

# FIDIC Latin America Users' Conference

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## The BIM Revolution and its Impact on FIDIC Contract Management

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London - Dubai



International Federation of Consulting Engineers



Why does BIM affect the  
**FIDIC contracts ?**

A contract doesn't  
**BUILD A PROJECT**  
but...

it can support (or inhibit) the conditions for  
**COLLABORATION**

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# BIM

“Building Information Modelling (BIM) is the management of information through the whole life cycle of a built asset, from initial design all the way through to construction, maintaining and finally de-commissioning, through the use of digital modelling.

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BIM is all about collaboration – between engineers, owners architects and contractors in a three dimensional virtual construction environment (common data environment), and it shares information across these disciplines.”



# DRIVERS FOR CHANGE

Client FM, whole life building management

Contractor, cost efficacy

Design team and specialist coordination

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## Governments

UK Government 2016

Dubai DM Circular 207, 23/07/2015

Major Public Projects

## International Feedback



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# FEDERATED MODEL

## CONTRIBUTORS to the Model

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# COLLABORATION

ROLES & RESPONSIBILITIES

INFORMATION MANAGEMENT

PROTOCOLS for DESIGN DATA

Project Specific REQUIREMENTS

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# CONTRACTUAL ISSUES

## Collaborative Working

Good Faith

Reasonable Skill and care / Fitness for purpose

## Coordination of information

BIM Manager

Common protocol

Levels of detail

Key stages

Reviews of design

## Intellectual Property rights

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# CONTRACT AMENDMENTS ?

FIDIC

White Book: Professional services

Rainbow suite: Construction contracts

Sub-contract

Existing Contracts: NEC4, ICC Infrastructure; CIOB

Existing Guidance: JCT, PPC2000

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# PROTOCOLS

AIA Doc E202, BIM Protocol Exhibit (2008)

CIC BIM Protocol

Consensus Docs 301 BIM Addendum (2008)

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# TOPICS FOR FOCUS!

BIM Protocol / Execution Plan

Responsibility and Liability

Ownership/IP

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# CLAUSES TO CONSIDER IN MAIN CONTRACT

Definitions and roles: 1.1, 1.5, 1.8-1.14, 3.1

Design: 4.1, 5(YB)

Processes: 3.3, 4.21, 8.3, 10, 13.1

Liability

Ownership

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