

## Tutor profile

### Asyraf Dzahiri



Asyraf Dzahiri is the Head of Digital Delivery at Ranhill, where he also holds the role of BIM Manager for various infrastructure projects, including data centres, metros, high-speed rail, highways, airports and water treatment plants. His impressive achievements include being named to Autodesk Digital Builder's list of the Global 40 Under 40 Engineer Champions. Originally from Malaysia, Asyraf graduated from The University of Manchester (UK) with an M. Eng in Civil and Structural Engineering.

As a certified HRDC trainer and holder of the BSI BIM Project Information Professional Certification, Asyraf has been instrumental in driving digital transformation within his organization. He ensures compliance with ISO 19650, guiding personnel and the organization toward efficient digital practices. Additionally, he has established digital policies that align with Ranhill's sustainability goals through Building Information Modelling (BIM).

Notably, Asyraf has led BIM Projects (UK & Asia) in innovative ways, including the implementation of Digital Twins and Artificial Intelligence. His commitment to environmental responsibility is evident as he works toward Carbon Neutrality, with ISO 19650 serving as the foundation for decarbonizing the built environment sector.

## Work experience highlights

- Developing and implementing an effective BIM process through various infrastructure projects.
- Establish Digital Engineering policies.
- As a BIM Manager, implemented ISO 19650 for the infrastructure projects and asset management.
- Gap analysis, developing, implementing and maintaining ISO 19650 Part 1, Part 2, Part 3 and Part 4 for various clients.
- Providing Digital Transformation training, internal audit and core tools training.
- BSI approved tutor for ISO 19650, relevant industrial core tools and soft skills.

### Specialist subject

- ISO 19650 Part 1, 2, 3, 4, 5 and 6 BIM Implementation.
- BIM core tools, auditing skills and soft skills.

### Career experience

- More than 10 years' work experience;
- More than 8 years on BIM Management implementation;
- Conducted trainings and projects for various industries.

### Industry knowledge

- **Transport and mobility:** Highways, Metro, High-speed rails, Airports;
- **Energy:** Oil and Gas, Refinery, Liquefied Natural Gas, Solar;
- **Others:** Data Centres, Water treatment plant, dams, Integrated water management, Flood mitigation, high-rise buildings and residential development.