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Hun-Yang SOON

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| Nationality | Malaysian |
| Education | <p>2002- 2003 MSc. (Environmental Management and Policy) International Institute for Industrial Environmental Economics (IIIEE), Lund University, Sweden</p> <p>Focus areas <i>Policy and economic instruments, preventative environmental strategies, strategic environmental management, international environmental law, renewable energy, environmental technologies, wastewater management.</i></p> <p>Master thesis <i>Policy constraints in advocating ecological sanitation in developing countries – Case of Kuching, Malaysia</i></p> <p>1995-1998 B.Technology (Hons)- (Environmental Engineering) Massey University, New Zealand</p> <p>Focus areas <i>Wastewater engineering, solid waste management, environmental economics and management, cleaner production and technologies, process engineering and environmental science.</i></p> |
| Selected Work Experiences | <p>Oct 2003-Present Eco-Ideal Consulting Sdn. Bhd. Chief Executive Officer / Technical Director</p> <ul style="list-style-type: none"> ▪ Energy Efficiency Management Guideline for Sewage Treatment Plants – Indah Water Konsortium Sdn Bhd (Dec 08 – ongoing) ▪ CDM application for Palm Oil Mill Effluent to Biogas Project in Sg Kahang Palm Oil Mill, Kluang Johor, Malaysia (Nov 08- ongoing) ▪ Technical advisor to Malaysian Government / DANIDA Solid Waste Management Component (2006-2010) on technical studies and data management in solid waste management (Feb 06 – on-going); ▪ National Specialist to the Ministry of Natural Resources and Environment / UNDP/GEF/ Eco-Factor National Capacity Needs Self Assessment Project. (Aug 07- ongoing); ▪ Project management consultancy for Bukit Tagar Landfill Gas Recovery and Utilization project in Hulu Selangor, Selangor Malaysia (Nov 07 – on-going); ▪ Development of Renewable Energy CDM project documentations (Landfill Gas Recovery and Utilisation & Biogas Recovery from Palm oil mill effluent, biogas recovery from livestock waste) in various parts of Malaysia. (On-going); ▪ DID/Danish International Development Assistance (DANIDA) Integrated River Basin Management Project. Development of “State of River” Reports for Sungai Selangor and Sungai Kedah (Nov 06-Aug 07); ▪ Pre-feasibility study and biogas design for biogas applications in the animal waste. Assessment of application of biogas recovery and utilization of piggery waste in the Centralised Pig Farming Area in Pasir Puteh, Samarahan, Sarawak. (2006); ▪ Pre-feasibility Study on Wood Waste to Energy Power Plant in Bintulu, Sarawak for |

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| | <p>DANIDA Urban Environmental Management System (UEMS) Project (Dec04-Sep 05);</p> <ul style="list-style-type: none"> ▪ Technological supplier identification and evaluation for biogas recovery from POME in Selangor, Malaysia; ▪ Cost Benefit Assessment of Organic Waste Technologies for hotels and university in Penang, funded by the Asian Productivity Organisation (APO), Japan; ▪ Barrier Analysis of Biomass Supply Chain as Renewable Fuel in Malaysia for DANIDA (Danish International Development Assistance)/ EPU(Economic Planning Unit) Renewable Energy / Energy Efficiency Project, (Apr 05 – on-going); ▪ Policy analysis in Waste to Energy Projects (landfills, palm oil waste as well as biodiesel) for DANIDA / EPU Renewable Energy / Energy Efficiency Project; ▪ Studied Clean Development Mechanism Potential in Waste Sectors (including Renewable Energy Potential) in Malaysia (August 2004 – March 2005), funded by DANIDA and Malaysian Energy Centre; ▪ Assist the State Government of Sarawak in developing a comprehensive environmental database management system. This effort is support by DANIDA through the Urban Environmental Management System project (2003-2006). Main relevant tasks involved specification and standardization of data input, pollution sources and solid waste monitoring (including inventories of industrial and landfill sites) and reporting format. In the process, we were involved in the preparation of the annual Sarawak Water Quality (Oct 2003 – Ongoing); ▪ National Specialist to the Ministry of Natural Resources and Environment / UNDP/GEF/ Eco-Factor National Capacity Needs Self Assessment Project. (Aug 07-ongoing); ▪ Natural Resources and Environmental Board, Sarawak / Chemsain Konsultant. Study on the options for integrating centralized wastewater system with Ecological Sanitation system and other emerging wastewater system for Kuching, Sarawak. <p>1999- 2002 August <i>Natural Resources and Environmental Board, Sarawak, Malaysia</i></p> <p><i>Environmental Control Officer / Project Coordinator</i></p> <ul style="list-style-type: none"> ▪ Management of the Sustainable Urban Development Project in Kuching City, Sarawak. Key experiences gained include environmental planning and management especially in urban areas related to waste management and water quality sector, legal and institutional aspects, capacity development, environmental technologies, monitoring and reporting, database development, project management & report writing skills. ▪ Conduct studies and develop programme in the areas related to integrated water management (extensive studies on quality of water, sources of pollution and planning of improvement projects, monitoring and reporting) and integrated solid waste management (extensive waste mapping of generation, sources, transportations and treatment in Kuching, initiation of improvement programme including community and commercial participation in waste reduction and recycling scheme, waste monitoring and reporting). ▪ Environmental Impact Assessment (EIA) – Assessment and monitoring (various types of project). |
| <p>Affiliation and Registration</p> | <ol style="list-style-type: none"> 1. International Solid Waste Association (ISWA) – Individual member (2000- present) 2. Waste Management Association of Malaysia (WMAM) – Member (2007-present) 3. Registered with Board of Engineer Malaysia 4. Environmental Impact Assessment (EIA) Subject Consultant (Solid Waste Management), Department of Environment (DOE), Malaysia – AS0643 5. Environmental Impact Assessment (EIA) Assistant Consultant (Wastewater/ Water Quality and General Environmental Management), Department of Environment (DOE), Malaysia – |

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| | <p>AS0643</p> <ol style="list-style-type: none"> 6. Environmental Impact Assessment (EIA) Consultant (Individual), Natural Resources and Environment Board, Sarawak, Malaysia – NREB/1/00625 7. Institution of Engineers (IEM) Malaysia – Graduate Member (2000-present) 8. Environmental Management & Research Association (Ensearch) – Member (1999-present) - member of Cleaner Production Interest Group, Water Management Interest Group, Environmental Management Interest Group 9. Member, Association of Environmental Consultants Sarawak |
| Language ability | <ol style="list-style-type: none"> 1. English (Writing and Speaking - Excellent) 2. Mandarin and several chinese dialects (Writing and Speaking - Excellent) 3. Bahasa Malaysia (Writing and Spoken - Good) |
| Referees | <ol style="list-style-type: none"> 1. Ib Larsen, Chief Technical Advisor for DANIDA / Ministry of Housing and Local Government Solid Waste Management Component. (phone : +60-198570423 or e-mail : iblarsen@swm-component.com) 2. Thomas B. Johansson, Director, International Institute for Industrial Environmental Economics (IIIEE), Lund University Sweden. (phone: +46-46-2220200 or email : Thomas.B.Johansson@iiiee.lu.se) 3. Dr. Penguang Manggil, Controller of Environmental Quality, Natural Resources and Environment Board, Sarawak, Malaysia. (+60-82-440504) |