

SYNOPSIS

Building Information Modelling (BIM) is a process in developing high quality information of an asset available from its inception/design through its construction and ultimately operation, enabling better decisions to be made during procurement, thereafter providing improved level of data to the facility management team. The adoption of BIM in construction industry enhances all-stage progress visibility by allowing all parties involved to monitor the status of the project from the inception through its delivery.

This 1-day course focuses on how professionals need to understand BIM, integrate it into contract management and scheduling including its delivery methods ie commencing from the design process, data formats, common data sharing and collaboration platform amongst various project proponents. It looks into the entire process of the design and construction of an asset, allowing for immediate detection and reaction should there be any shortfall or issues. BIM increases productivity resulting from intensive collaboration between industry players. This course prepares the participants for BIM adoption within their practices, through an elaborate understanding of the BIM protocols as opposed to conventional approaches of engineering practices. The national's BIM roadmap, industry's preparedness and way forward will also be deliberated along with insights into Government's initiatives taken to-date.

TRAINER'S BIODATA

Ir Sharifah Azlina Raja Kamal Pasmah, FIEM, P.Eng, MCIHT.

With over 25 years' experience in the engineering consultancy industry, Ir Sharifah Azlina has participated in numerous infrastructure projects and development within the country and in Middle East & North Africa (MENA); India, Iran, Vietnam and Indonesia. She is the Chief Operation Officer of HSS Engineering Sdn. Bhd, with a portfolio over the operations of all business units within the Group including BIM Global Ventures Sdn. Bhd., an outfit that renders Building Information Modelling (BIM) training and consultancy services in Malaysia; and HSS BIM Solutions Private Limited, in Chennai, India, for the international market.

Ir Sharifah Azlina started her career as a Highway Engineer and was involved in the planning and design of multiple transportation infrastructures. Over the years, she has verifiable track record for her involvement in mega-projects gaining valuable rapport through successful collaboration with authorities, clients, other project proponents and industry players. In her capacity as a Project Director, she has led her team to successful and timely completion of all the projects undertaken to date. Since the year 2012, her result-oriented professional team has embarked onto the utilization of BIM for a holistic delivery of various local, as well as international projects, through the seamless integration of engineering design with, project scheduling, construction simulation and progress monitoring to provide clients with a transparent and practical project control solution.

Paul Millward

Paul Millward is a professional of 30 years of experience. He is skilled in Team Leadership with a proven track record of delivering projects within scope and on time. He has been working within the BIM environment for the past 4 years in Europe and has completed a number of successful projects in the role as BIM Manager following an extensive career around the world, such regions as the Middle East, Far East, Canada and Europe. He has worked on a large number of projects with varying amounts of complexity, including roads and bridges, retail, office, healthcare, educational, industrial and power / petro chemical and the nuclear industry.

Paul Millward is the BIM Global Ventures Sdn Bhd Senior BIM manager, overseeing all the technician productivity with relation to BIM and its implementation. Paul has been instrumented in promoting BIM to local Architecture, Engineering & Construction (AEC) Industry, as well as advising clients on various projects in the process of implementing BIM.

COURSE OUTLINE

08.30 – 09.00	Registration
09.00 – 10.45	Module 1 – Strategic <ul style="list-style-type: none">• Introduction to Building Information Modelling (BIM)• What is BIM• Why BIM• BIM Standards & Guidelines• The BIM Roadmap
10.45 – 11.00	Tea Break
11.00 – 13.00	Module 2 – Management <ul style="list-style-type: none">• Key Government agencies• Professional Bodies• BIM Governance & Protocol• How to govern BIM projects• Conventions to BIM Way
13.00 – 14.00	Lunch Break
14.00 – 15.30	Module – Technical <ul style="list-style-type: none">• Design & BIM Tool• Level of Details (LoD)• Collaboration Environment• BIM Workflow & Process• Contract Management & Scheduling
15.30 – 15.45	Tea Break
15.45 – 17.00	Module – Technical (Continuation) <ul style="list-style-type: none">• Data Sharing• Data Format• Facility Management
17.00 – 17.30	Q & A

HOW YOU WILL BENEFIT

The BIM introductory course will reveal to the participants the benefits of using a BIM process such as:

- How to create a better-informed building procurement decisions;
- How BIM can fit into working practices;
- How BIM can be used within an organization;
- How BIM is used to streamline supply-chain information stream;
- How BIM will augment review process by identifying non-compliance issues;
- How BIM modeling builds the necessary check & balances in the workflow;
- Where BIM is in the local construction landscape.

WHO TO ATTEND:

- Senior Architects
- Senior Design Managers
- Project Directors
- Project Managers