Politecnico di Torino
Dipartimento di Architettura e Design

Atelier 01VOFPX

ADAPTIVE PUBLIC SPACES

Designing ordinary urban place

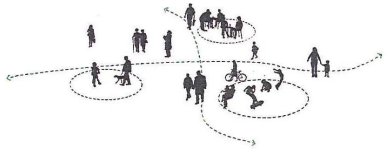
A.A. 2023 | 24

// Climate adaptation strategy

*How to react to **climate change**?*

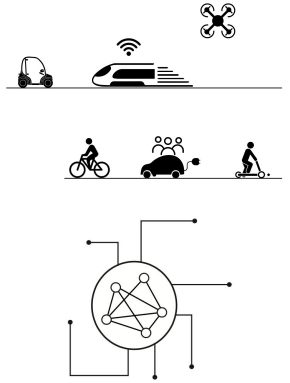
// Adaptation to new uses and practices

*How does public space adapt to **social behaviour**?*



// Complex urban mobility adaptation

*How does public space change due to **complex mobility**?*



Professors: Massimo Crotti, Claudio Germak, Alberto Nada, Arianna Astolfi, Elettra Bordonaro, Argun Paragamyan
Teaching Assistants : Ilaria Tonti (Architecture and urban design), Daniela Schiavon (Soundscape)

September 2023

WHO

Massimo Crotti
Architecture and urban design

Claudio Germak
Environmental Design

Alberto Nada
Environmental Design

Elettra Bordonaro
Lightscape

Argun Paragamyan
Lightscape

Arianna Astolfi
Soundscape

// **Multidisciplinary design** studio // Physical and social relationships // **Project as a systemic whole**

URBAN SCENE

ROLE OF PUBLIC SPACE IN THE CONTEMPORARY CITY
SPACES IDENTITY

PUBLIC SPACE AS SHARED COLLECTIVE PROJECT
SERVICE DESIGN

PUBLIC FACILITIES
SMILE/ECO DESIGN

TACTICAL AND NBS SOLUTIONS FOR PUBLIC SPACES
PUBLIC DESIGN

LIGHTING FOR PLACE MAKING
ACOUSTICS FOR OUTDOOR SPACES

SOCIAL AND SPATIAL ANALYSIS OF AFTER-DARK SPACE
SOUND ABSORPTION, TRANSMISSION AND DIFFUSION

RESPONSIVE URBAN LIGHTING
SOUND DESIGN AND NOISE CONTROL IN URBAN ENVIRONMENT

LIGHT, PEOPLE, ECOLOGY
THERMAL COMFORT IN OUTDOOR ENVIRONMENT

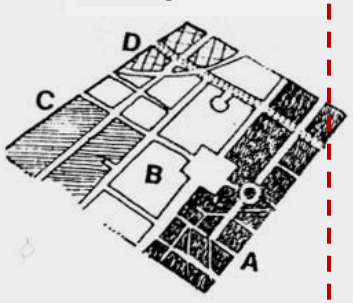
ENERGY'S APPLICATIONS

Why do we observe primarily the ordinary spaces in Turin?

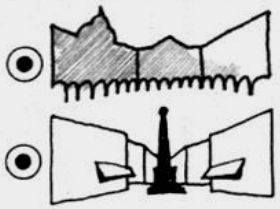
TURIN TOWN

SPECIAL PLACES

HOMOGENEOUS AREAS

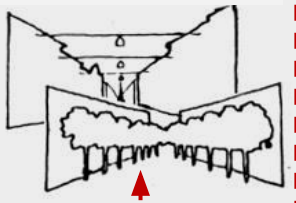


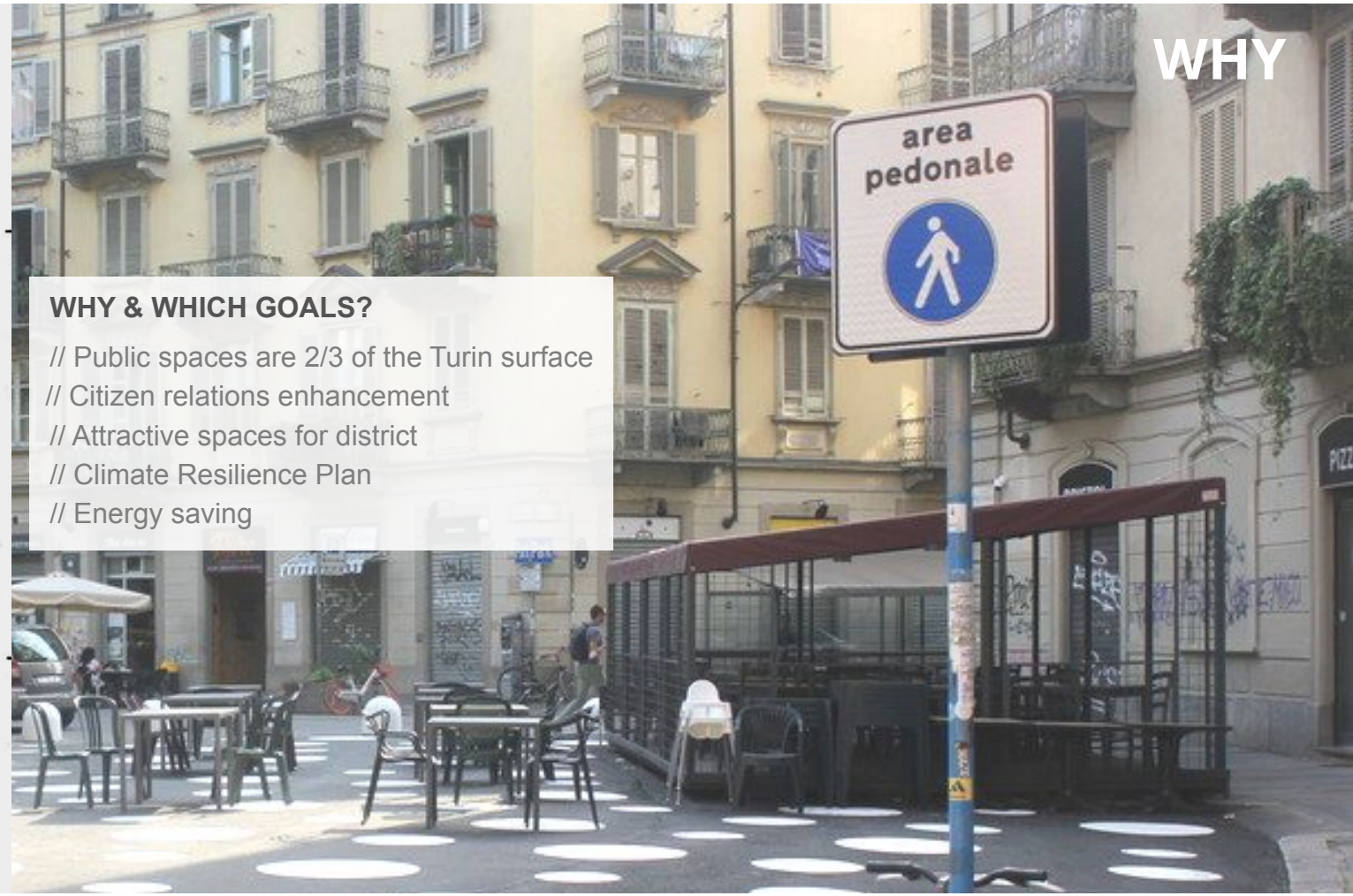
EMERGING PLACES



TWO DIFFERENT DISTRICT

CONNECTIVE PLACES





WHY

WHY & WHICH GOALS?

// Public spaces are 2/3 of the Turin surface
// Citizen relations enhancement
// Attractive spaces for district
// Climate Resilience Plan
// Energy saving

WHERE

Site 1

IGLOO SITE | VIA TARTINI

Reloading public space in a residential area

Site 2

Ex FLOWER MARKET | CORSO BRESCIA

Reinventing the common spaces of a changing district

CITTA' DI TORINO

Turin 2030
SUSTAINABLE | RESILI ENT

CLIMATE RESILIENCE PLAN

ADAPTIVE PUBLIC SPACES

WORKING PLAN

PART 1
OVERALL ISSUES

Sites awareness - Observing a place
Approaching the design site and practice

PART 2
SPECIFIC TOPICS
TO DESIGN PUBLIC SPACE
Theoretical and practical lectures

PART 3
DESIGN ELABORATION

External Guest Lectures
Disciplinary Reviews and Collective Critics

POSSIBLE
EX-TEMPORE

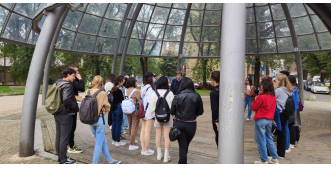
// INTRODUCTION
// **SITES VISIT**

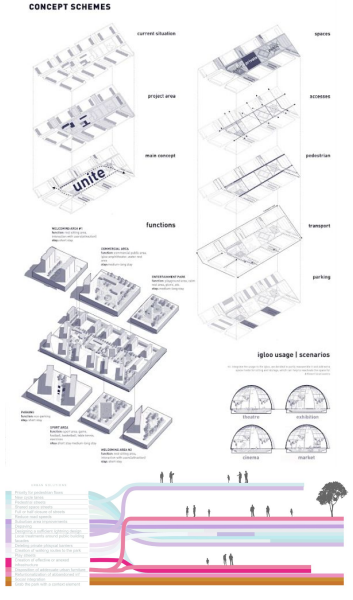
// FIRST **CONCEPTUAL DESIGN**

// **FIRST** DESIGN MILESTONE

// **SECOND** DESIGN MILESTONE

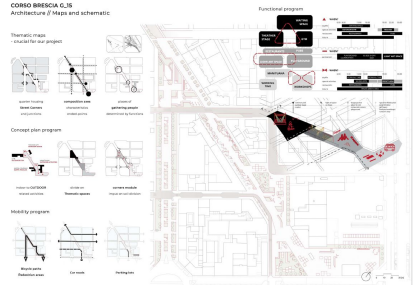
// **FINAL EXAM**

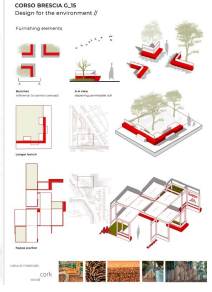


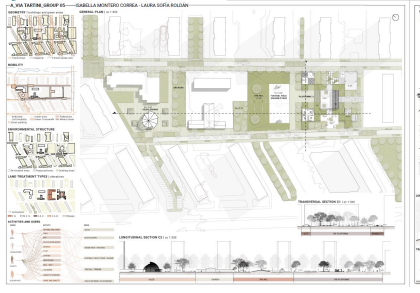


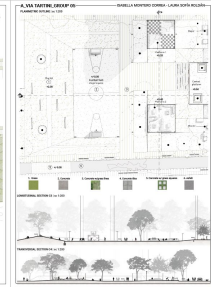
Invited special guests

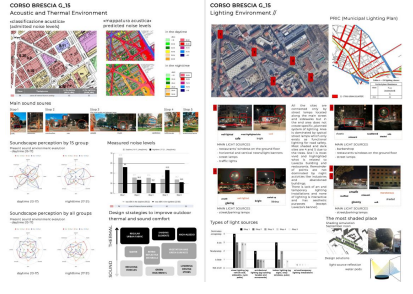
Examples of intermediate deliverables

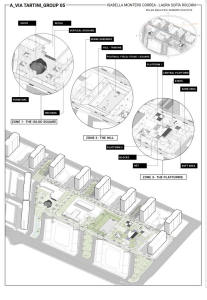


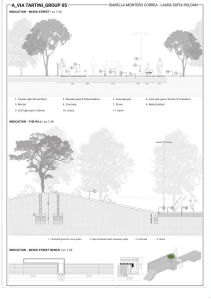


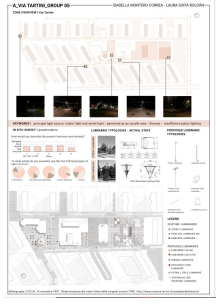


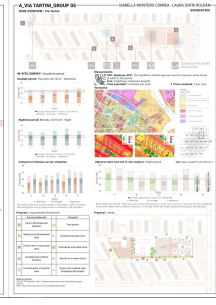












OUTCOMES

Example of Final Design Boards / Working groups are usually composed by 2 or 3 students