

GREEN CERTIFICATION IN LANDSCAPE DESIGN: THE PIRI REIS UNIVERSITY

06.04.2017, Budapest

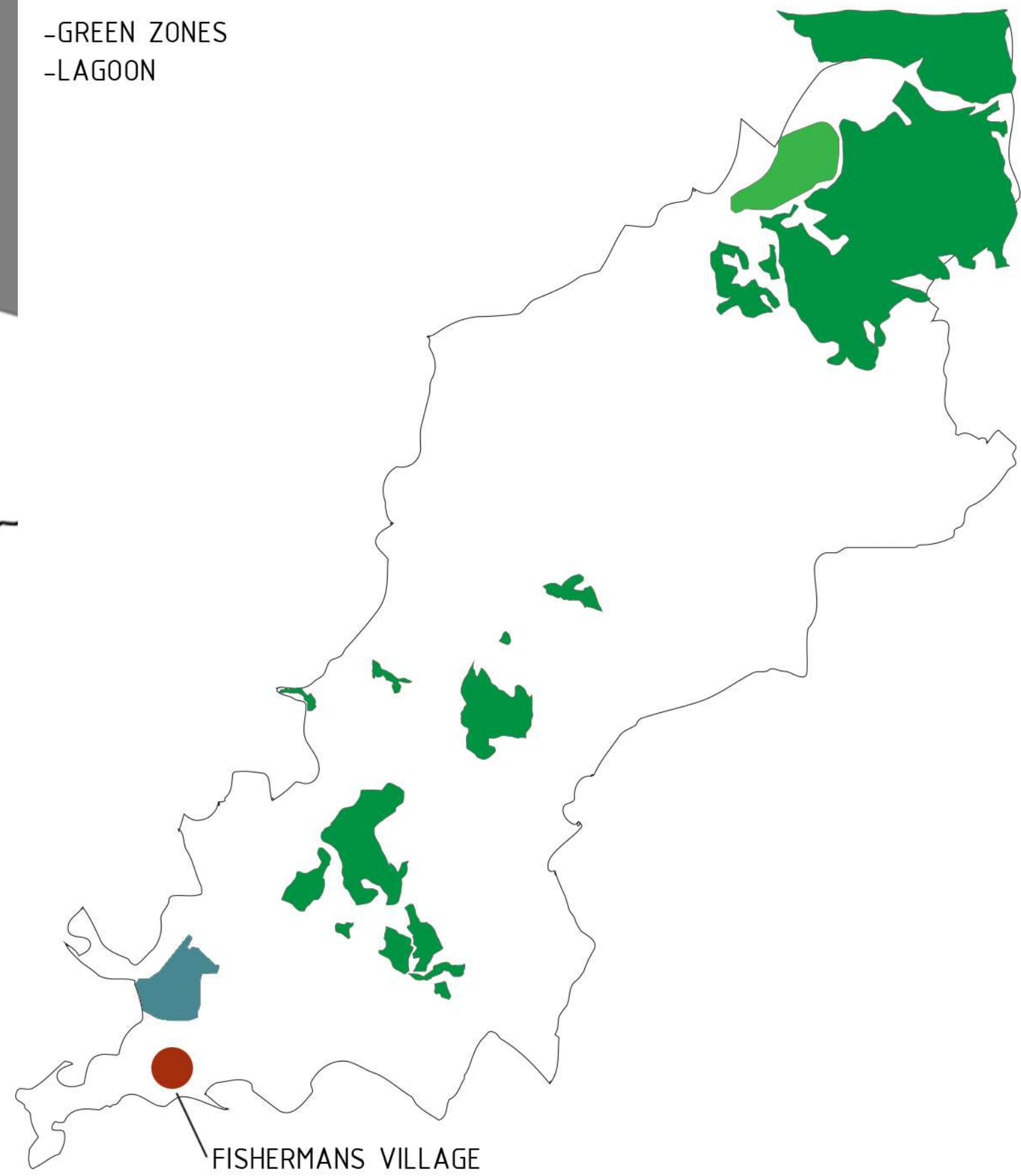


ISTANBUL / TUZLA





-GREEN ZONES
-LAGOON

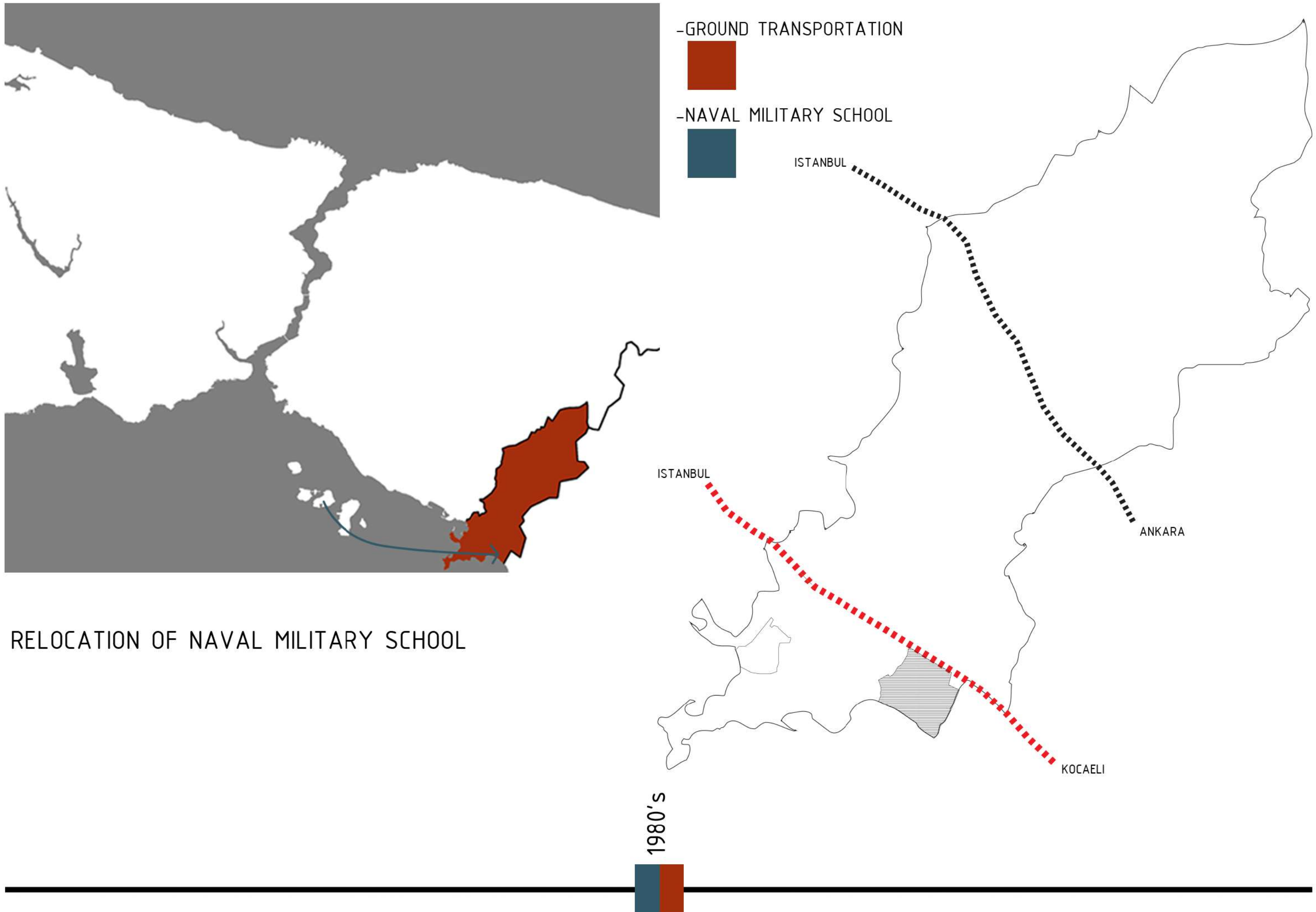


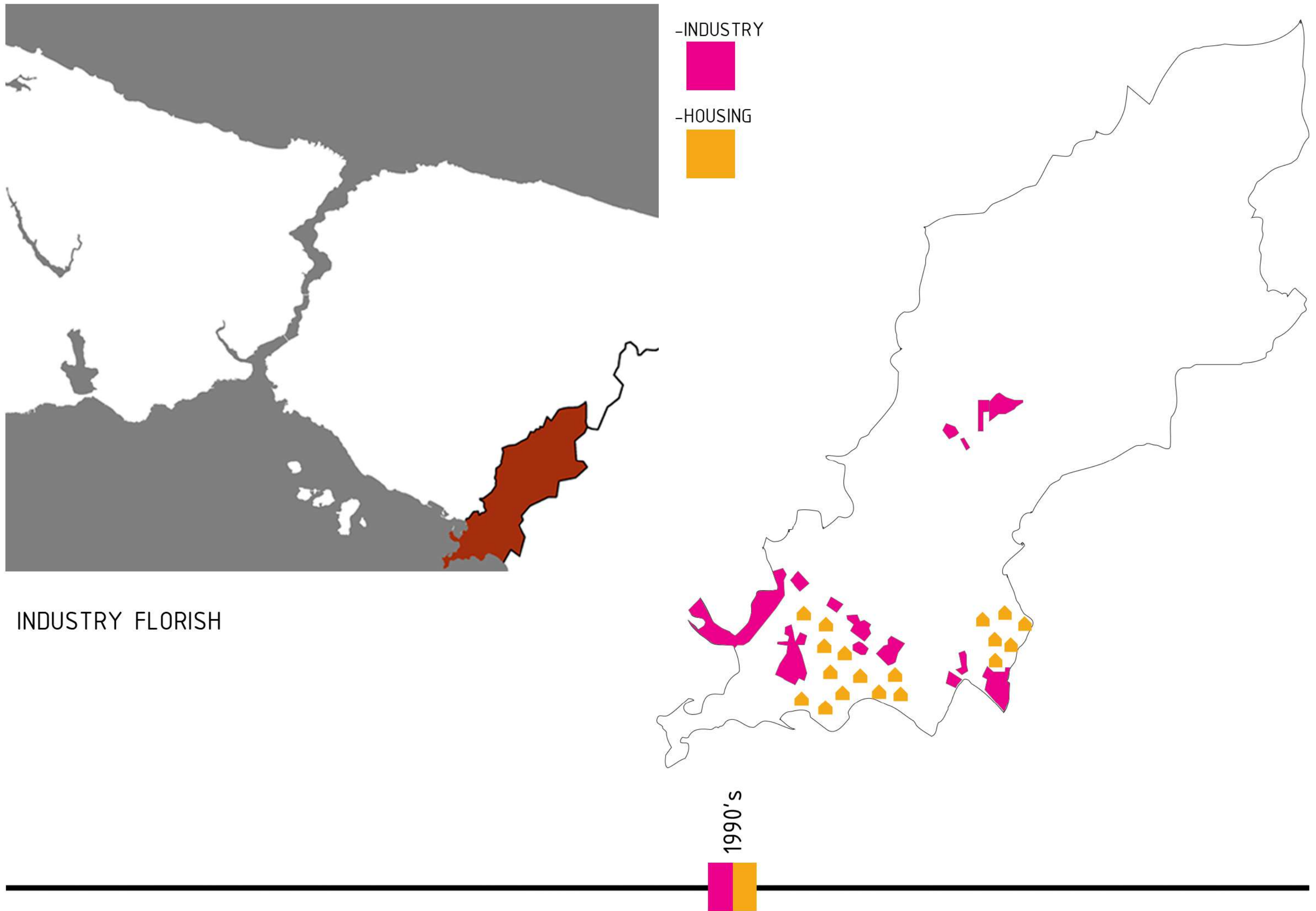
BYZANTIUM

OTTOMAN

TURKISH
REPUBLIC





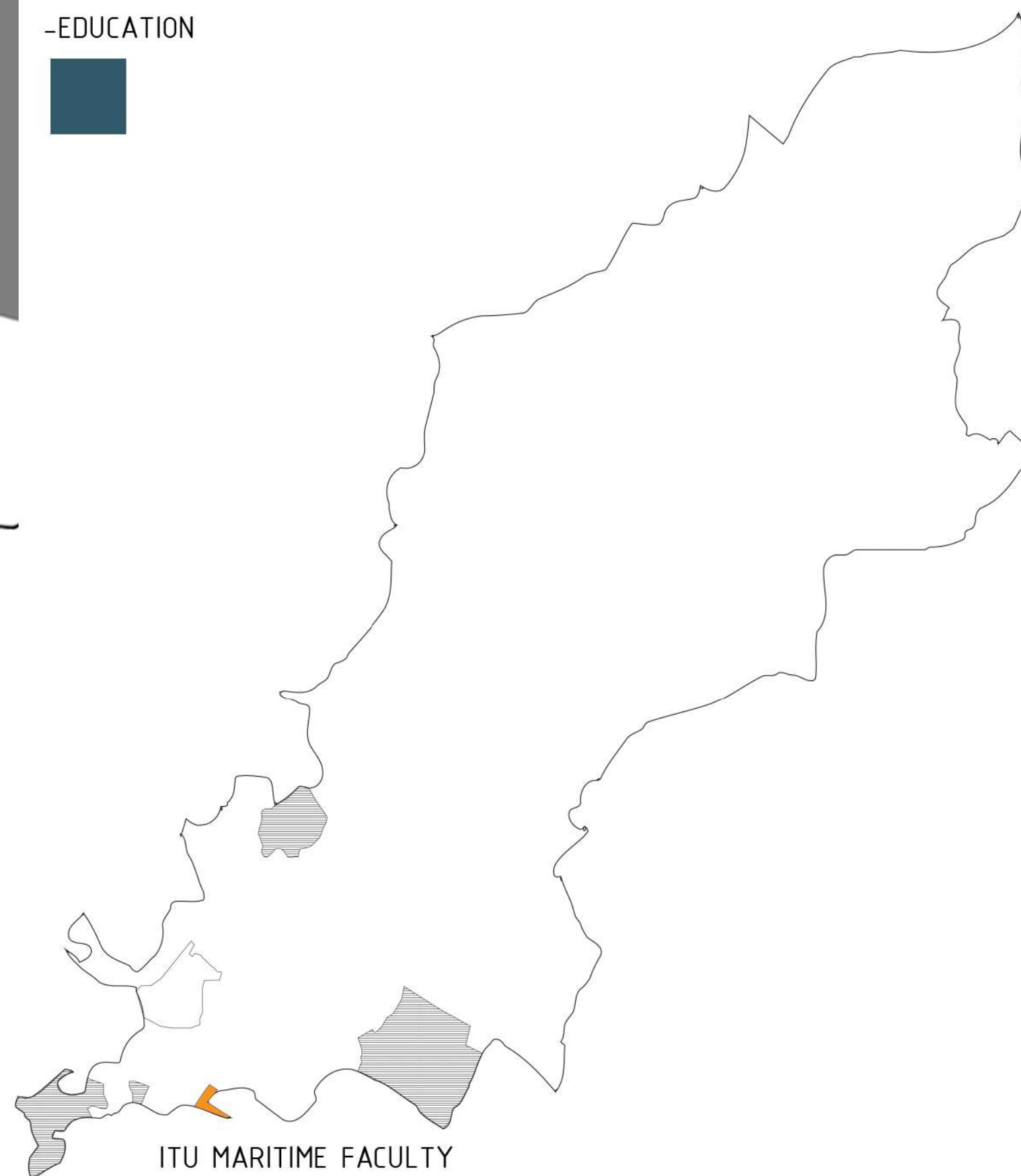




-EDUCATION

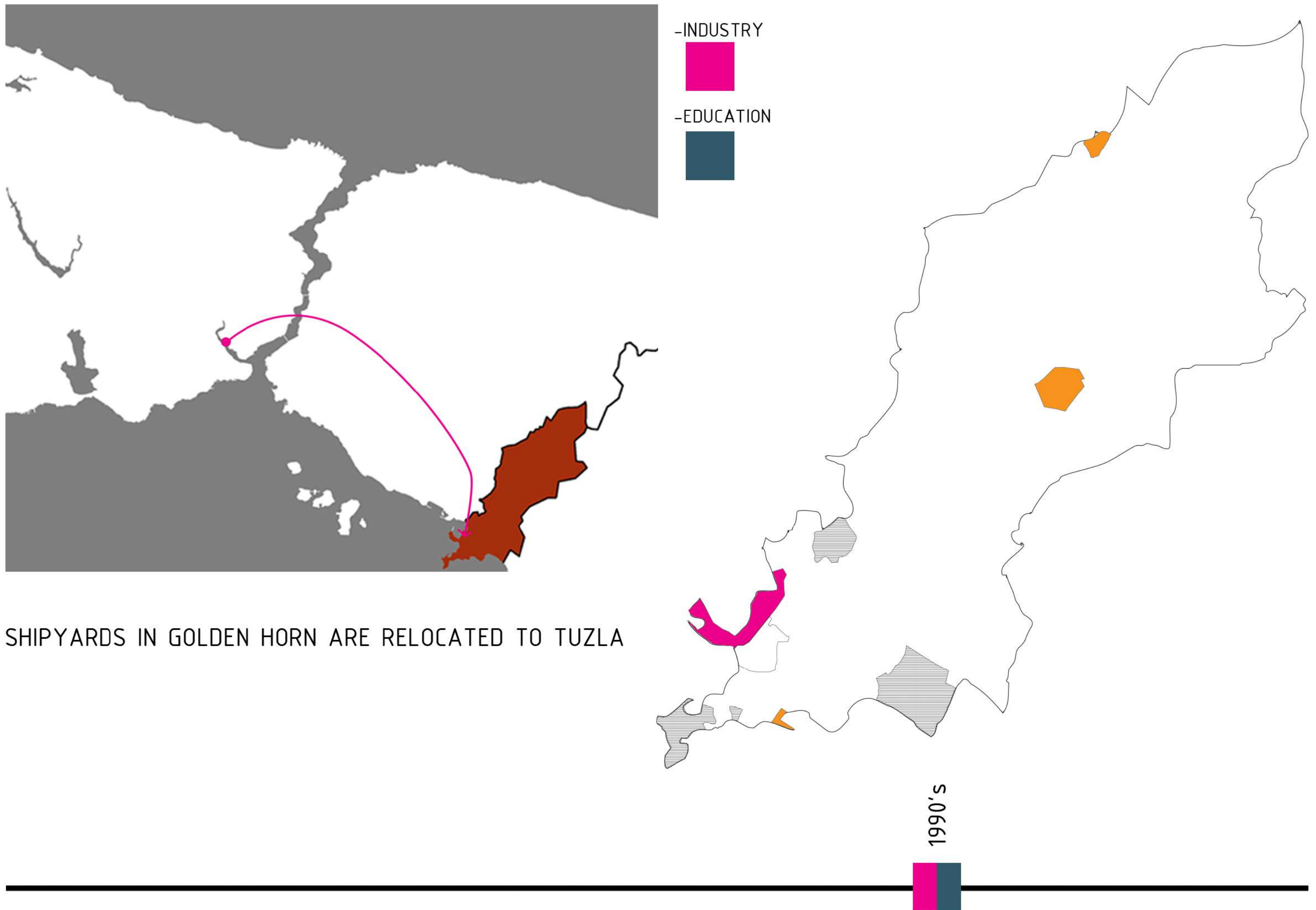


ITU MARITIME FACULTY ESTABLISHED IN TUZLA



1990's



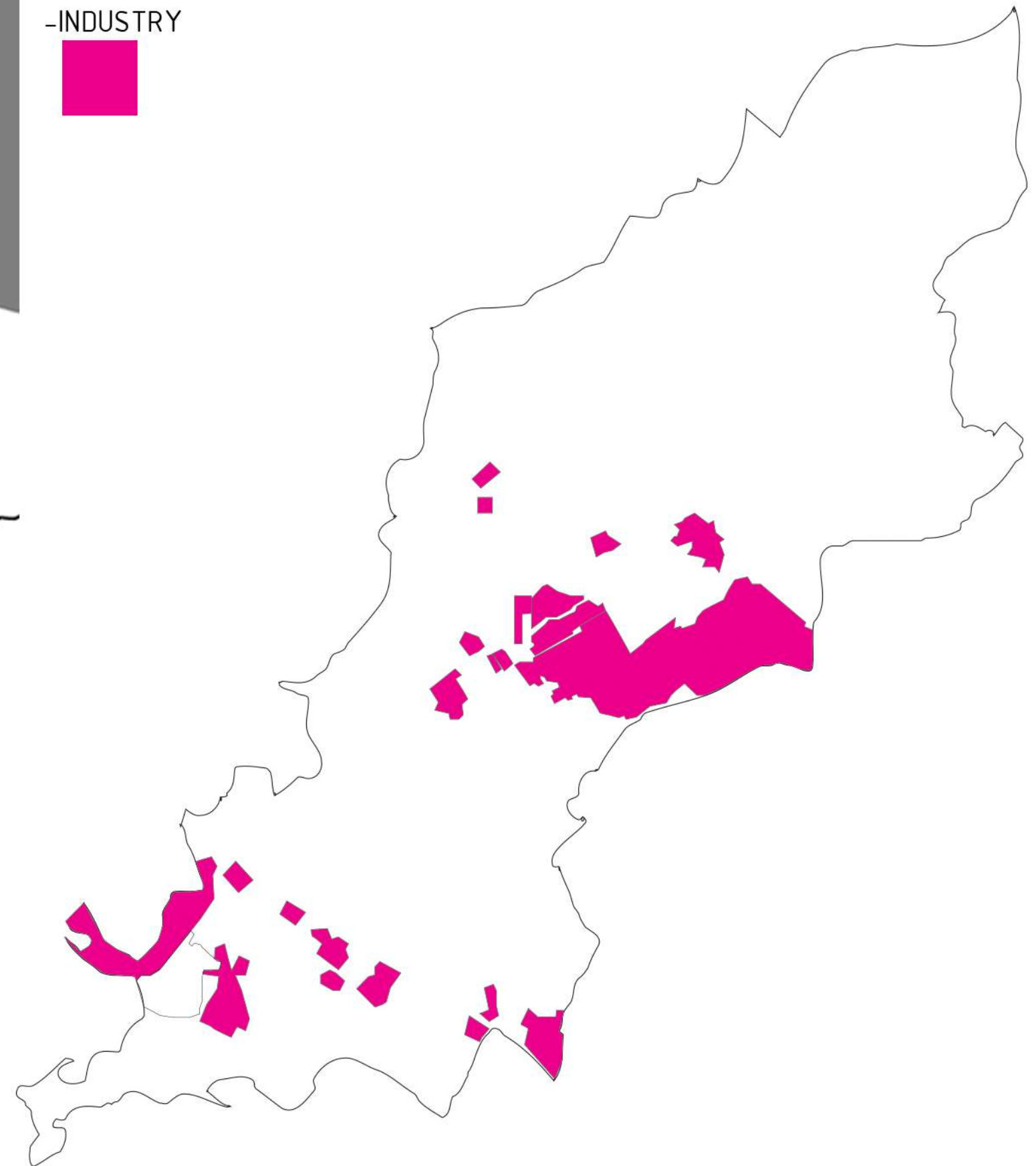




-INDUSTRY



INDUSTRIAL AREAS IN HISTORIC PENINSULA
RELOCATED TO TUZLA

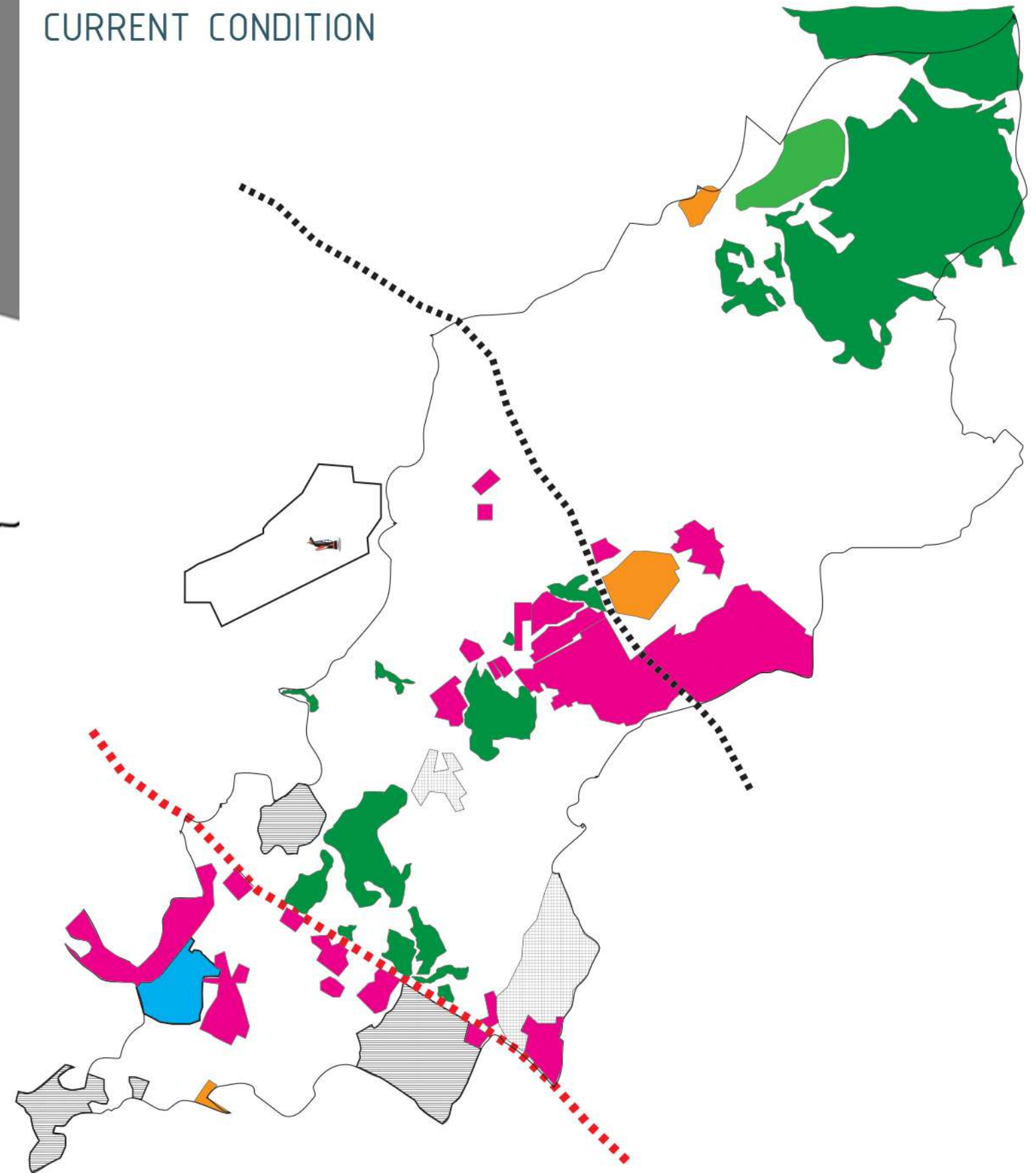


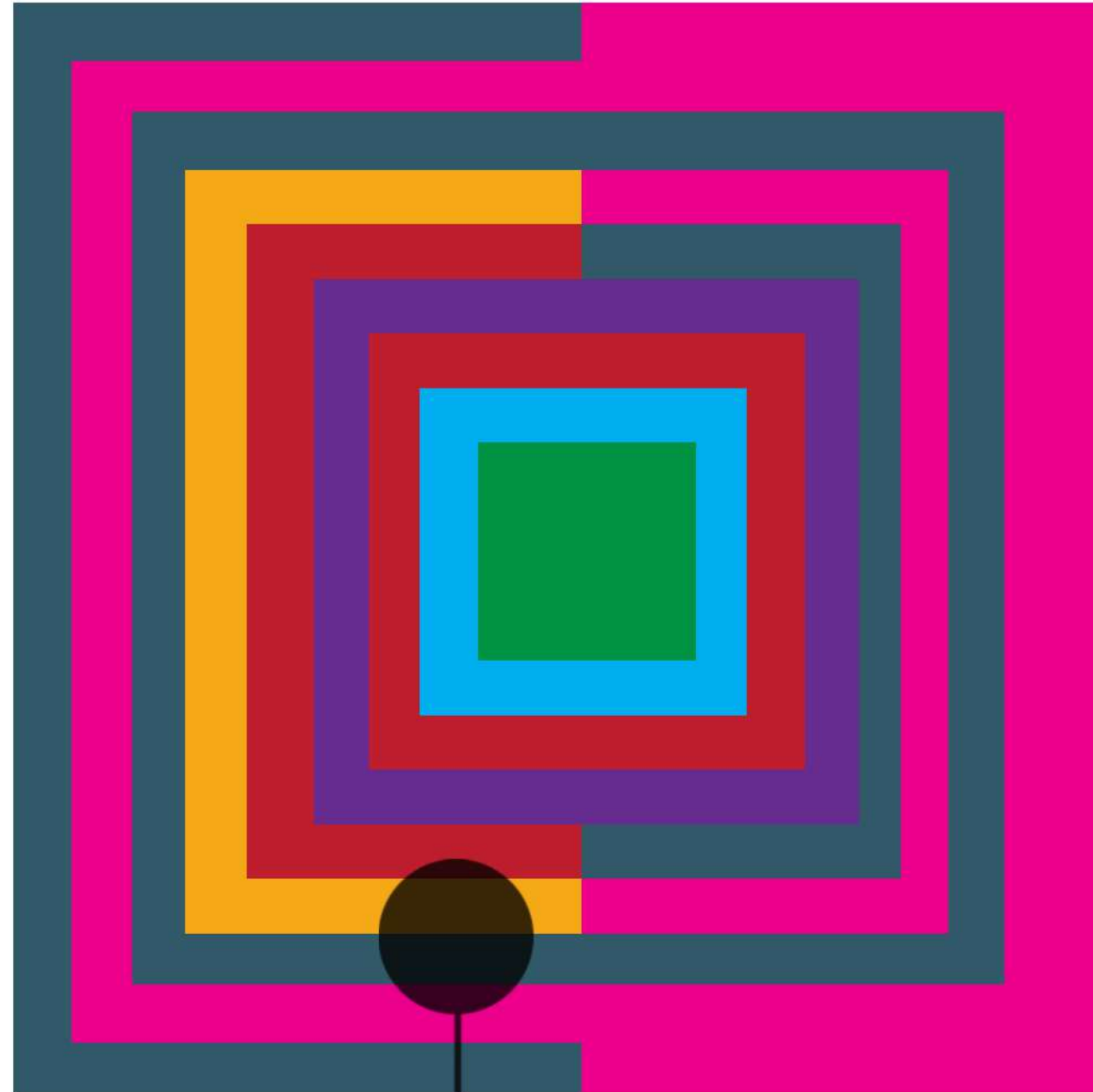
2000's





CURRENT CONDITION





PIRI REIS UNIVERSITY





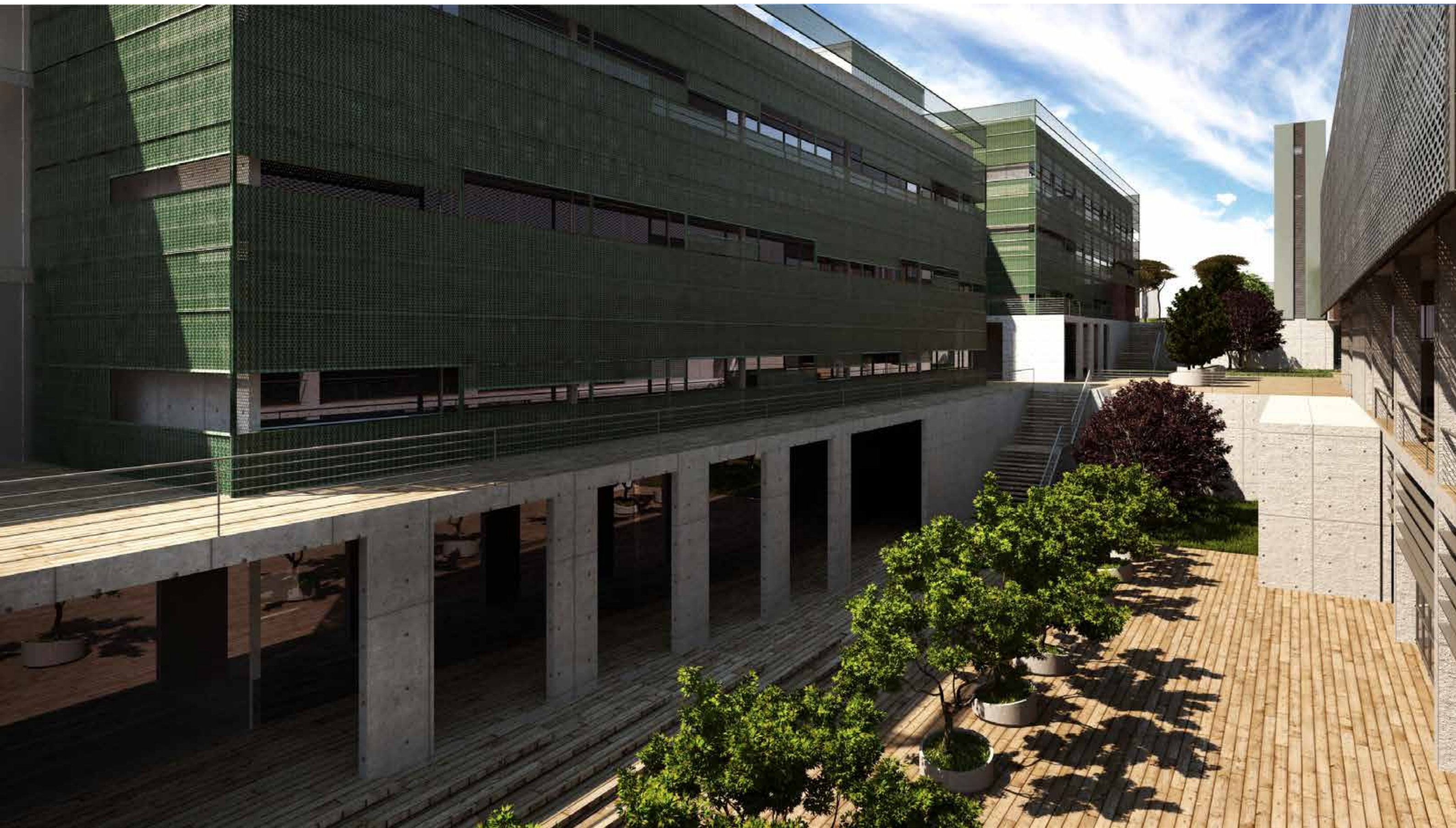
Master Plan



Birds Eye View



A1 Roof Top



Main Arter



Waterfront

GREEN ROOF

TOTAL AREA: 3.358m2

DYO B Block - Administrative Building

DYO C Block - Library and Social Center

UDEM Roof Garden

916m2

1.469m²

1.006m²

OPEN GREEN SPACE

Border Green

Campus Green

2.718m²

2.000m²





What kind of campus did we imagine ?

1

ACCESSIBLE



B R E E A M



TRANSPORT



2

OPEN SPACES
AVAILABLE AND DEFINED



B R E E A M



HEALTH & WELL BEING



3

ENVIRONMENTALLY
FRIENDLY MATERIAL
HARDSCAPE AND SOFTSCAPE



B R E E A M



LAND USE & ECOLOGY



4

WATER CONSUMPTION ECONOMY
PLANT SPECIES SELECTION
IRRIGATION SYSTEMS | DRIPPING



B R E E A M



WATER CONTROL



Landscape Design Criteria



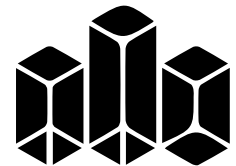
USER PROFILE

→ University Students and Academia



PLACE

→ Tuzla



ARCHITECTURAL DESIGN

→ Campus



ENVIRONMENTAL
APPROACH

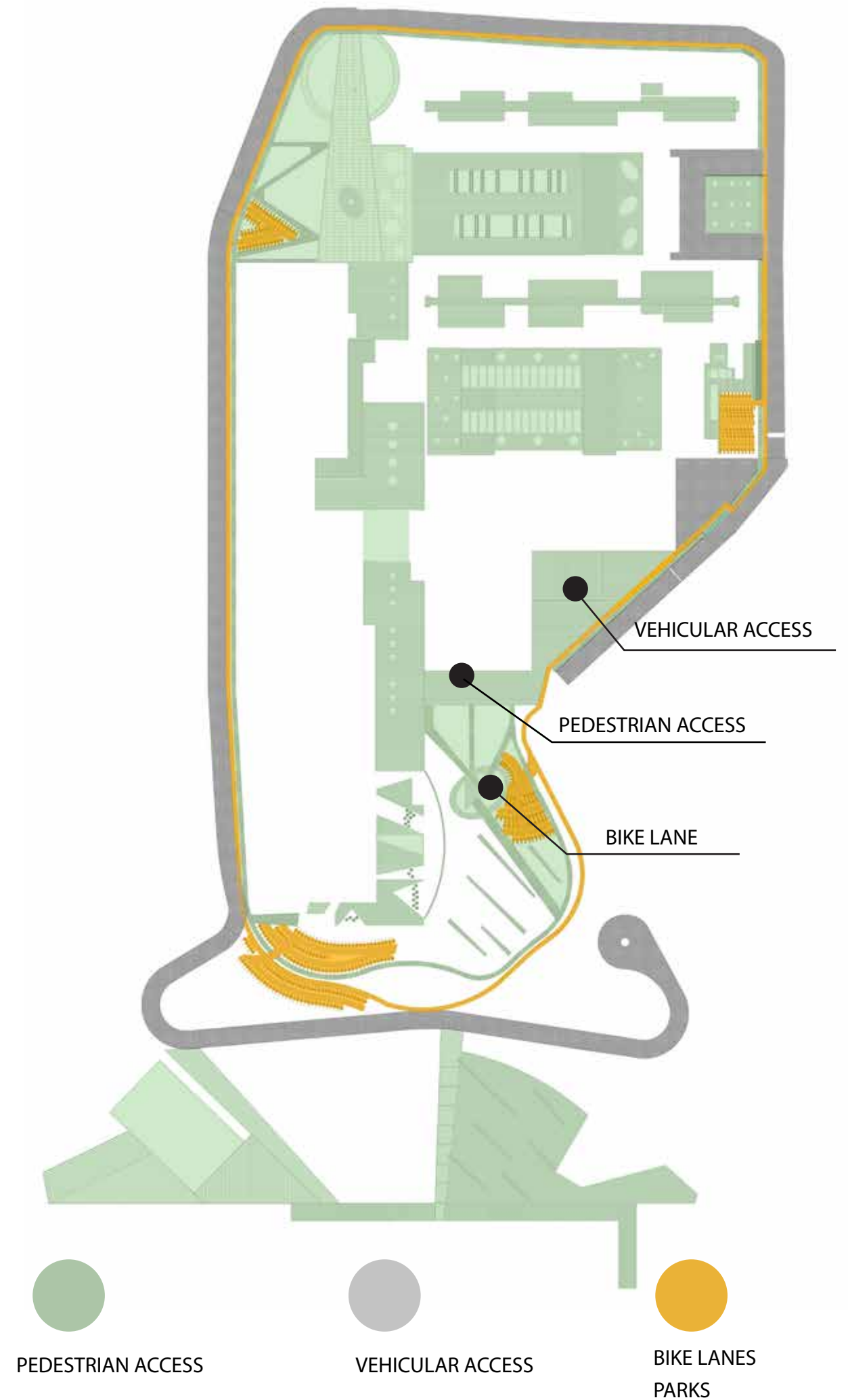
→ Breeam Certification

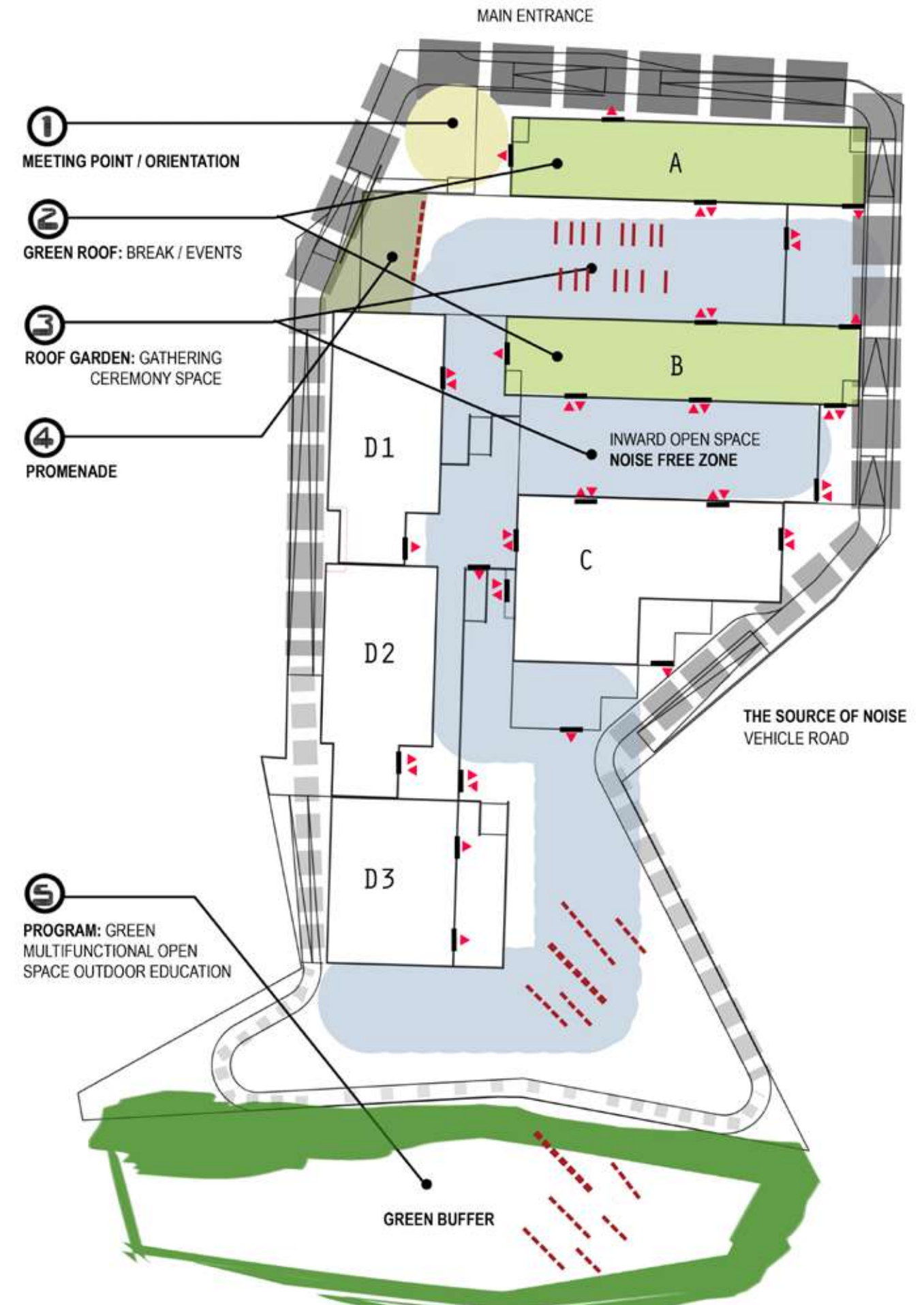


1 TRANSPORT



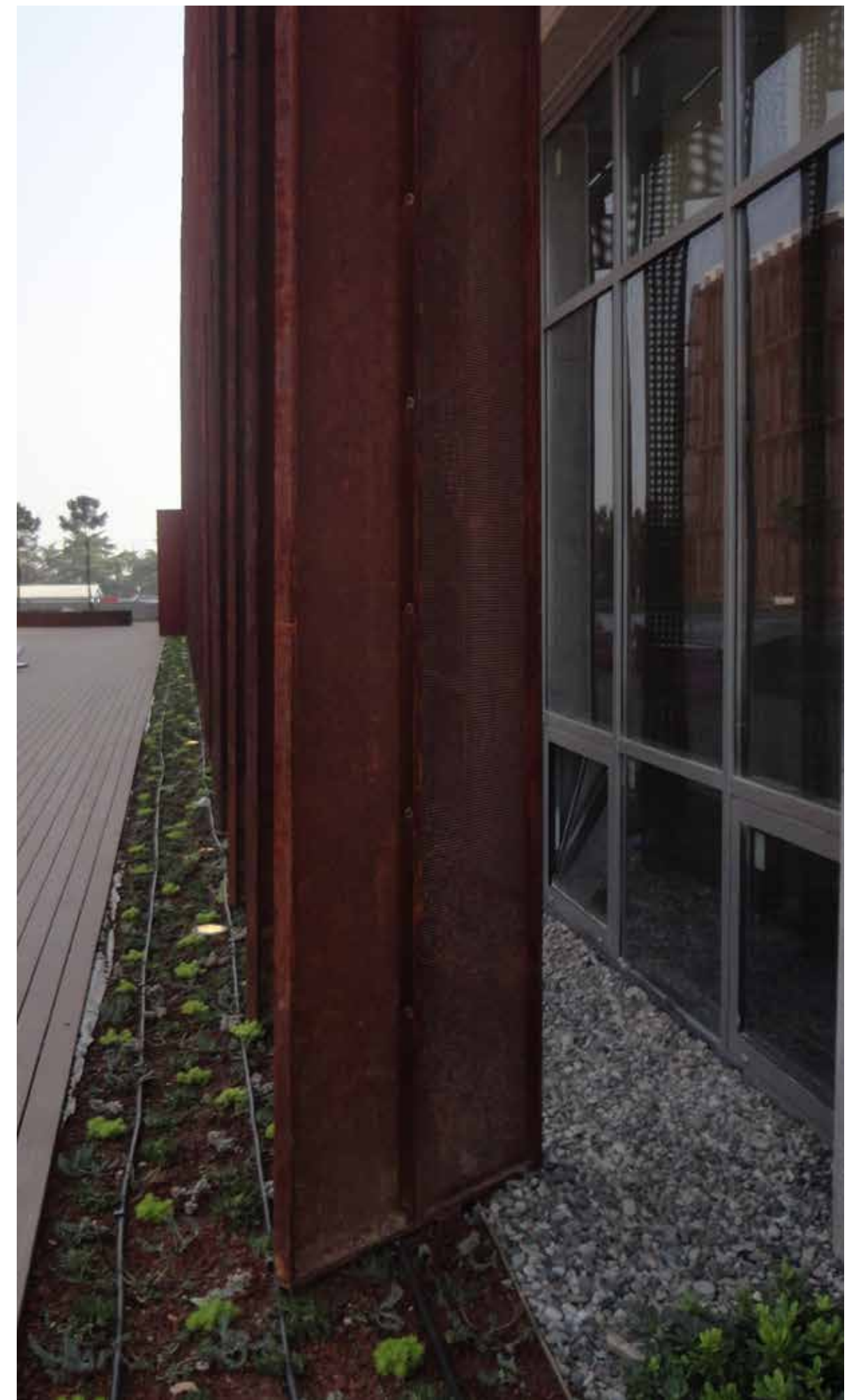
ACCESSIBLE





3 LAND USE & ECOLOGY

ENVIRONMENTALLY
FRIENDLY MATERIAL
HARDSCAPE AND SOFTSCAPE



4 WATER CONTROL

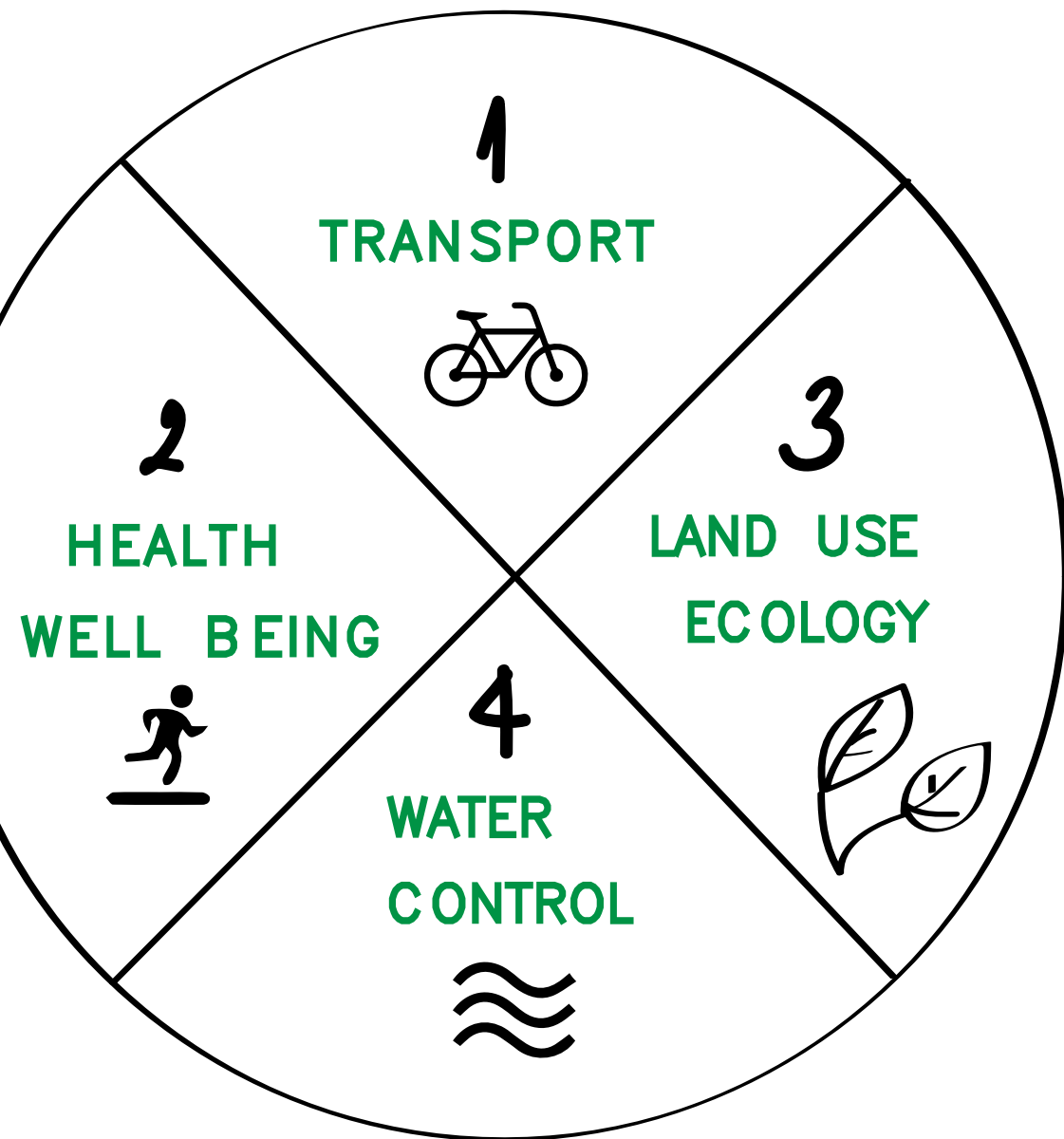


WATER CONSUMPTION ECONOMY
PLANT SPECIES SELECTION
IRRIGATION SYSTEMS | DRIPPING



How did landscape design criteria come to life with Breeam principles?

BREAAM



LANDSCAPE CRITERIA & BREAAM

