AUTODESK

BIM & GIS Convergence

Marek Suchocki

Head of Industry Associations Strategy

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BIM

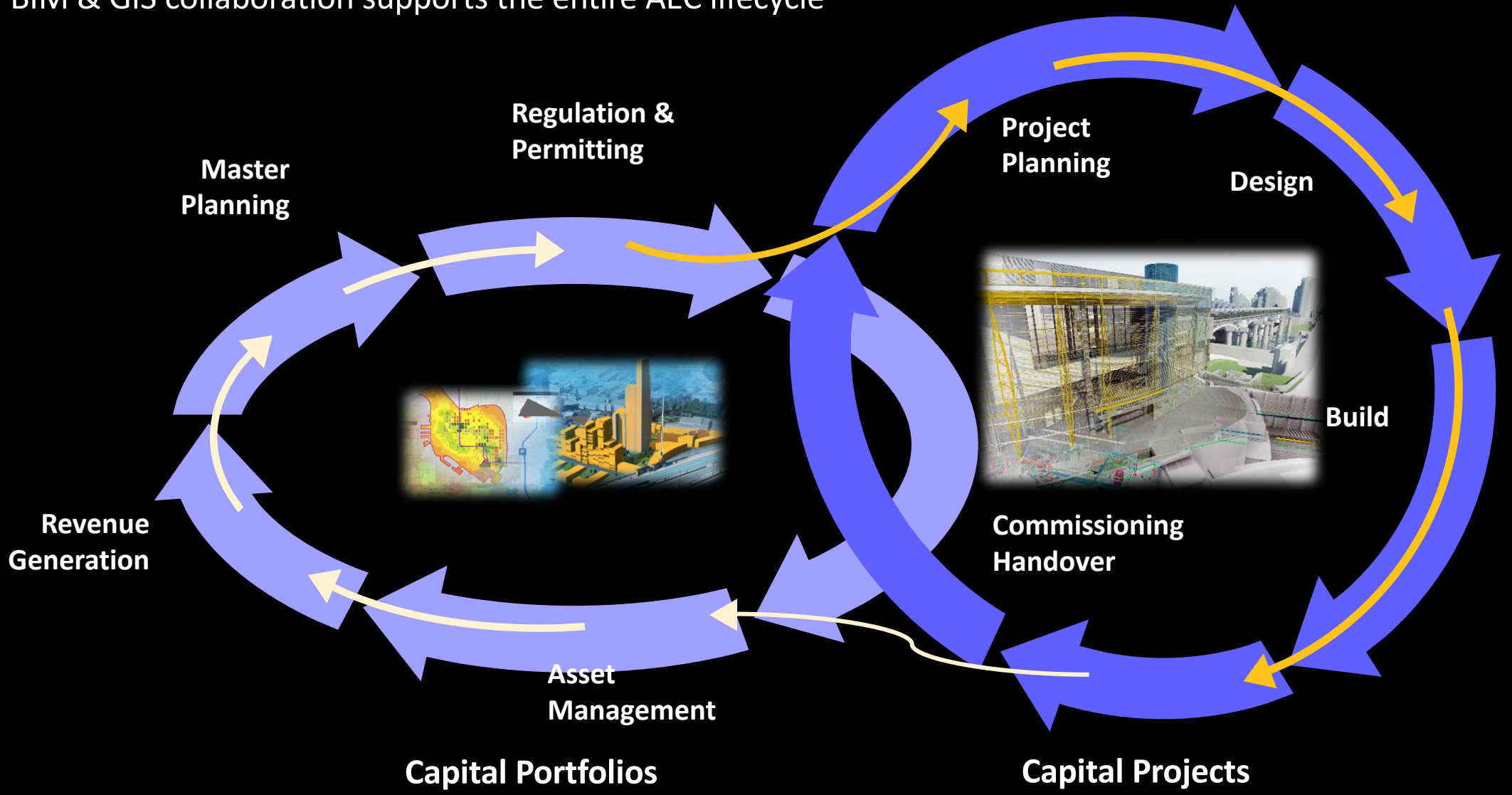
Supplies detailed information about *built assets.*

GIS

Provides information about assets in the context of the *built* and *natural environment.*

GIS Informs BIM – BIM Fuels GIS

BIM & GIS collaboration supports the entire AEC lifecycle



Industry Challenges | BIM+GIS

DISCONNECTED DATA & WORKFLOWS

- Siloed Data
- Project inefficiency
- Data uncertainty and currency

Impact

- High cost of lost & inaccurate data

LOCATION AWARENESS

- Lengthy approval process
- Sustainability and resiliency
- Permitting delays

Impact

- Community pride decreases

PROJECT COMPLEXITY

- Collaboration across teams
- Uninformed decision making
- Aging Infrastructure rehabilitation

Impact

- Project delays and poor decisions

Autodesk Customer Survey

237 Customers

Customers needing GIS integration into BIM product

93%

GIS data is important to daily work

83%

Current GIS integration is easy

20%

Increasing Demand for BIM & GIS Interoperability

28%

Average Design Time Saved

90 Days

Average Construction Time Saved

13%

Average Project Cost Saved

Source: Geospatial World Consulting | Based on Project size >10KM in length or 100 Square Kilometers in Area

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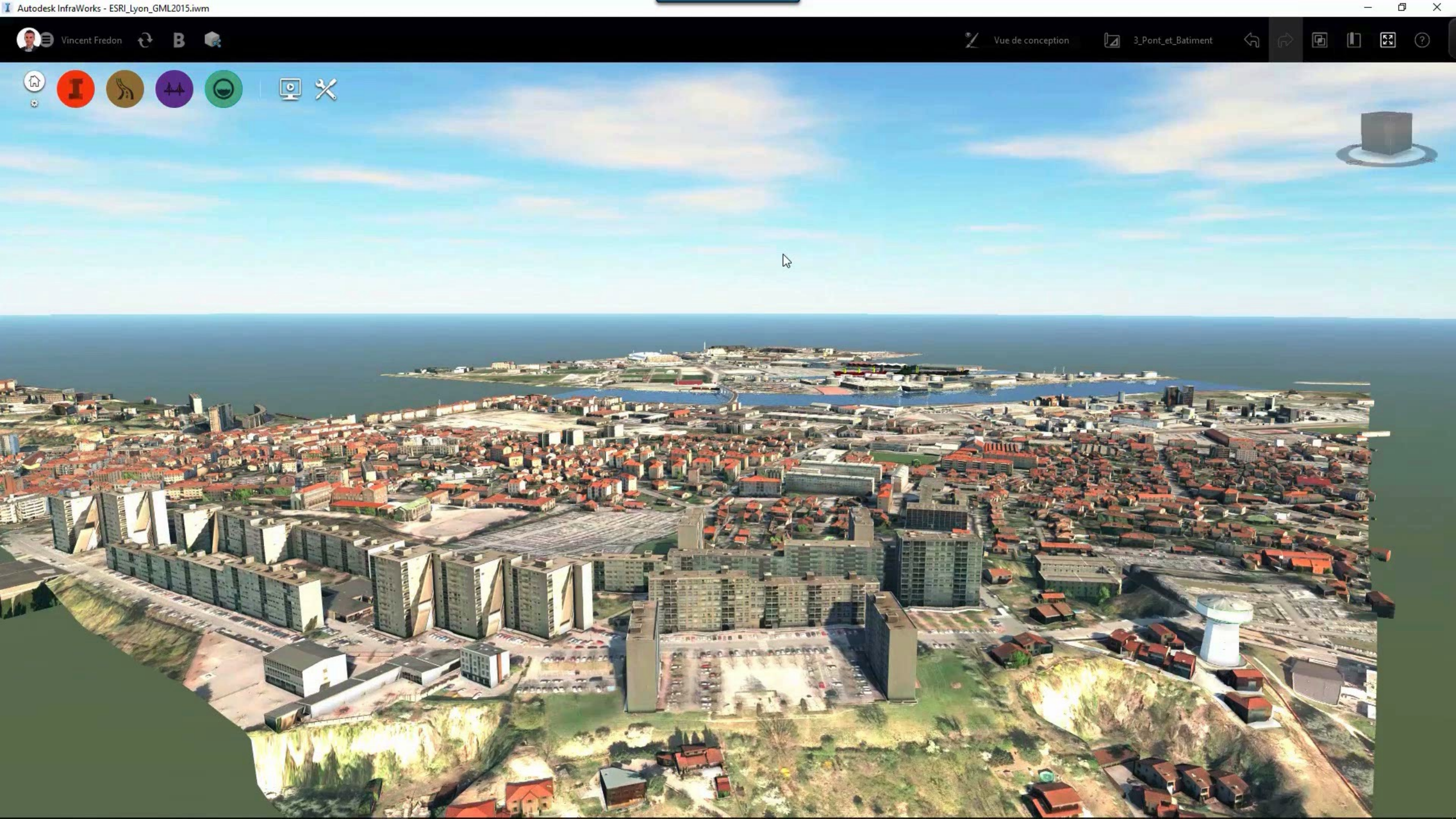
We are not leveraging readily available potential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Vincent Fredon
Vue de conception
3_Pont_et_Batiment

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