



### Who should join?

This program offers university students a unique opportunity to explore the intersection of Sustainable Development Goals (SDGs) and Environmental, Social, and Governance (ESG) principles. Through expert-led discussions, field visits, and interactive sessions, participants will gain insights into Malaysia's sustainable innovation, policy, and industry practices—all while experiencing its vibrant cities and natural beauty.

### What you will get?



Describe how game theory influences decision-making in sustainability and diplomacy, using real-world examples.



Identify key biomass resources in Malaysia and explain their potential applications in sustainable industries.



List the main features of a sustainable city and discuss how Malaysia is implementing smart urban solutions.



Explain the concept of a circular economy and give examples of biosubstitution and waste valorisation in Malaysia.



Compare SDG and ESG frameworks and illustrate how they influence business practices, policies, and lifestyle choices.

### Fee USD1,200

Early Bird: USD1,000  
(31, May, 2025)

Group(4pax & above): USD1,000

Price inclusive of:

- Accommodation (Twin Sharing)
- Airport transfers
- Excursions
- Industry visit
- Study resources and materials
- Certificate

Price excludes:

- Flight tickets
- Meals and daily expenses

*Prices are subject to change*

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# TRANSLATING SDG INTO ESG: SUSTAINABLE SOLUTIONS IN ACTION KEY

## Key Topics



### Science Diplomacy: Addressing Global Challenges for Sustainable Development

Founding Director, International Institute of Science Diplomacy and Sustainability (IISDS), UCSI University. Foundation Fellow, International Science Council (ISC). Founding Chair, Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), established under the auspices of UNEP, UNESCO, FAO, and UNDP

**Distinguished Prof Tan Sri Dr Zakri Bin Abdul Hamid**  
*Director, International Institute of Science Diplomacy and Sustainability*



### Malaysia's Biomass Bounty: From Natural Resources to Green Innovation

Malaysia is rich in biomass potential—from palm oil residues to bamboo and algae. This session delves into how vast biomass resources can be harnessed for energy, materials, and bio-based products, positioning Malaysia as a leader in sustainable resource management.

**Prof Dato' Dr Ahmad Bin Ibrahim FASc**  
*Professor, Faculty of Engineering, Technology & Built Environment*



### Game Theory and Sustainability: Finding Common Ground Through Play

Game theory isn't just for economics—it shapes diplomacy, conflict resolution, and sustainability strategies. This session explores how cooperative and competitive dynamics in game theory influence behavior, foster collaboration, and help resolve environmental challenges on a global scale.

**Prof Ts Dr Tan Wee Hoe**  
*Professor, Faculty of Social Sciences & Liberal Arts*



### Circular Economy and Biosubstitution: Rethinking Waste as a Resource

The shift from a linear to a circular economy requires innovative approaches like biosubstitution and valorization. This session examines how sustainable materials, bio-based alternatives, and industrial symbiosis can close the loop, reducing waste and maximizing resource efficiency in various industries.

**Prof Dr Eric Chan Wei Chiang**  
*Head, Sustainable Coastal City Head, Sustainable Coastal City*



### Smart & Sustainable Cities: The Future of Urban Living in Malaysia

What makes a city truly sustainable? From green infrastructure to smart mobility, explore how Malaysia is shaping eco-friendly urban spaces while tackling climate change and urbanisation challenges.

**Ts Dr Khairul Zahreen Bin Mohd Arof**  
*Lecturer, Faculty of Engineering, Technology & Built Environment*



### SDG vs ESG: From Global Goals to Everyday Action

While SDGs provide a global blueprint for sustainability, ESG focuses on measurable business practices. This session clarifies the distinction between SDG and ESG and explores how they translate into responsible stewardship, corporate decision-making, and sustainable lifestyle choices.

**Leong Sat Sing**  
*Vice President, Group Sustainability Office*



### **Ajinomoto Museum**

Located within Ajinomoto (Malaysia) Berhad's new eco-friendly factory in Bandar Enstek, Negeri Sembilan, the Ajinomoto Museum offers insights into the company's history, production processes, and commitment to sustainable practices. Visitors can explore the Visitor Gallery, participate in cooking demonstrations, and learn about the valorisation of natural resources in food production. The museum also features cultural exhibits that enrich understanding of Malaysia's culinary heritage. The factory is a certified green building, reflecting Ajinomoto's dedication to environmental sustainability.

### **MNS Nature Education Centre at FRIM (Forest Research Institute Malaysia)**

Nestled within the lush greenery of FRIM, the Malaysian Nature Society's Nature Education Centre provides hands-on learning experiences about Malaysia's diverse ecosystems. Participants can engage in guided forest walks, explore arboreta, and learn about conservation efforts. The serene environment offers a refreshing escape into nature, fostering a deeper appreciation for environmental conservation.

### **Putrajaya Wetlands Park**

As the largest constructed freshwater wetland in the tropics, Putrajaya Wetlands Park offers an immersive experience in ecological conservation and sustainable water management. Visitors can explore diverse flora and fauna, engage in bird-watching activities, and learn about the critical role wetlands play in environmental health. The park's scenic landscapes and well-maintained trails provide a tranquil setting for leisurely walks and nature appreciation.

### **Community Recycling Centre**

This community-driven recycling hub demonstrates effective waste management and recycling processes. Visitors can learn about local initiatives in environmental conservation and witness community engagement in sustainability efforts. The centre's proximity to popular attractions such as Sunway Pyramid and Sunway Lagoon offers opportunities to explore Malaysia's vibrant shopping and entertainment scenes.

### **The Exchange TRX**

Situated in Kuala Lumpur's financial district, The Exchange TRX exemplifies sustainable urban planning. Participants can explore its green building designs, energy-efficient systems, and the expansive TRX City Park, which integrates nature into urban living. The site also offers shopping and dining experiences, showcasing modern Malaysian culture.