin University – Current Projects



Australia Awards

- Building Blocks for Domestic Carbon Market through Enhancing Greenhouse Gas Inventory and Reporting Capability

**Industry-academia
Partnership**

2024

- Data Governance, Collection and Management
- Data Governance and Policy Making



Course Structure

These AASCs will involve a structured learning process by applying a range of interactive learning methodologies and innovative methods for workplace-based teaching and learning:

- Classroom sessions with well-informed presenters
- Case studies
- Site visits
- Discussion and planning sessions
- Simulations and role plays
- Networking events
- Critical reflection and analysis about what can be put into practice in the participants' own contexts.

**Industry-academia
Partnership**

Additionally, the participants will apply the knowledge in their work through the development of individual or small group development projects that contribute to policy and actions regarding carbon market development and operation.

Carbon Market Operation and Cooperative Mechanism under the Paris Agreement

2022

- At COP 26, the Vietnam Prime Minister and Australian Prime Minister met and announced the Vietnam – Australia Joint Statement on Commitment to Practical Climate Action.
- The joint statement reflected a strong commitment to closer cooperation between Australia and Vietnam, and highlighted areas of bilateral collaboration in response to climate change, including Australia's Indo-Pacific Carbon Offsets Scheme (IPCOS).



AASC “Carbon Market” (*cont...*)

- Given both countries have committed to achieve net-zero emission target by 2050, cooperation in the climate sector, particularly in carbon offsets, demonstrates Australia’s readiness to support Vietnam to engage with growing carbon markets.
- Australia’s carbon markets continue to grow and mature. Australia’s carbon market includes national schemes, state and territory government schemes and international carbon units.



AASC “Carbon Market” (*cont...*)

- July – December 2022
- Location: Hanoi-Perth-Canberra
- Training course, funded by the Australian Department of Foreign Affairs and Trade (DFAT), for 25 delegates from
 - Ministry of Natural Resources and Environment,
 - Ministry of Finance, and
 - 8 other ministries and government organisations.



Pre-course in Hanoi July 2022



Australian course: Perth (August 2022)



Australian course in Canberra: August 2022



Hanoi post-course: December 2022



Building Ecosystem to Support Carbon Market Establishment

- April – June 2023
- Location: Hanoi-Canberra
- Training course, funded by the Australian Department of Foreign Affairs and Trade (DFAT), for 15 delegates from
 - Ministry of Finance,
 - Vietnam Securities Depository, and
 - Vietnam Exchange.



Pre-course in Hanoi: April 2023



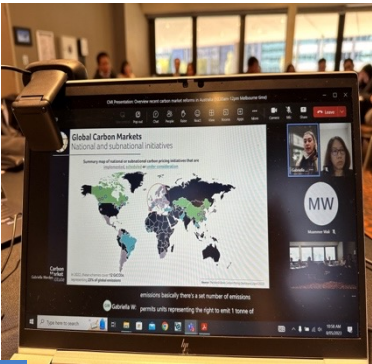
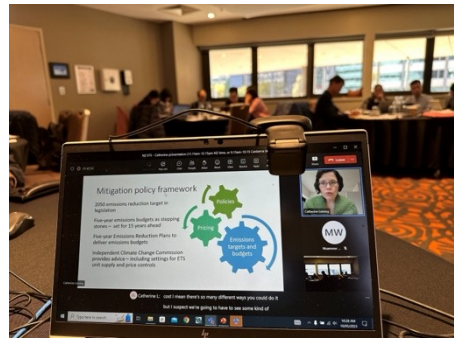
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Australian course in Canberra: May 2023



Post-course in Hanoi: June 2023



Strengthening Power System and Market Operations in the Context of Renewable Energy

- April – June 2023
- Location: Hanoi-Perth-Canberra-Melbourne
- Training course, funded by the Australian Department of Foreign Affairs and Trade (DFAT), for 15 delegates from
 - The National Load Dispatch Centre
 - Vietnam Electricity



Pre-departure briefing in Hanoi: April 2023



Australian course in Perth: May 2023



Towards a sustainable future for international education in the Asia Pacific

APAIE Perth: 4-8 March 2024

Australian course in Canberra: May 2023



Australian course in Melbourne: May 2023



Post-course in Hanoi: June 2023



Thank You

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