Being the First in Construction Business

2017

BIM

INDONESIA

2008

GREEN CONSTRUCTION

2011

PLATINUM CERTIFIED GREEN BUILDING

2016

IMPLEMENTATION

2019

ISO 9001

1993

PLATINUM CERTIFIED GREEN BUILDING

GREENSHIP
Digital is the main reason just over half of the companies on the Fortune 500 have disappeared since the year 2000.

Pierre Nanterme
CEO of Accenture
### The Industry Digitization Index: Usage detail

**November 2015**

<table>
<thead>
<tr>
<th>Sector</th>
<th>Overall digitization</th>
<th>Transactions</th>
<th>Interactions</th>
<th>Business processes</th>
<th>Market making</th>
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<td>Entertainment and recreation</td>
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<td>Agriculture and hunting</td>
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**SOURCE:** BEA; BLS; US Census; IDC; Gartner; McKinsey social technology survey. McKinsey Payments Map. LiveChat customer satisfaction report. Appbrain. US contact center decision-makers guide. eMarketer; Bluewolf; Computer Economics. industry expert interviews; McKinsey Global Institute analysis.
BIM (Building Information Modeling)
BIM (Building Information Modeling) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.
Current Construction Coordination

- Architect
- Installer
- Structural Engineer
- Facility Manager
- Construction Manager
- Builder

Expected Digital Construction Coordination

- Architect
- Installer
- Structural Engineer
- Facility Manager
- Construction Manager
- Builder

BIM
When BIM has to be implemented

EARLIER – BETTER, STARTING SINCE PRE DESIGN STAGE
BIM & Digital Construction Around the World

BIM as a Requirement in advance Countries

- **Canada**: 2016-2020 BIM implementation programme
- **Scotland**: 2017 Level 2 BIM to be introduced
- **Norway**: 2016 BIM adoption
- **Sweden**: Restricted mandate in place
- **Finland**: 2007 requires BIM for new buildings
- **UK**: 2016 BIM obligatory for government projects
- **Switzerland**: No BIM requirement planned
- **Australia**: Restricted mandate in place
- **Germany**: 2017-2020 Phased introduction
- **Spain**: 2018-2019 planned introduction
- **Portugal**: BIM Programme in place
- **Peru**: 2012 BIM for government projects
- **Brazil**: No BIM requirement planned
- **Chile**: 2020 BIM for government projects
- **China**: Strong government support
- **Japan**: BIM Guideline
- **Korea**: 2012 BIM standard for offices
- **Germany**: 2015 BIM standard based on IFC
- **Dubai**: Restricted mandate in place
- **Singapore**: 2015 BIM mandate for all buildings
- **New Zealand**: No BIM requirement planned
- **Hong Kong**: Mandatory in place since 2014
- **Australia**: Restricted mandate in place
- **United States**: 2020 BIM obligatory for government projects
- **United States**: 2017 BIM for all government buildings
- **Italy**: 2019 BIM mandate introduced
- **Czech Republic**: No BIM requirement planned
Institut BIM Indonesia

www.institutBIM.id

“Institut BIM Indonesia is an Initiatives for Building Information Modeling in Open Collaboration & Standards for Design, Engineering, Construction & Manufacturing Industries”

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pdw-architects.com

Contractors:

Professional Associations:

Universities & Institutes:

BINUS UNIVERSITY

ISTN Institut Sains dan Teknologi Nasional
BIM & ROBOTIC TECHNOLOGY

THE CONSTRUCTION INDUSTRY IS RIPE FOR DISRUPTION
Guest Speakers

Wei Lai
China Institute of Building Standard Design & Research Co. Ltd

David Woo
Hanwha Engineering & Construction

Hadjar Seti Adji
PT PP (Persero) Tbk

Yang Xiaoyi
China State Construction Engineering Corporation

Daniels Chandra
ONG&ONG Pte Ltd

Yuan Zheng Gang
Glodon & Partners

Weng Heng Ng
SAP

Jimmy Lau
Bentley System

Kharis Alfi
Institut BIM Indonesia
Spirit of DCD International Conference

1. To build awareness to adopt BIM in Indonesian construction industry
2. To build a synergy of BIM implementation between construction stakeholders (owners, contractors, consultants, manufacturers, etc)
3. To accelerate the implementation of (digital) construction technology in Indonesia
4. To drive Indonesian construction technology as one of the most advanced in ASEAN
The Future of Construction Technology in Indonesia

BUILD BEFORE CONSTRUCT