



Australia Awards

Waste to Energy

Australia Awards in
Indonesia –
Short Term Award



If you are passionate about waste management and renewable energy, Australia Awards in Indonesia invites you to apply for the Waste to Energy (WTE) Short Term Award. The successful candidates will gain skills and knowledge to analyse the commercial viability of different types of WTE operations, study the feasibility of Public Private Partnership (PPP) models and benchmark ways to attract private sector investment. The course will also explore policies and regulations that affect the planning, preparation and operations of WTE plants to respond to Indonesia's waste management challenges.

The course also aims to improve inter-agency collaboration in determining projects to be funded and will examine financing and contracting models to be applied. The course is designed for up to 25 representatives from relevant central and local government agencies, private companies, state-owned enterprises and NGOs with experience in waste management and WTE issues.

To apply for this course, you must:

- Be an employee at one of the following organisations:
 - i. Ministry of Agrarian Affairs and Spatial Planning/National Land Agency
 - ii. Ministry of Finance
 - iii. Ministry of National Development Planning (BAPPENAS)
 - iv. Ministry of Environment and Forestry
 - v. Ministry of Energy
 - vi. Coordinating Ministry of Maritime Affairs and Investment
 - vii. Coordinating Ministry of Economic Affairs, including the Committee for Acceleration of Priority Infrastructure Delivery
 - viii. Ministry of Home Affairs
 - ix. Ministry of Public Works and Public Housing
 - x. Ministry of State-Owned Enterprises
 - xi. Investment Coordination Board BKPM
 - xii. Local/regional governments involved in planning and implementation of WTE operations, specifically the 12 priority WTE plants identified in Perpres 35/2018 and the additional 16 cities that are planning to develop feasibility assessments
 - xiii. State-Owned Enterprises involved in waste management and/or WTE operations
 - xiv. Private sector working in waste management and/or WTE
 - xv. NGOs
- Be staff of Echelon III level (government representatives) with a minimum of four years' experience and a relevant role in developing policies/regulations related to WTE
- Have (preferably) a Bachelor's degree with a minimum D3 level qualification in a relevant field
- Hold an ID card (KTP)
- Be endorsed by your current manager/supervisor
- Be committed to preparing and implementing an Award Project as part of the course
- Have professional working proficiency in English. The course will be delivered in English.



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Key Dates

- A 3-day pre-course workshop in Indonesia: location and date TBC*
 - A 2-week short course in Australia: location and date TBC*
 - A 3-day post-course workshop in Indonesia: location and date TBC*
- *subject to COVID-19 situation

Learning objectives

The course learning objectives are participants' improved skills and ability to:

- Understand current laws, policies, regulations (including regulatory and environmental assessments) relevant for WTE planning, preparation and operations
- Discuss WTE priorities (improving waste management, public health, social and environmental considerations including displaced persons, improving aesthetics, generating power) and risks (pollution from incinerators, smoke and toxic ash waste)
- Analyse the requirements for functioning waste management systems, and the potential role that WTE technology can play in that context (feasibility studies, upstream waste collection, role of local government, quantifying the calorific value of waste in determining the viability)
- Understand infrastructure investment and investors' economic perspectives in WTE (feasibility studies, commercial viability, life cycle, risk management, sale of power, suitability of different types of WTE facilities)
- Explore how the roles of public regulators and administrators intersect and how public and private sector roles could be mutually complementary in WTE
- Analyse feasibility of PPP in WTE and compare lessons learned
- Learn about Australian waste collection and WTE technologies and capabilities and connect with a range of relevant Australian industry stakeholders
- Analyse financial management of WTE sites/facilities
- Explore waste collection and WTE solutions and technologies, their environmental and economic benefits and current/potential utilisation in Indonesia and Australia
- Analyse the role of different stakeholders in WTE operations (local governments, central government agencies, private sector, NGOs, consumers, PLN etc.) and discuss options for stakeholder relationship management
- Develop networks between individuals and organisations to improve collaboration and identify business opportunities in the sector

Women and people with disabilities are encouraged to apply!

All applications MUST be submitted online via this link by Tuesday, 30 June 2020 at 23.59 WIB: <https://www.australiaawardsindonesia.org/id/WastetoEnergy>

For more information, please visit www.australiaawardsindonesia.org or contact shorttermawards@australiaawardsindonesia.org.