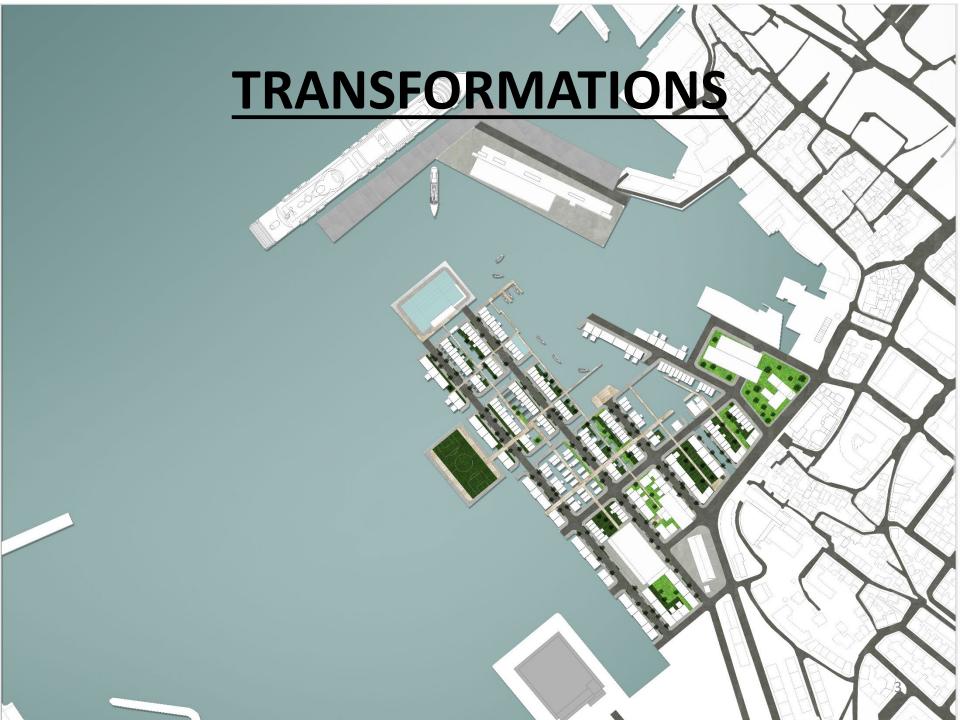
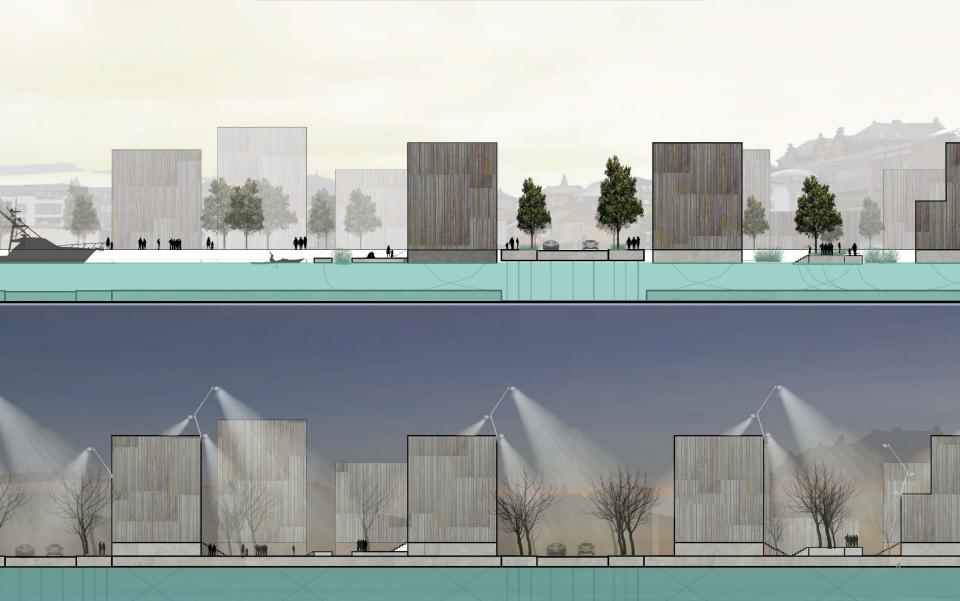
## ADAPTABLE URBAN FABRICS

Urban Design in waterfront areas with high climatic and urbanization variability, in Bergen, Norway

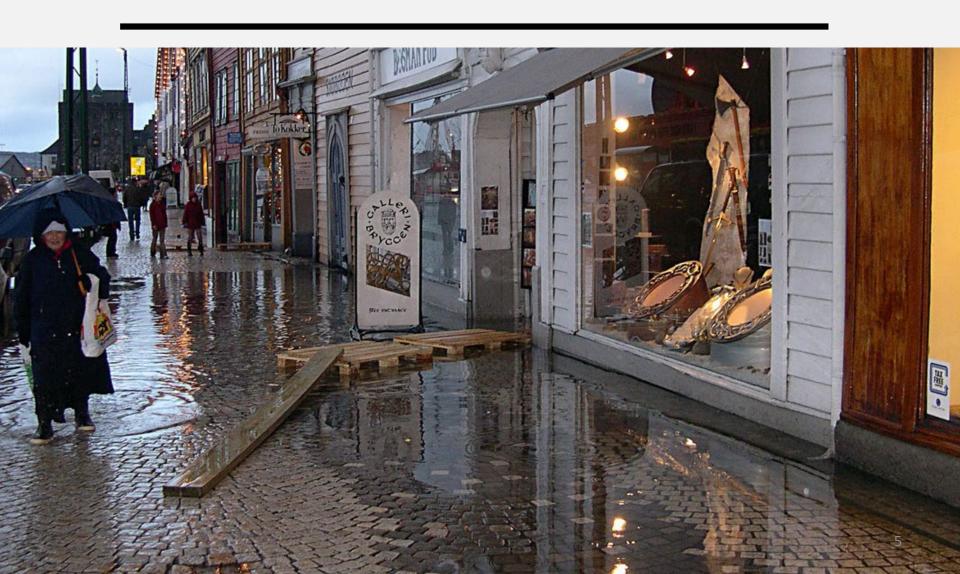




# **URBAN QUALITIES**



## A DESIGN OF ADAPTATION



# **NORTHERN HEMISPHERE**



# **NORWAY**





# **CLIMATE VARIABILITY**



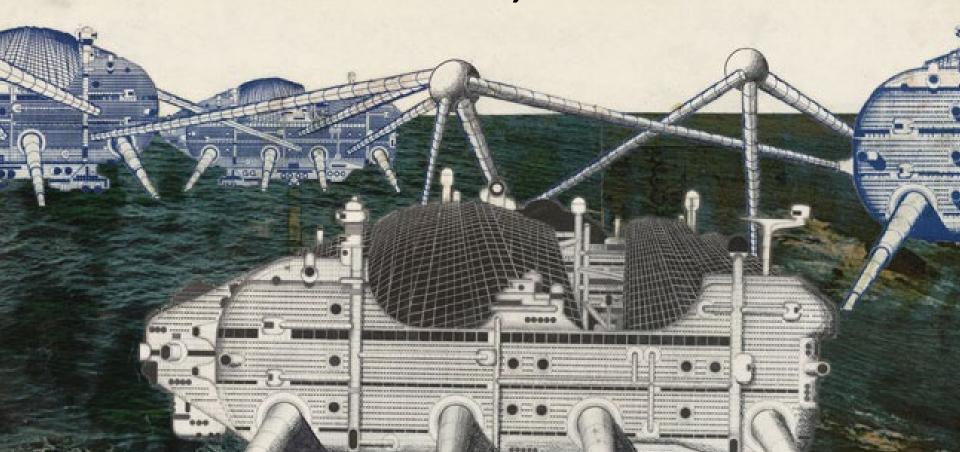


# WATERFRONT CHANGES OF USE

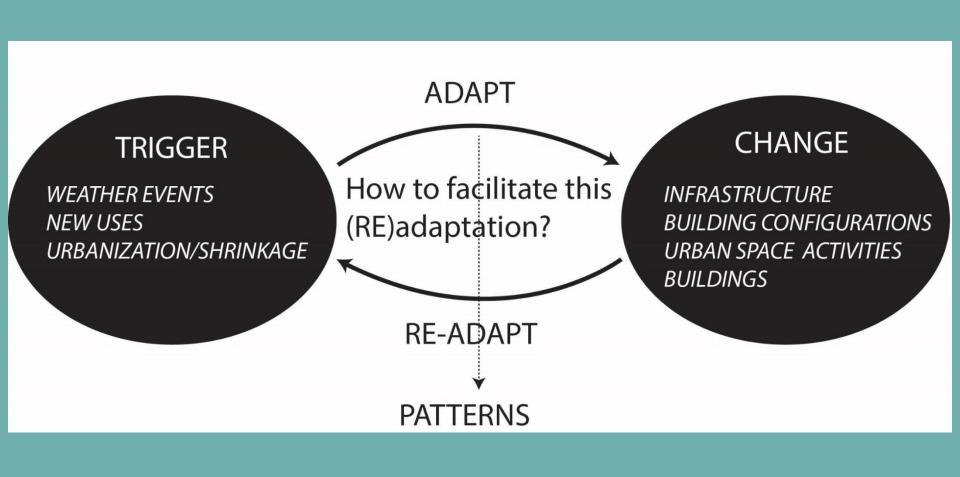


## **VARIABILITY AS OPPORTUNITY**

#### WALKING CITIES, ARCHIGRAM



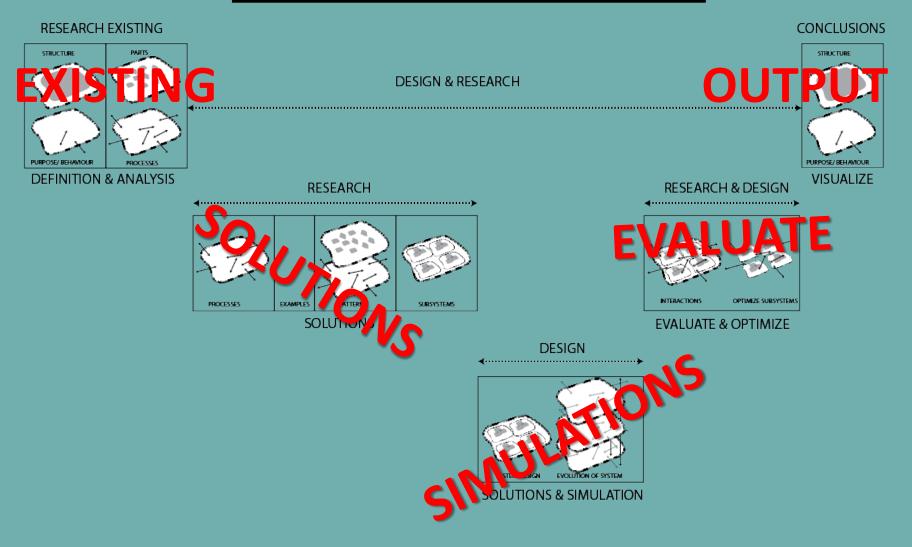
The problem of current waterfront developments in Bergen, Norway is inability TO PLAN FOR CLIMATE CHANGE, USE AND URBANIZATION CHANGES in a more adaptable and flexible way from a PHYSICAL AND TEMPORAL POINT OF VIEW in order to have usable urban spaces.



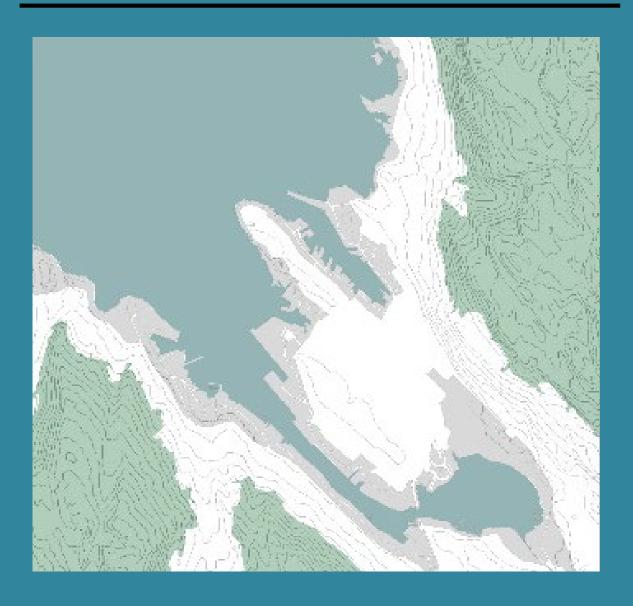
## PREPARE FOR CONSTANT CHANGE



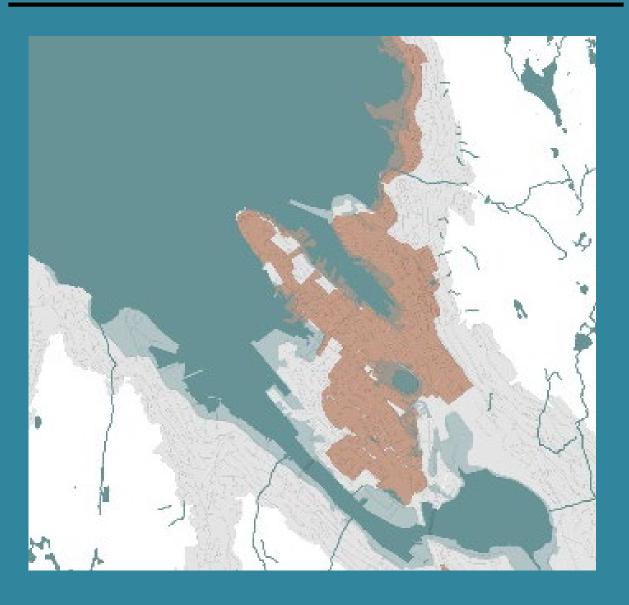
# **HOW TO DESIGN?**



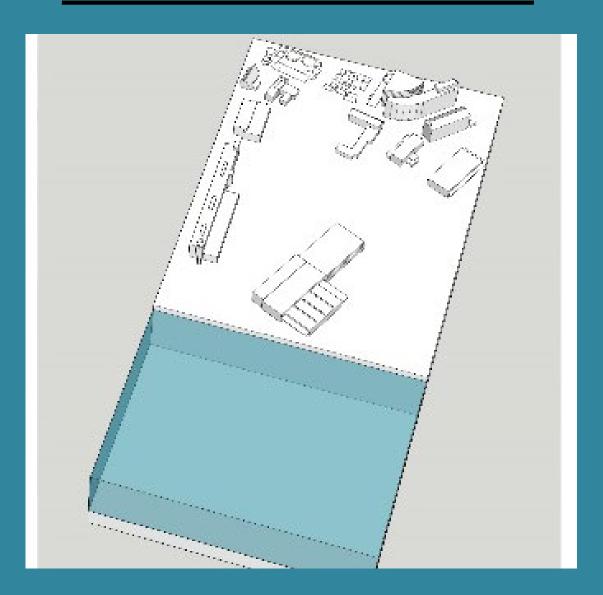
# WATERFRONT BERGEN



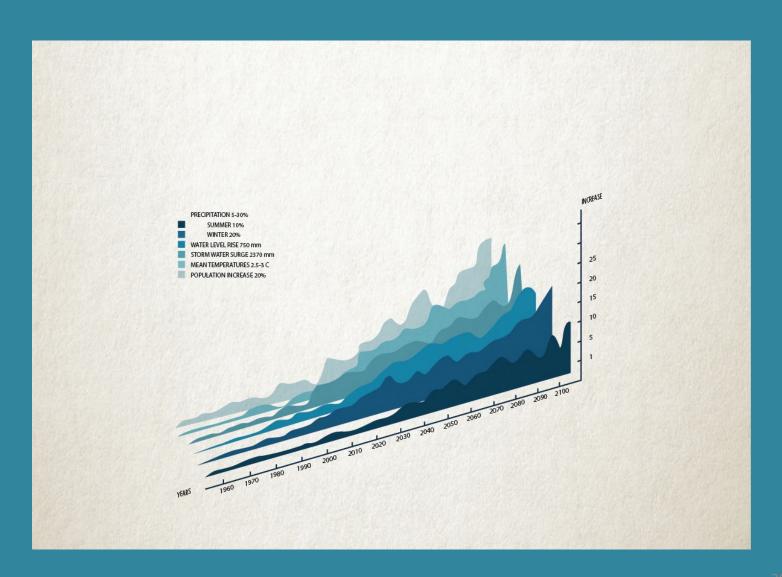
# **POSIBILITY OF CHANGE**



# **HIGHEST CHANGE**



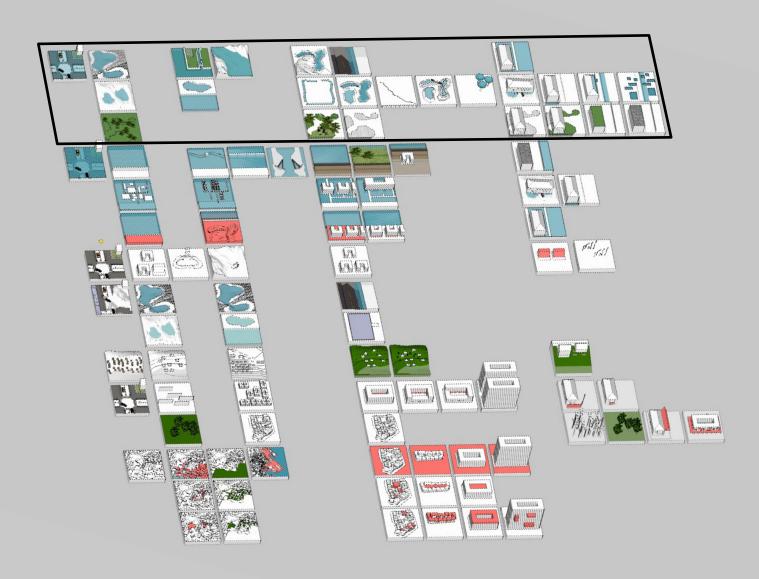
# TIMELINE OF CHANGE



#### **PATTERNS**



#### PATTERNS- PRECIPITATIONS



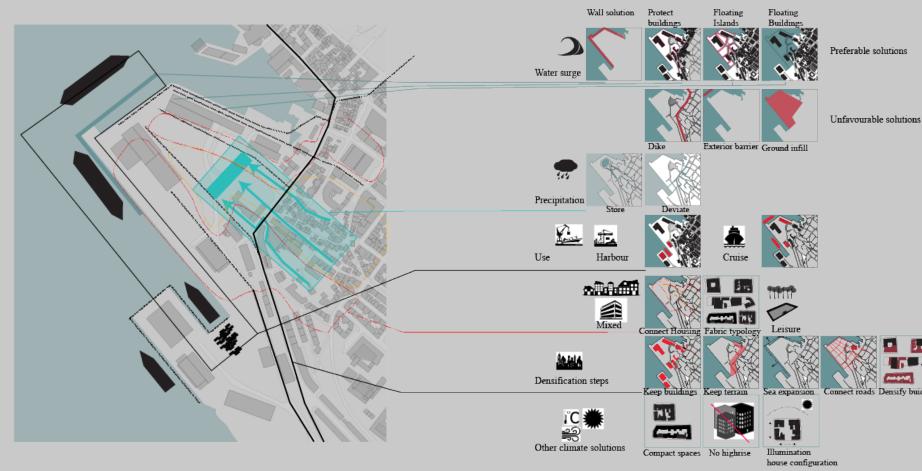
#### **PATTERNS - WATER SURGE**



#### **PATTERNS - URBANISATION**



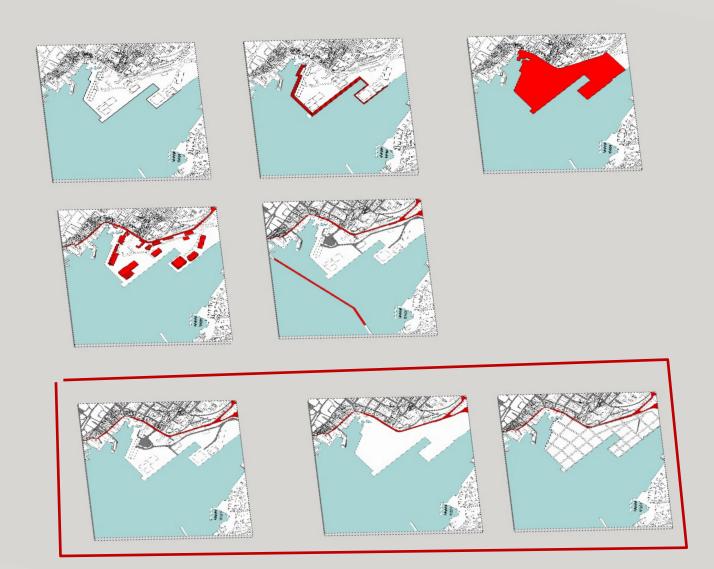
# **STRATEGY**



## STRATEGY WATER SURGE

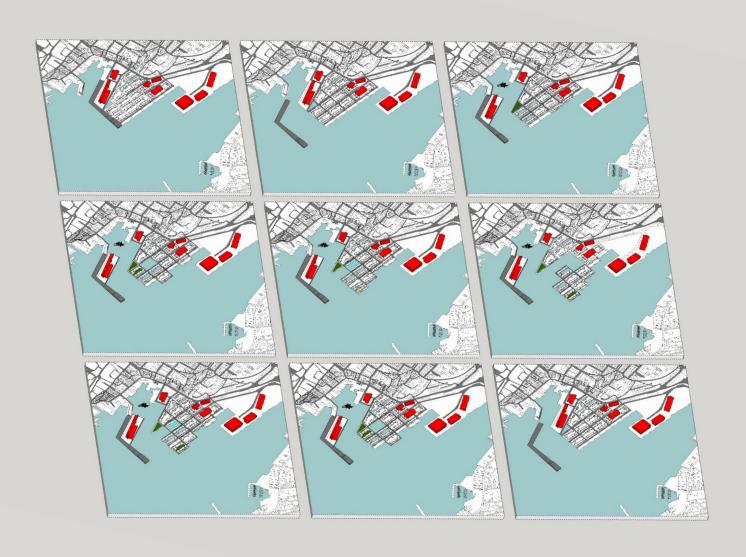


# **TEST SOLUTIONS**

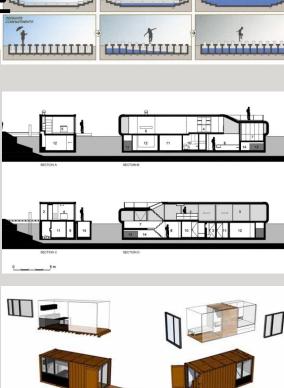


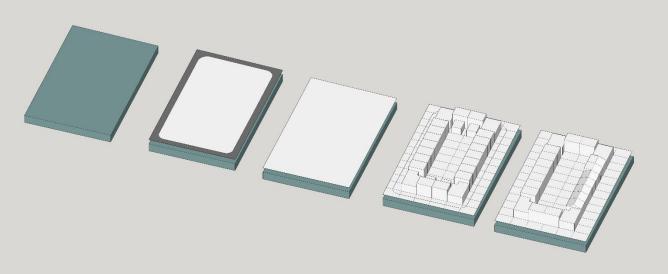
# TESTING FLOATING SOLUTIONS

### **TRANSFORMATION**





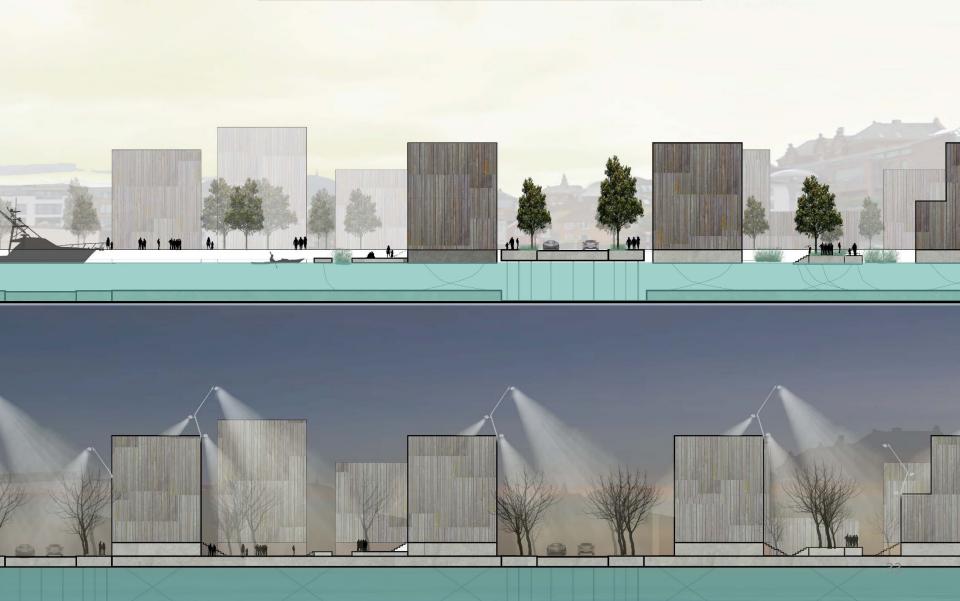




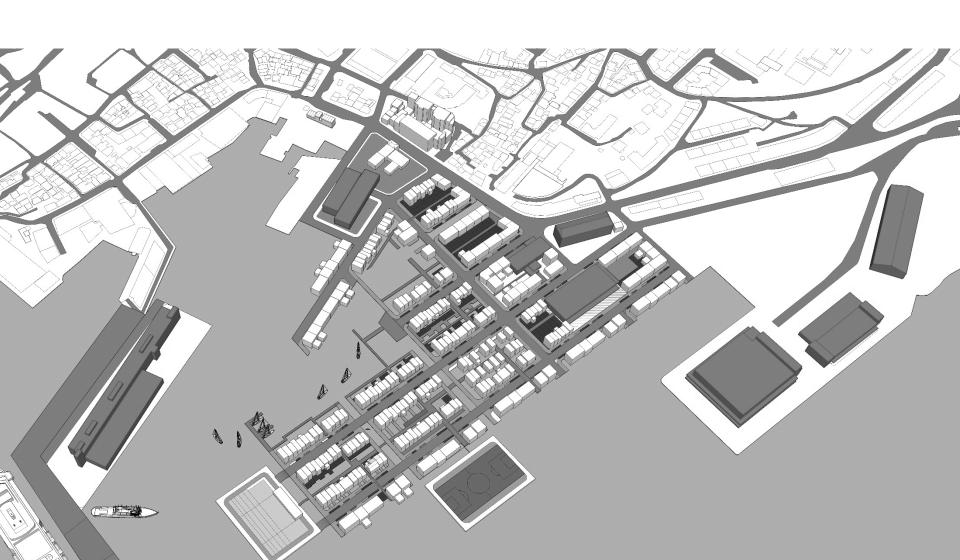




# **URBAN QUALITIES**



#### **DISTINCTIVE VS CONTEXT SENSITIVE**



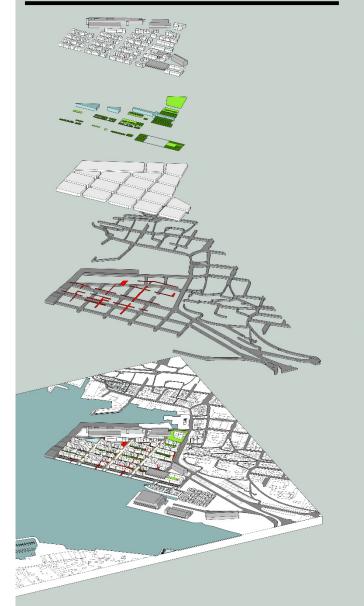
## **DEFINED VS UNDEFINED SPACES**



# **WATER VISTAS**



## **COMPLEXITY**



# **CONCLUSIONS**