CONNECTING THE DOTS TO DELIVER HIGH-PERFORMING BUILDINGS

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PATHWAY TO INTEGRATING PROJECT DELIVERY

• Economics & Value
• The High Performing Building
• Complexity & Interdependence
• Simple Framework for Integrating Project Delivery
ECONOMICS OF PROJECT DELIVERY
Value for Building Owners / Operators

Image adapted from Dr. Martin Fischer, CIFE IAB, 2011
INTEGRATED SYSTEMS
Systems must be tightly integrated
A HIGH PERFORMING BUILDING

Usable
- Safe
- Functional
- Light / open
- Comfort
- Aesthetics
- Acoustics

Operable
- Safety
- Energy / water use
- Building operations
- Maintenance

Buildable
- Cost
- Schedule
- Quality

Sustainable
- Economic
- Equitable
- Environmental

Usable
- Comfort
- Aesthetics
- Acoustics

Operable
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Buildable
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Sustainable
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- Equitable
- Environmental
A Massively Complex Project
INTERDEPENDENCE
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CREATING INTEGRATION
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THE SIMPLE FRAMEWORK
for Integrating Project Delivery

- Measurable Value
- Production Management
- Collaboration Co-location
- Visualization Simulation

- High Performing Building
- Integrated Systems
- Process Integration
- Integrated Organization
- Integrated Information

Agreement / Framework

- Measurable Value
- Production Management
- Collaboration Co-location
- Visualization Simulation

- High Performing Building
- Integrated Systems
- Process Integration
- Integrated Organization
- Integrated Information

Agreement / Framework
EVERYTHING IS INTERCONNECTED

**Measurement**

**Simulation**

**Visualization**

**Collaboration**

**Location**

**Project**

**Production**

**Management**

**Building Information Modeling**

**Integrated Systems**

**Integrated Processes**

**Collaboration Co-Location**

**Framework / Agreement**

**Integrated Information**

**Measurement**

**Integrated Organization**

**Measurement**

**Measurement**

**Integrated Information**

**Measurement**

**Measurement**
CAN YOU SEE THIS IN
IN YOUR OWN?