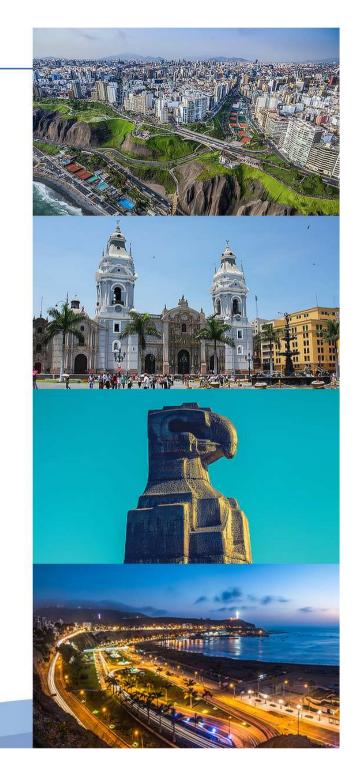
FIDIC Latin America Users' Conference

The BIM Revolution and its Impact on FIDIC Contract Management

Christopher Miers London - Dubai





Why does BIM affect the

FIDIC contracts?

A contract doesn't

BUILD A PROJECT

but...

it can support (or inhibit) the conditions for

COLLABORATION





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.

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

Governments

UK Government 2016 Dubai DM Circular 207, 23/07/2015 Major Public Projects

International Feedback





FEDERATED MODEL

CONTRIBUTORS to the Model





COLLABORATION

ROLES & RESPONSIBILITIES
INFORMATION MANAGEMENT
PROTOCOLS for DESIGN DATA

Project Specific REQUIREMENTS



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

International Federation of Consulting Engineers



CONTRACT AMENDMENTS?

FIDIC

White Book: Professional services

Rainbow suite: Construction contracts

Sub-contract

Existing Contracts: NEC4, ICC Infrastructure; CIOB

Existing Guidance: JCT, PPC2000

PROTOCOLS

AIA Doc E202, BIM Protocol Exhibit (2008)

CIC BIM Protocol

Consensus Docs 301 BIM Addendum (2008)





TOPICS FOR FOCUS!

BIM Protocol / Execution Plan Responsibility and Liability Ownership/IP





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

