



# SMART STATIONS IN SMART CITIES

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## BIM - SMART STATIONS LIFECYCLE MANAGEMENT

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Parallel session 7. Smart Design

UNDER THE HIGH PATRONAGE OF



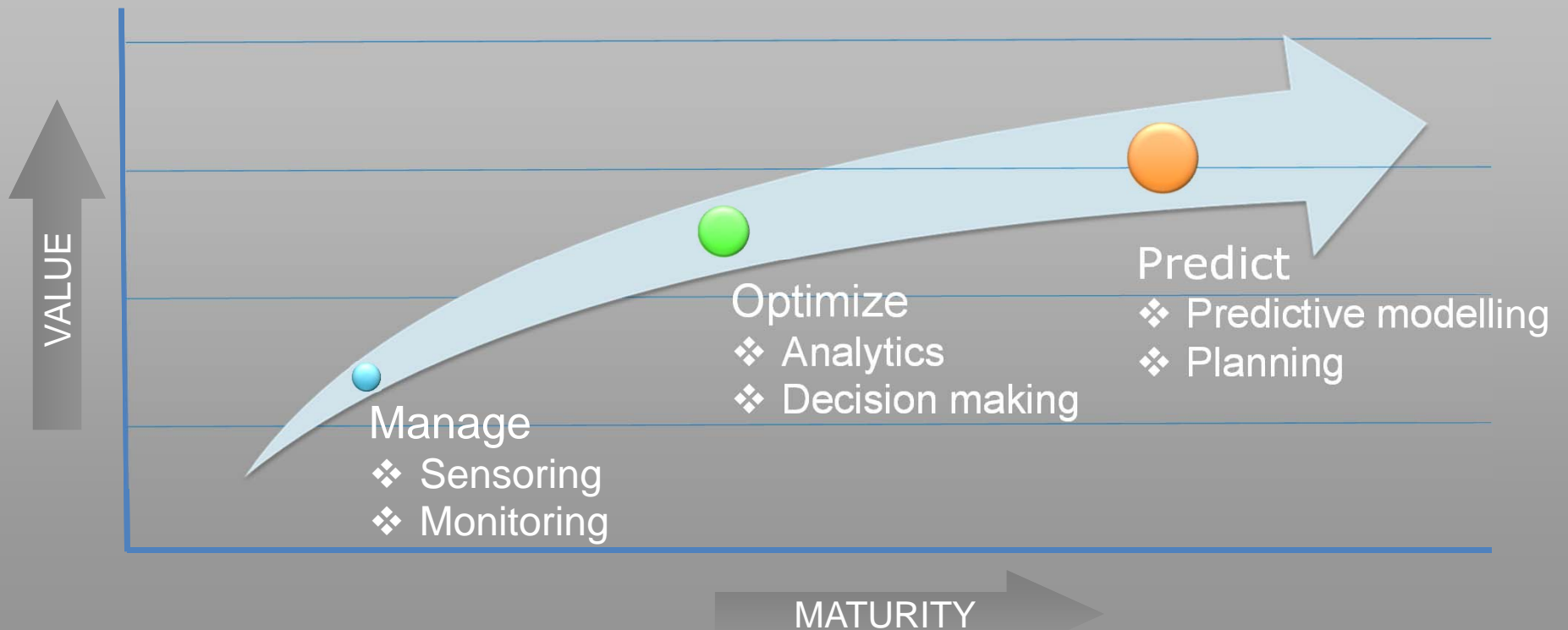
ORGANISERS

## SMART PHILOSOPHY

Dual approach:

- ▶ **Technically oriented:** instrumented, interconnected and intelligent
- ▶ **Governance-oriented:** social capital and relations

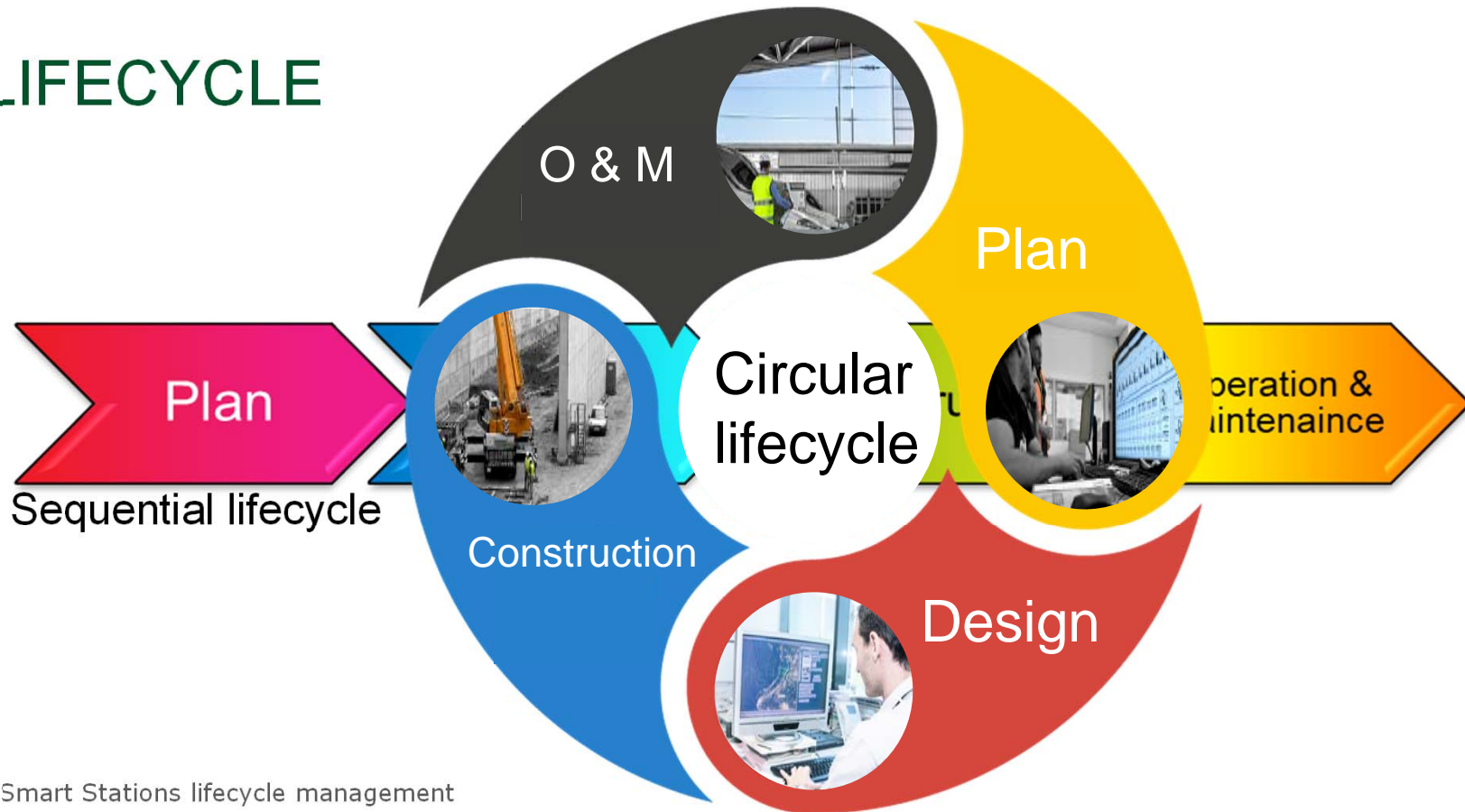
# TO INTELLIGENT SOLUTIONS



# INFORMATION



# LIFECYCLE



# BIM Methodology



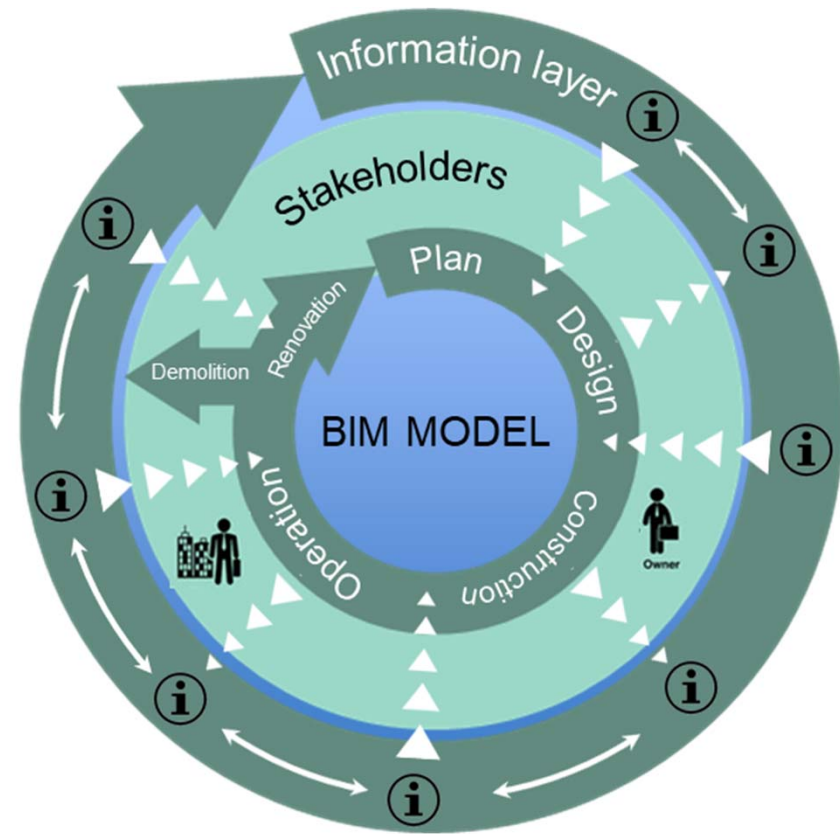
Sustainability



Safety



Commitment



# Digital twin



## Single source of truth

- ❖ Centralized information
- ❖ Reliable information
- ❖ Updated information
- ❖ Available information
- ❖ Traceable information



## Simulation. Making decisions



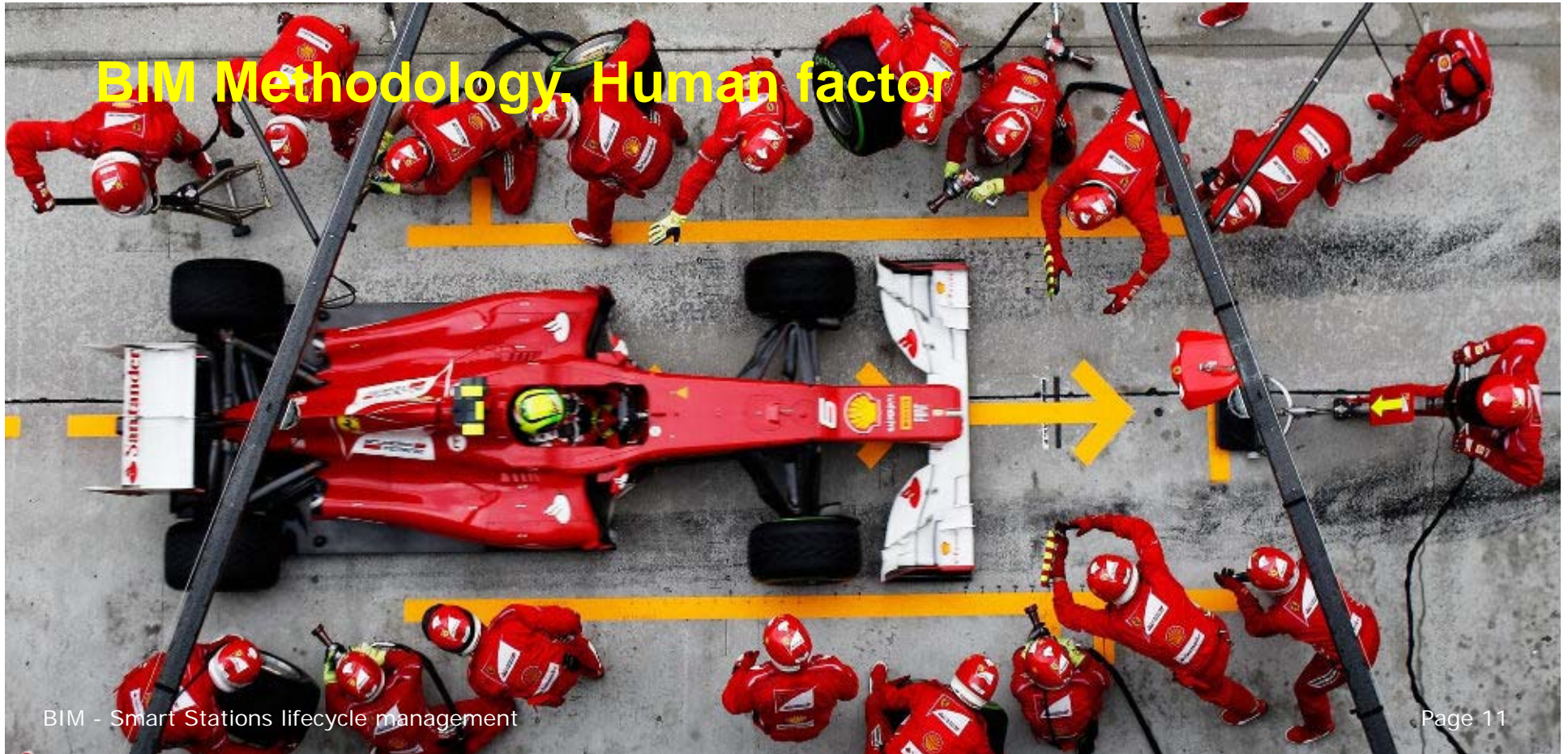
## Changing the way



## Interoperability

- ❖ **Organizational:** among the different agents
- ❖ **Semantic:** interchangeable information interpretable automatically and reusable
- ❖ **Technical:** open standards and specifications
- ❖ **Temporary:** sustained over time

# BIM Methodology, Human factor





THANK YOU  
GRACIAS

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