#### Session 2: Applying ESG and Geospatial

## ESG for a Better Built Environment: on considerate construction processes

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#### AGENDA

- Presentation on Better Built Environment (15 min)
- Interactive session on (35 min):
  - Investment landscape
  - Priorities for better outcomes for the Built Environment
  - Metrics used to evaluate the investment outcome

Outcome summary & Call to Action (10 min)



#### AIM

- Understand your role in the Built Environment to drive better outcomes
- Discuss how we get Better Outcomes from our Investments
- Discuss how the link between Digital and Physical can help to get Better Outcomes

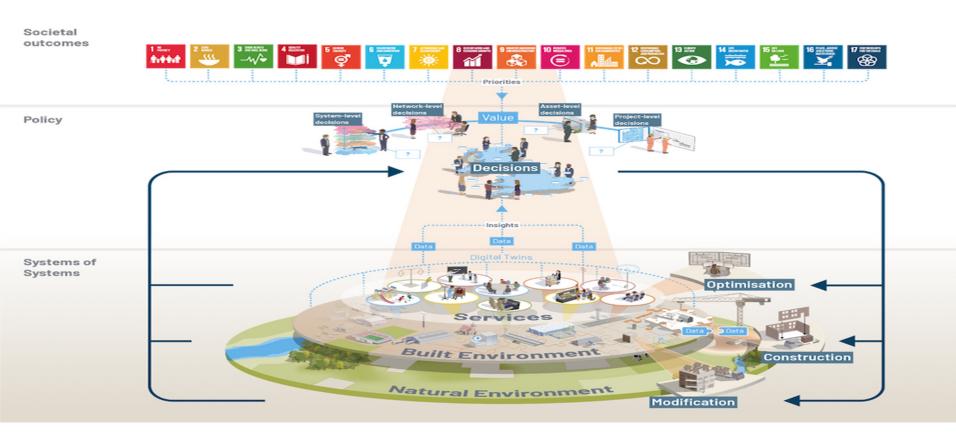


#### A BETTER BUILT ENVIRONMENT





#### A NEW MODEL FOR THE BUILT ENVIRONMENT



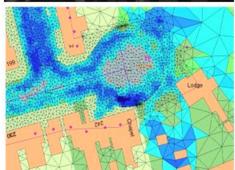
#### A BETTER BUILT ENVIRONMENT

Digital technology and innovative use of data is changing the way we, build, maintain and use our existing healthcare infrastructure.

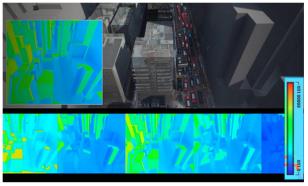
Building Information Modelling (BIM) and Information Management are already transforming the construction industry

This technology is increasingly combining with **Geomatics**, the **internet of things** (providing sensors and other information), **advanced data analytics** and the **digital economy**.





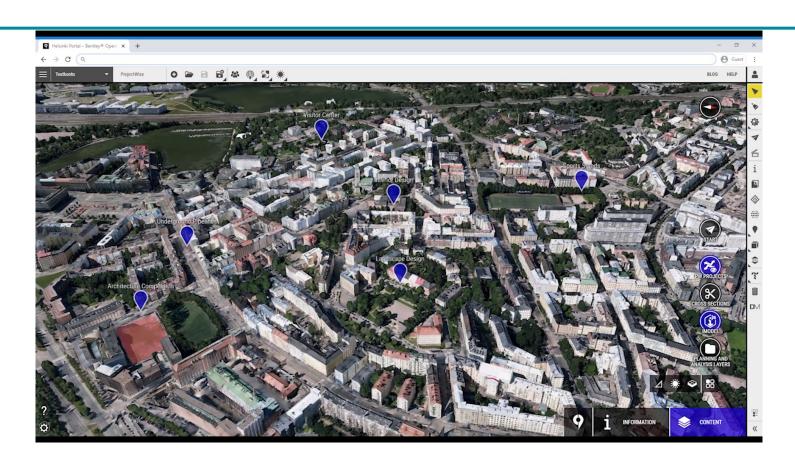




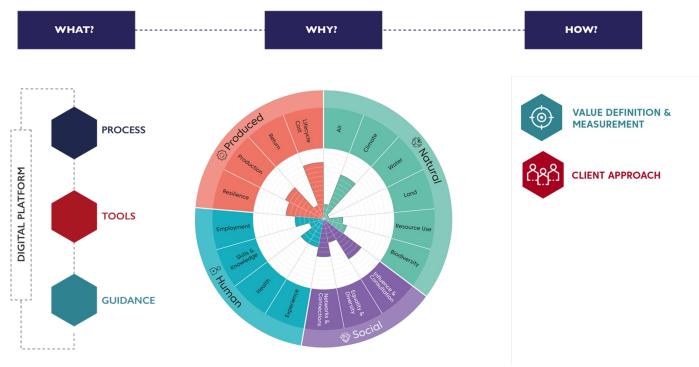
#### **Built systems** SUSTAINABLE DEVELOPMENT GALS Data Physical Digital Outcomes Insights Twin Outcomes Twin for people and nature Interventions **Decisions**

Natural systems

#### GEO-SPATIAL DIGITAL PLATFORM Video



#### The Value Toolkit Overview





#### STATIC ASSESSMENT vs DYNAMIC PREDICTION Exploiting the Digital Potential in order to change the Approach?



### Q&A





# Question 1 – 3 min Who are you? Describe your investment landscape

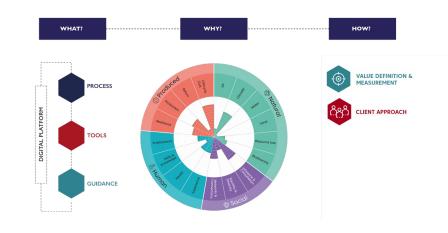
#### For example:

Property Developer/Build&Flip Property Developer & Operator PPP Investment Funder Main Contractor (Funder/D&B) Real Estate Investment Trust Pension Funds Mezzanine Dept Funder Investment Advisor ....

#### Question 2 -10 min

## Which are your priorities for a better Built Environment?

Natural capital
Social capital
Human capital
Produced capital



#### Question 3 - 5 min

## How do you test multiple investment scenarios?

#### Such as

- Sensitivity analysis
- Scenarios-based
- Model Planning
- Circular Economy Modelling
- Strategic Asset Management Analysis

#### Question 3a - 2 min

## How important is ESG to your investment decision?

From 1 to 5 where 1 is very low and 5 very high

# How important is Securitisation to your investment decision?

From 1 to 5 where 1 is very low and 5 very high

#### Question 4 – 5 min

## Which metrics do you use to evaluate the investment outcome?

Financial

Non-Financial

Qualitative

Quantitative

Question 5 – 5 min

## Where do you believe ESG can drive a Better Built Environment?



#### OUTCOME SUMMARY

and

CALL TO ACTION

### Thanks

Marzia Bolpagni



**David Philp** 

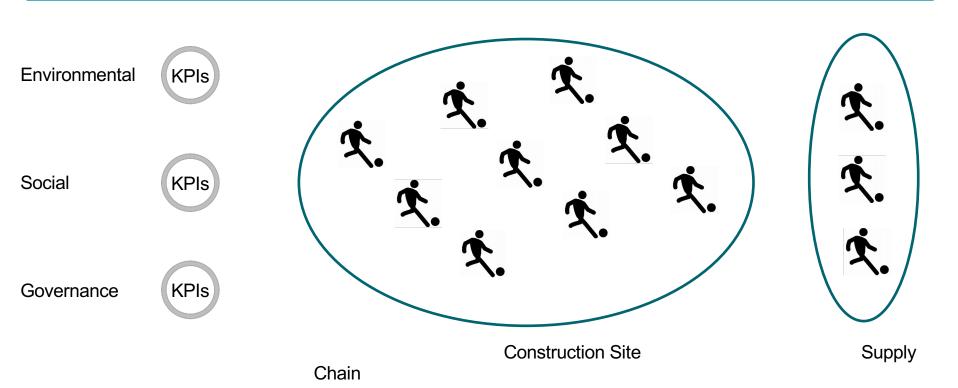


**Angelo Ciribini** 



### Annex

#### ON REAL TIME METRICS 4 ESG Where is staying the Referee?



#### A GEO-SPATIAL DIGITAL PALTFORM

