



# Sustainable urban development and construction logistics

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# Acknowledging the need of time and space for freight

- How do we plan for a joint utilisation of space and time?



# Inre Hamnen – an example of a project



Where are the goods?

Where are the trucks?

How do we make sure that goods and resource arrive/removed when needed?



# Construction transport

- 90% on road
- 20% of the transported weight in Sweden is construction related
- 50% of the urban freight transports are construction related
- 6-8% of the CO<sub>2</sub> emissions in a construction project are transport related (Yang et al., 2010)



Foto: Thor Balkhed

# Different perspectives

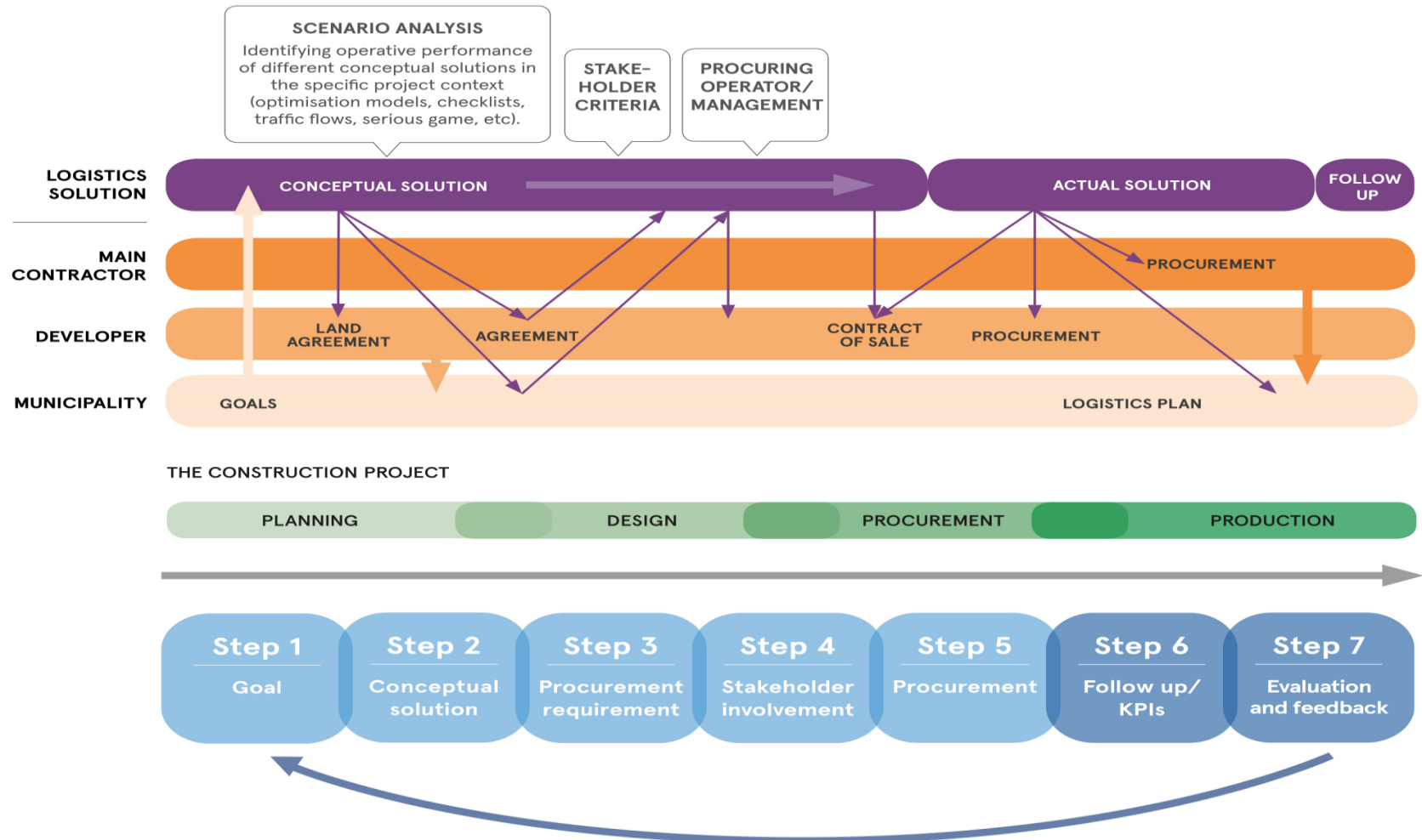


# MIMIC - SMART Governance

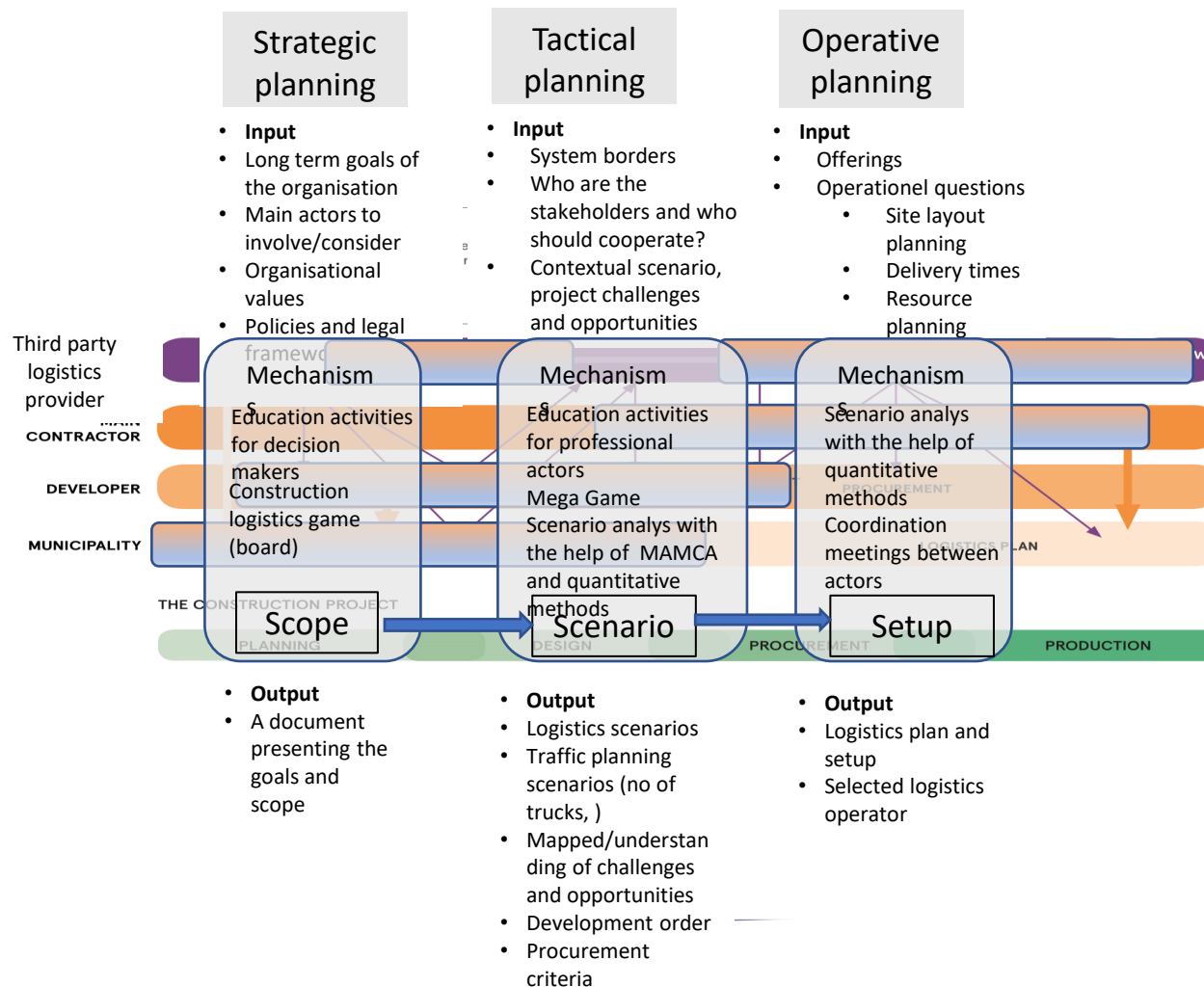


Control, planning and coordination of  
construction logistics through  
cooperation

# SMART Governance 1.0 - CIVIC



# SMART Governance Concept 2.0 - MIMIC





# mimic

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