

SHARING THE TICINO RIVER: SPORTS & LEISURE

TEAM 4 - “WATER LOOP“



The Ticino River South of the historical centre of Pavia is meant to play a new role in the urban development of the city. Still, a certain number of obstacles prevent its integration in the city's projects – particularly the risks of floods that have obliged the inhabitants of Pavia, from the foundation of the city until now, to build a very strong physical barrier (the fortifications) as well as a mental one between their territory and the river's. The city of Pavia is better known for its historical heritage and its university than for its links with the Ticino. Besides, the district located South of the river is still regularly under water, as it is less protected than the city centre up North. All this contributes to hide the potentialities of the Ticino.

Today, Pavia wishes to turn towards this natural element that played a major role in its development without ever acquiring the importance it deserves. Some already use the banks for water or recreational activities and events are also sometimes organised, demonstrating a certain interest for this space. But the city wants to go further and this is precisely the issue of this workshop: exploring scenarios able to reinvent strong links between the city and the river. The question of sharing this potentially rich milieu lies at the heart of the investigations.

EUROPAN EUROPE
UNIVERSITÀ DEGLI STUDI DI PAVIA
E12 WINNING TEAMS

SEQUENCIES, USES AND FLOODS OF THE TICINO RIVER



WATER LOOP

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The particularly rich hydrology of the territory of Pavia was the basis of the team’s reflection. Besides the Ticino River, a canal –the Naviglio– and a small tributary river –the Navigliaccio– indeed surround the city and, although progressively integrated into its urbanization, they all nowadays constitute a visible loop on the maps of the city. This loop –concentrating the highest rate of potential project sites– becomes the guiding thread for multiple urban interventions. The various conditions of water on the territory are also considered through this loop.

Some interventions are located on the riverbanks: for example the Arsenal site, conceived as a gate to the hidden garden of the Navigliaccio; or the “Palafitta”, a system of terraces on pilotis overhanging the natural banks; or also “The 3 Waters”, a public space Eastwards where the waters of the river, the moats and the canal meet. Other strategic interventions are set up along the canal and the Navigliaccio, aiming at better articulating the historical city and its outdoor territory. The scenario therefore manages, through a modification of the glance and the emergence of the water loop, to initiate strategic modifications for Pavia.

PARTICIPANTS

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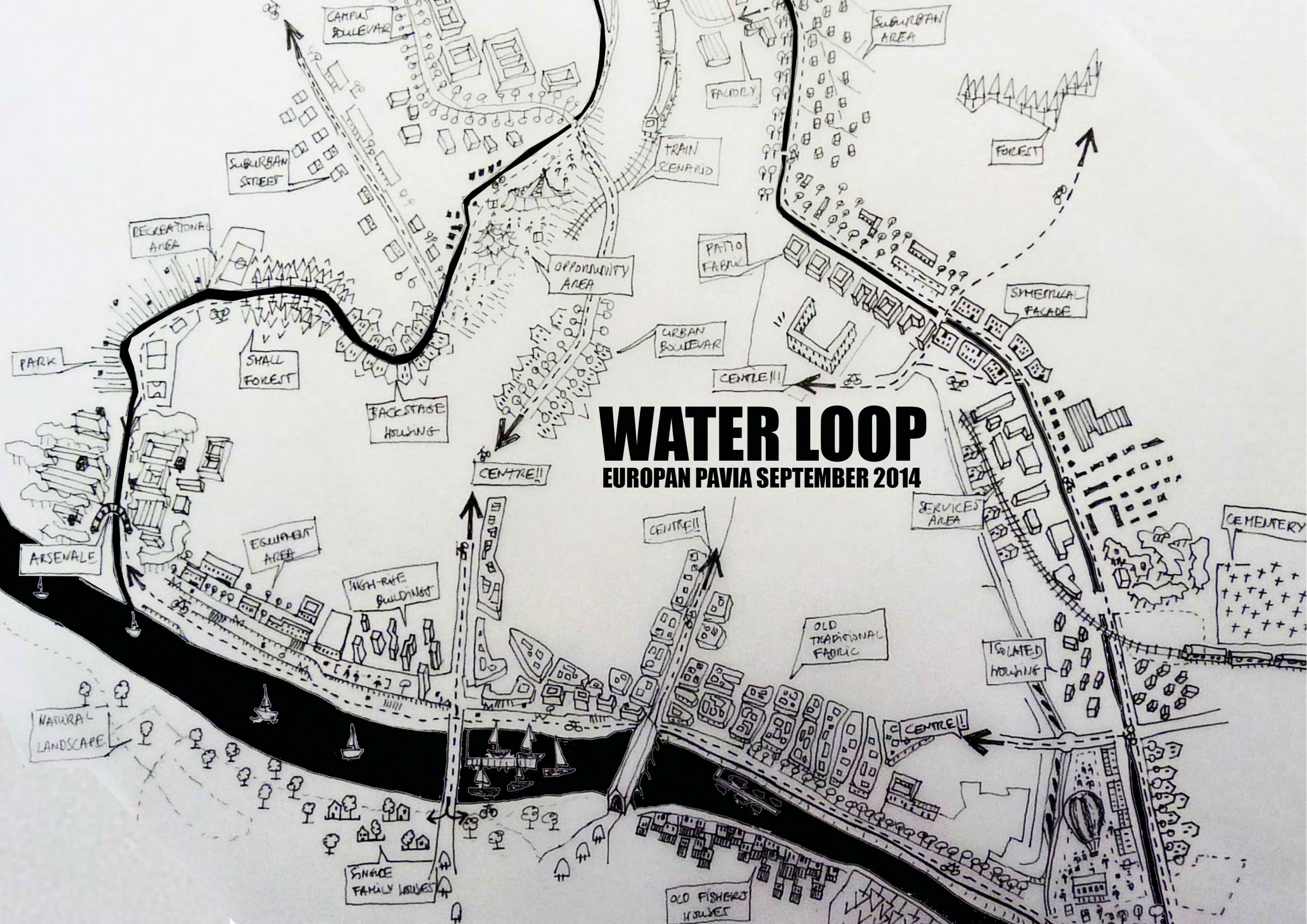
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Luis MASIÀ (ES), Runner-up in Seraing (BE) with “Synergie“

Elizabeth KELLER (NL), Winner in Groningen (NL) with “Prelude“

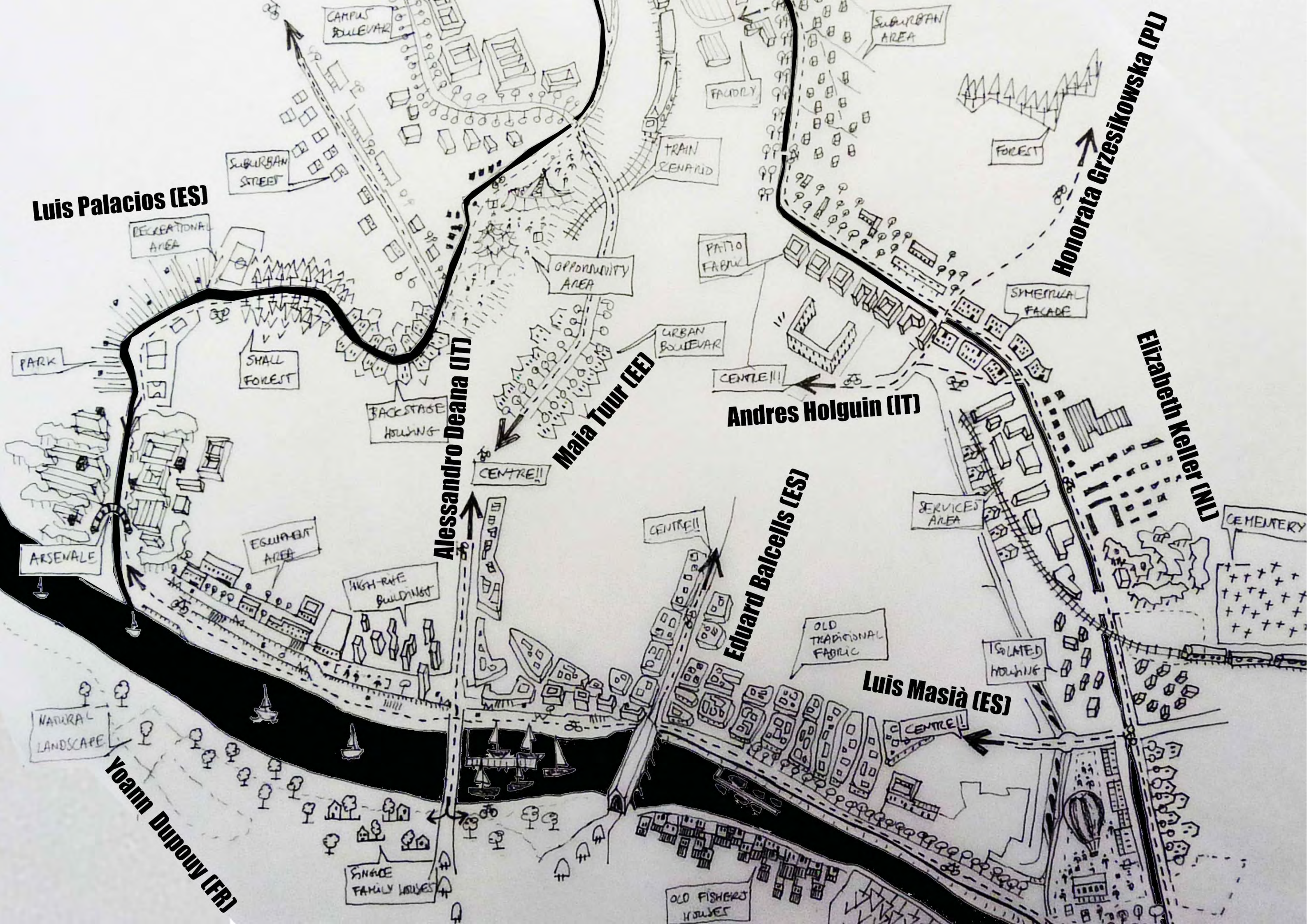
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WATER LOOP

EUROPAN PAVIA SEPTEMBER 2014



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CAMPUS BULEVAR

SUBURBAN STREET

DECREATIONAL AREA

PARK

SHALL FOREST

BACKSTAGE HOUSING

OPPORTUNITY AREA

PATIO FABRIC

TRAIN STATION

SUBURBAN AREA

FOREST

SYMMETRICAL FACADE

URBAN BULEVAR

CENTRE!!

ARSENAL

EQUINE AREA

HIGH-RISE BUILDINGS

CENTRE!!

SERVICES AREA

CEMETERY

NATURAL LANDSCAPE

SINGLE FAMILY HOUSES

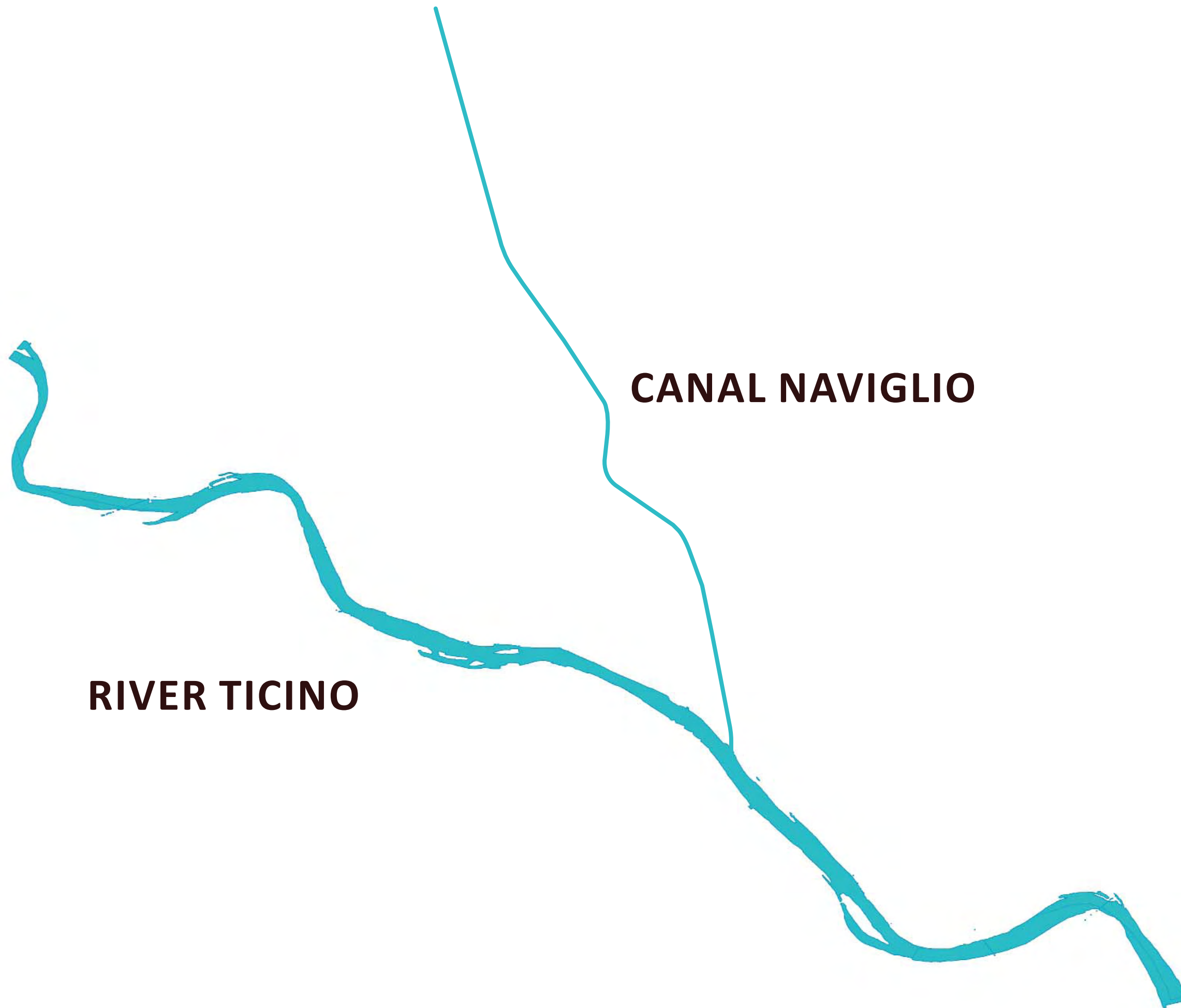
OLD FISHERS HOUSES

ISOLATED HOUSING

OLD TRADITIONAL FABRIC

CENTRE!!

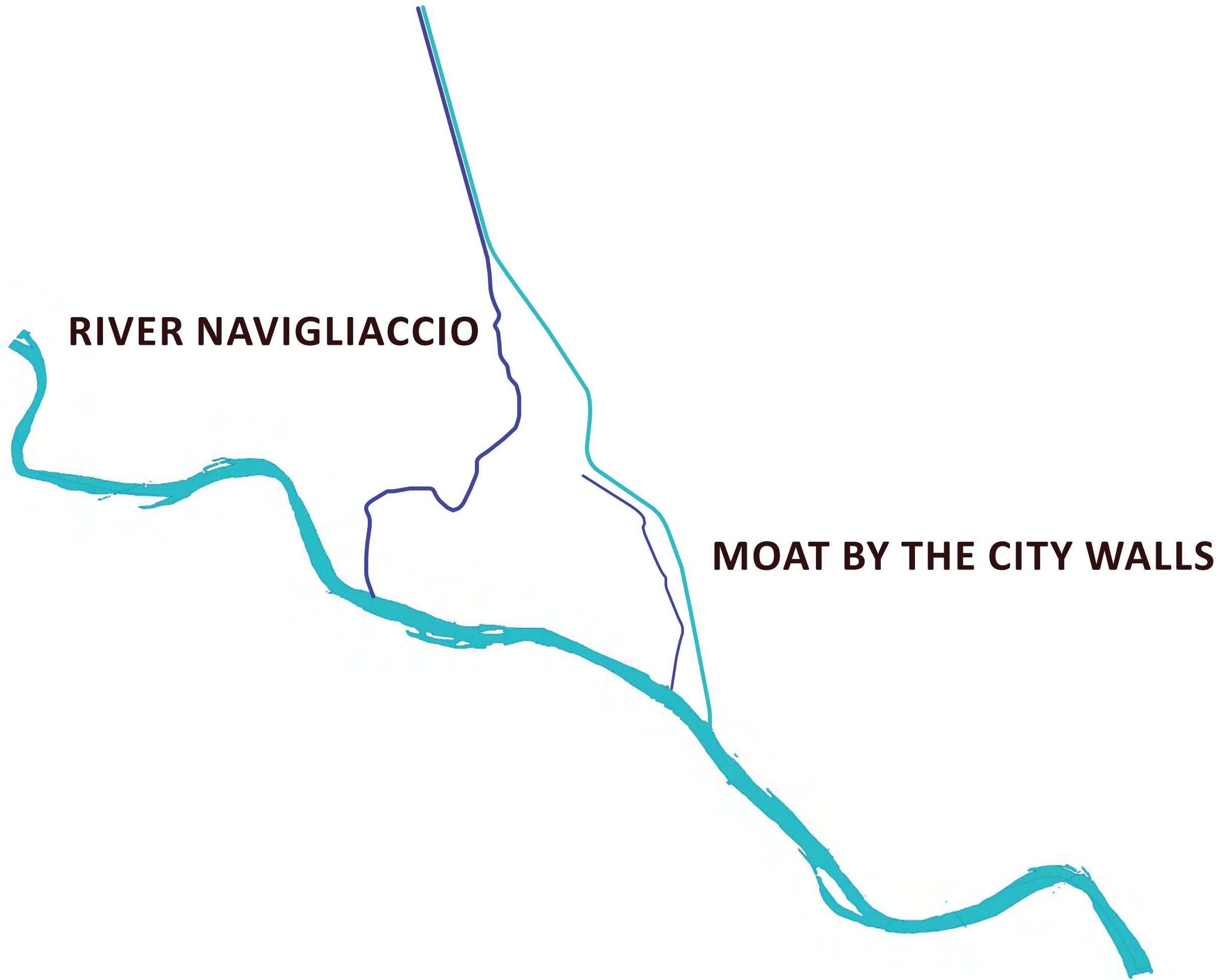
COMMONLY KNOWN WATER ELEMENTS



RIVER TICINO

CANAL NAVIGLIO

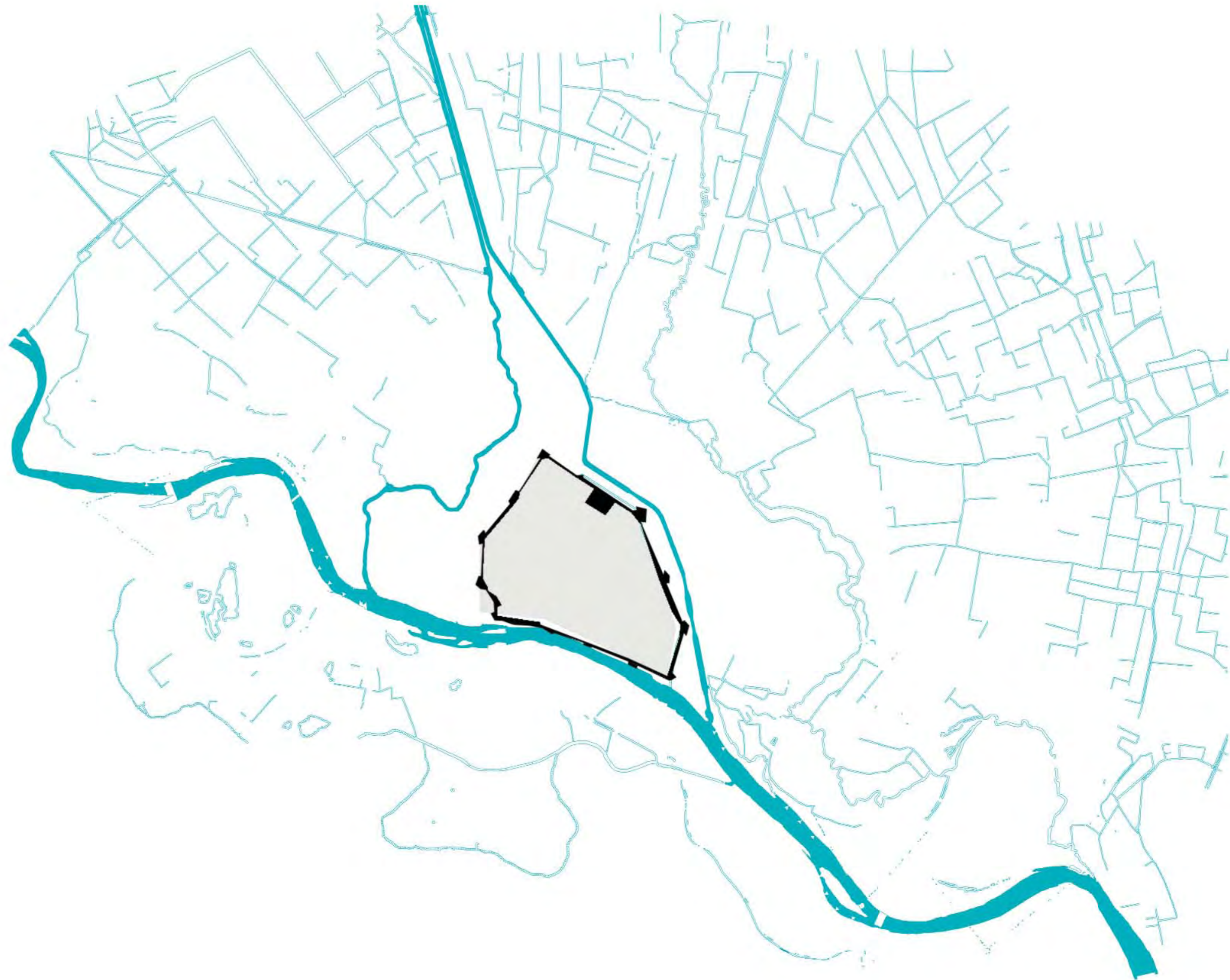
UNKNOWN AND REINTRODUCED WATER ELEMENTS



RIVER NAVIGLIACCIO

MOAT BY THE CITY WALLS

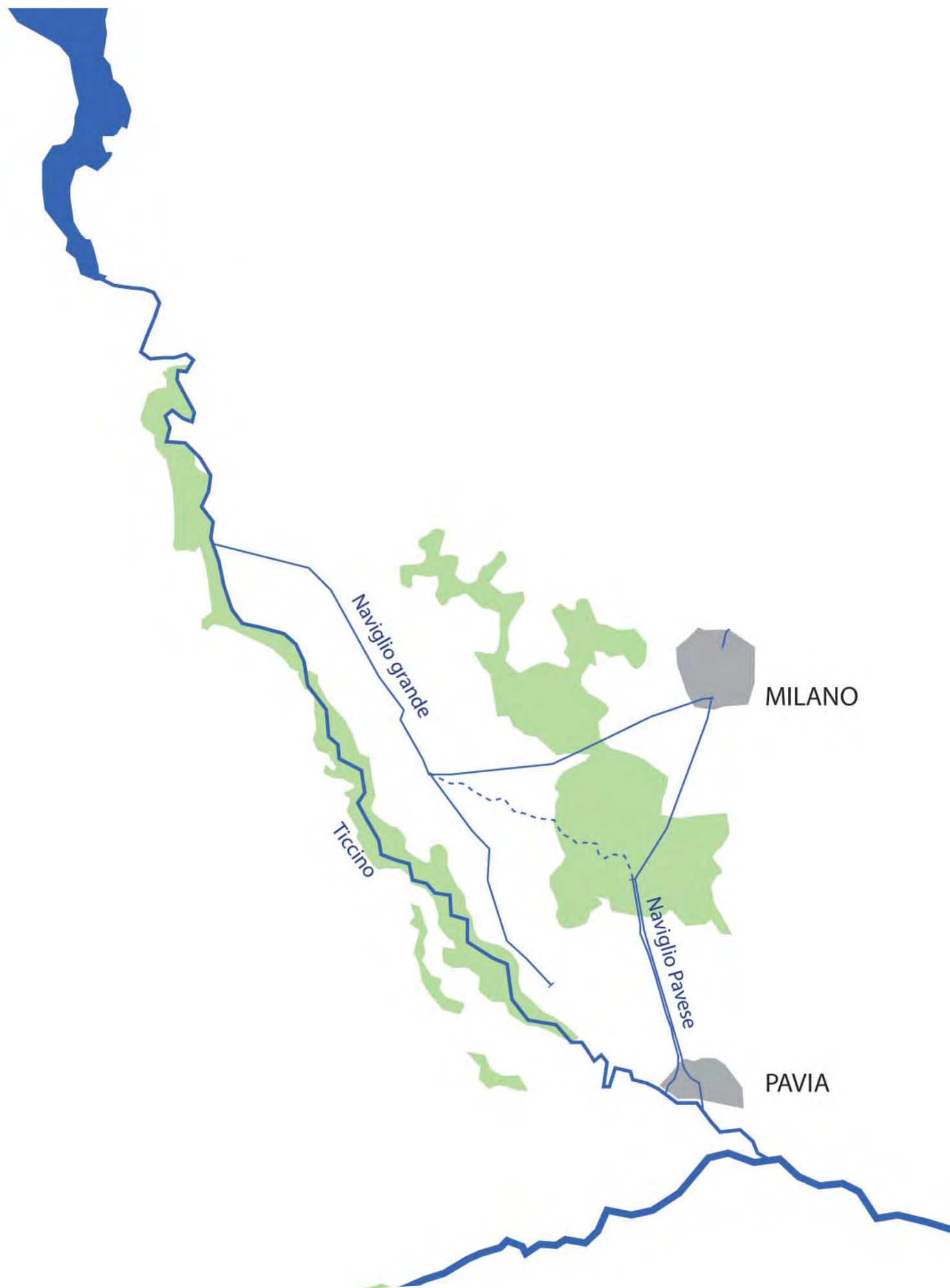
IN THE PAST, CITY OF PAVIA ISOLATED FROM THE WATER SYSTEM



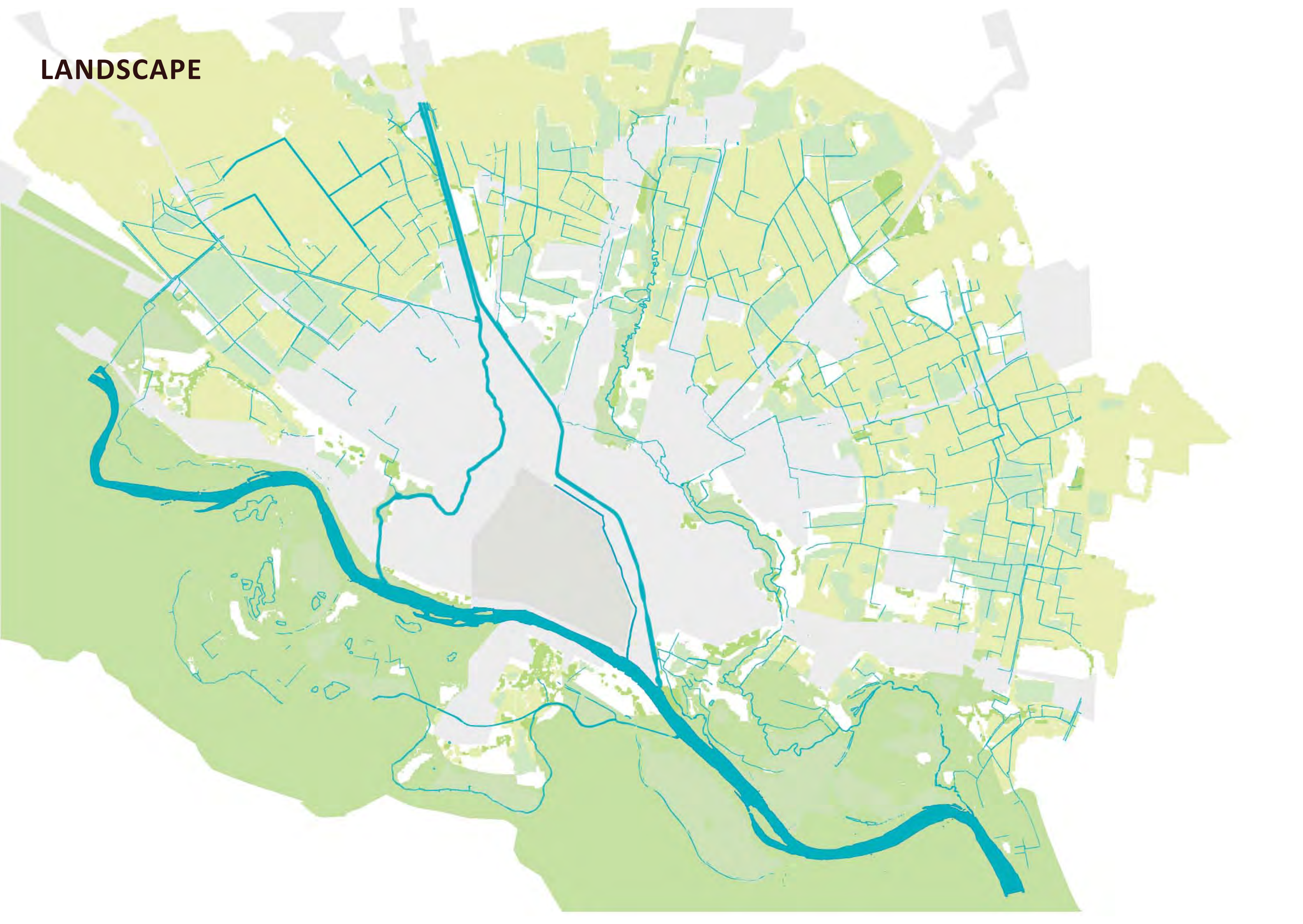
**TICINO RIVER FORCES THE CITY TO EXPAND TO THE NORTH
WATER STRUCTURES BECOME PART OF URBAN AREA**



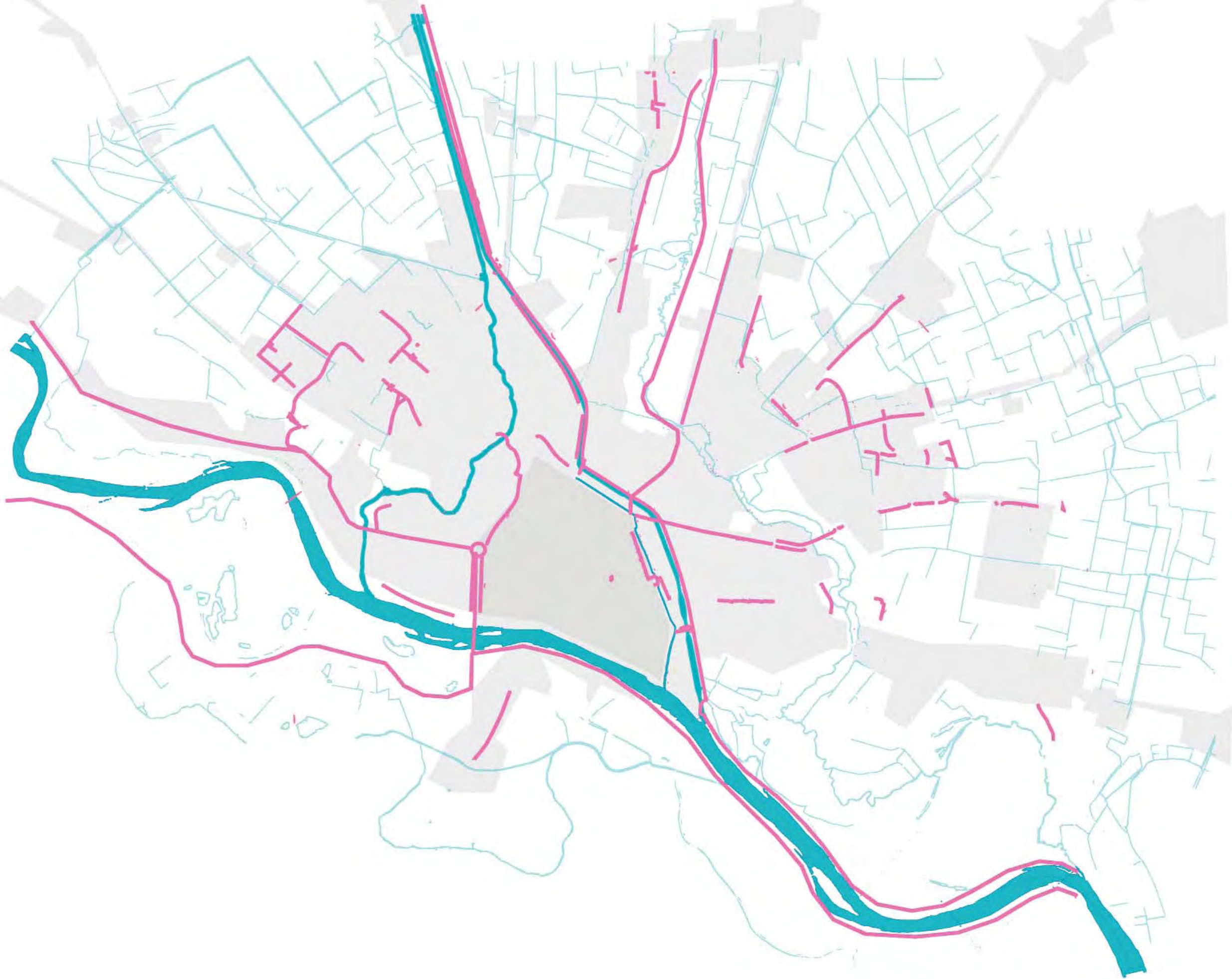
LOCATION OF PAVIA WITHIN THE REGIONAL WATER SYSTEM



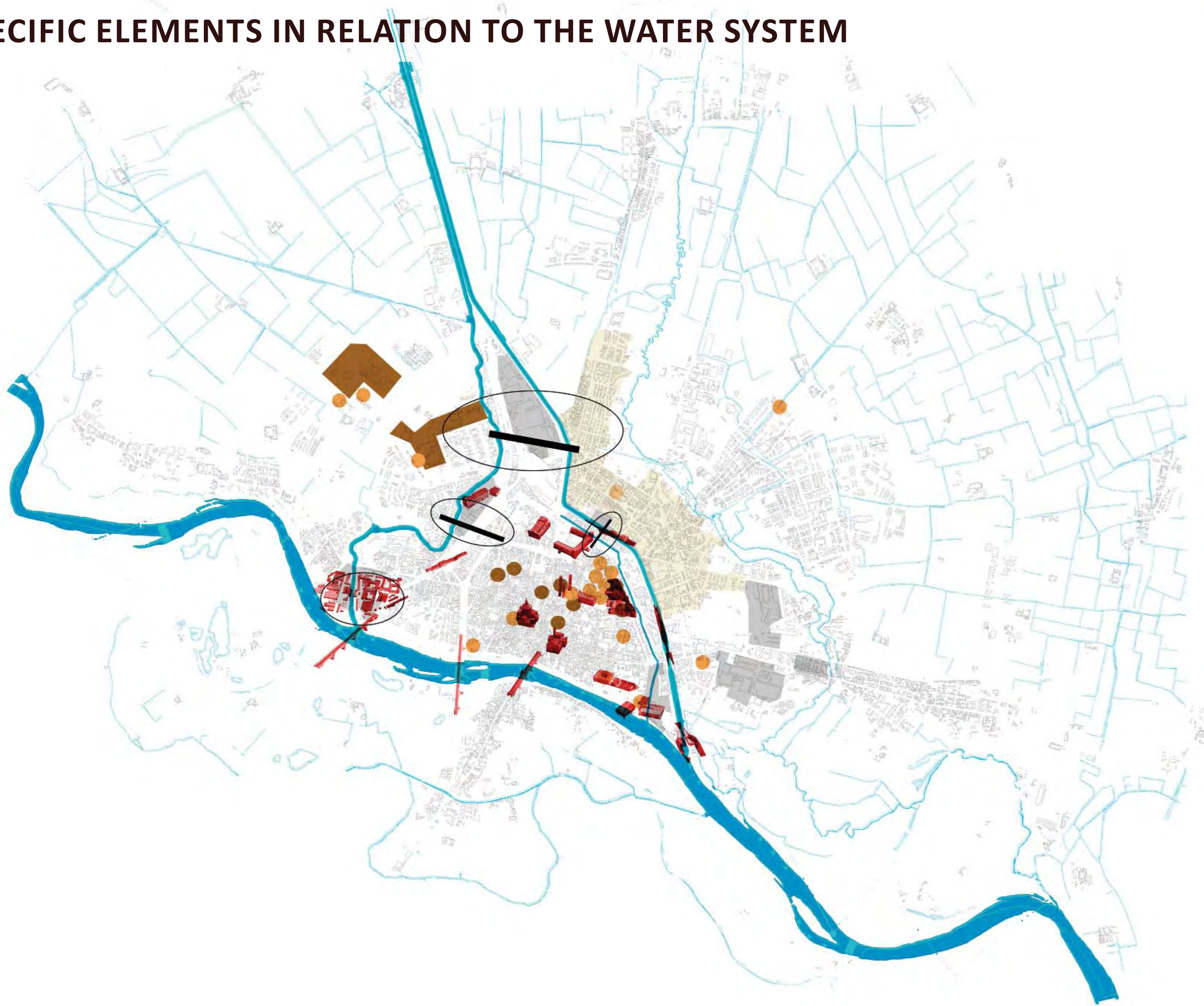
LANDSCAPE



SLOW MOBILITY



SPECIFIC ELEMENTS IN RELATION TO THE WATER SYSTEM



EXISTING OPEN SPACES IN RELATION TO THE WATER SYSTEM



DIFFERENT CHARACTERS OF THE WATERS



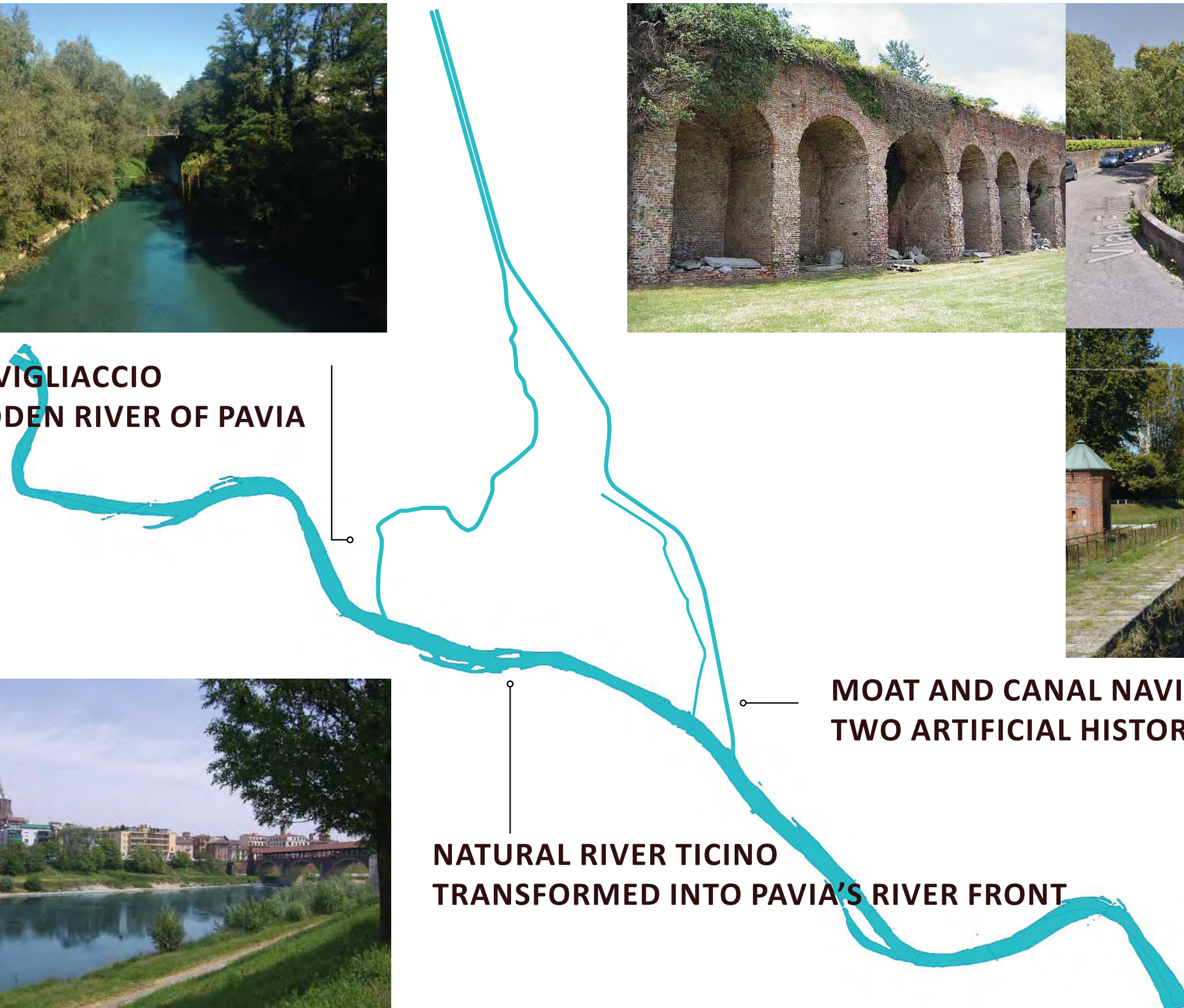
**NAVIGLIACCIO
HIDDEN RIVER OF PAVIA**



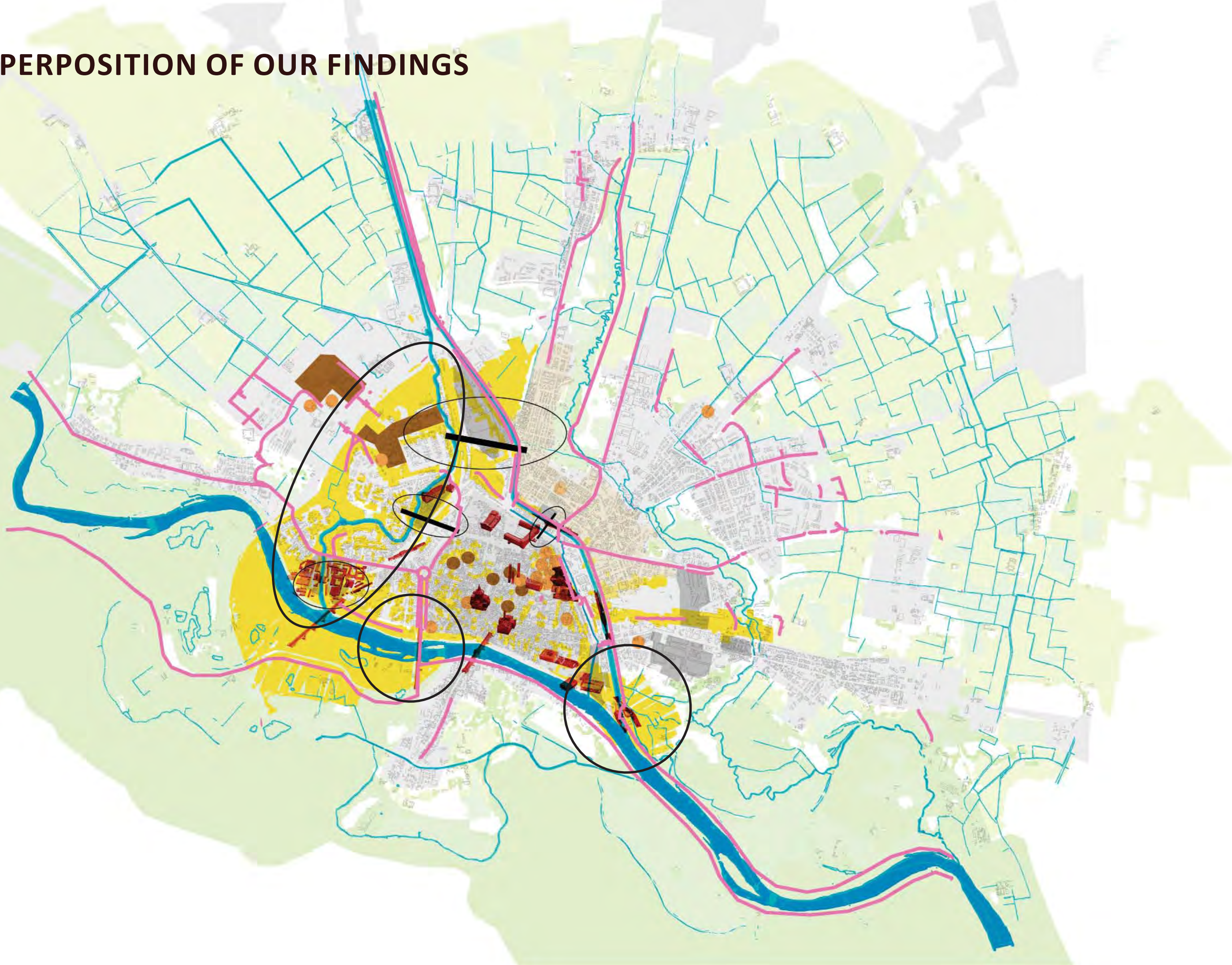
**MOAT AND CANAL NAVIGLIO
TWO ARTIFICIAL HISTORICAL WATER WAYS**



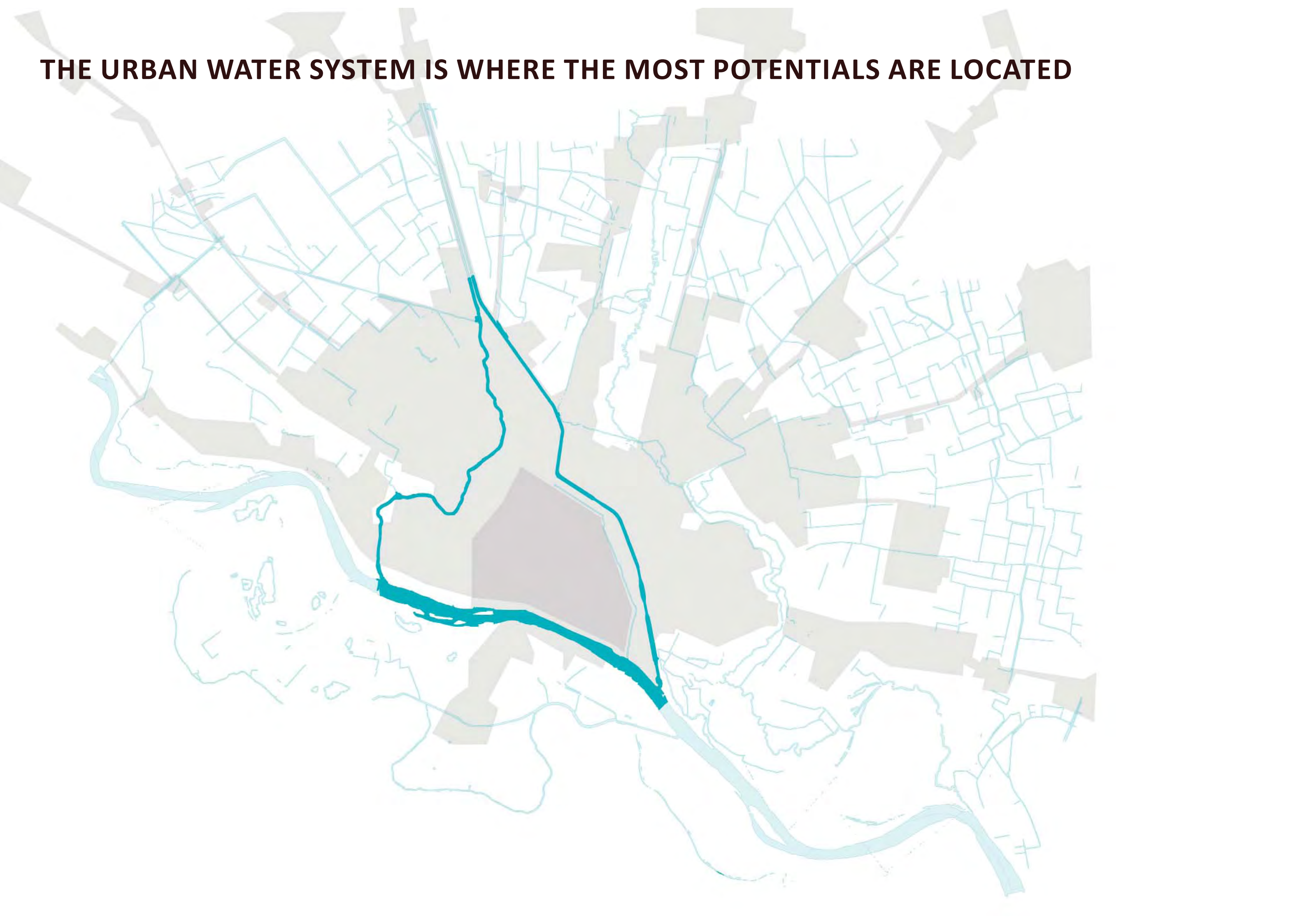
**NATURAL RIVER TICINO
TRANSFORMED INTO PAVIA'S RIVER FRONT**



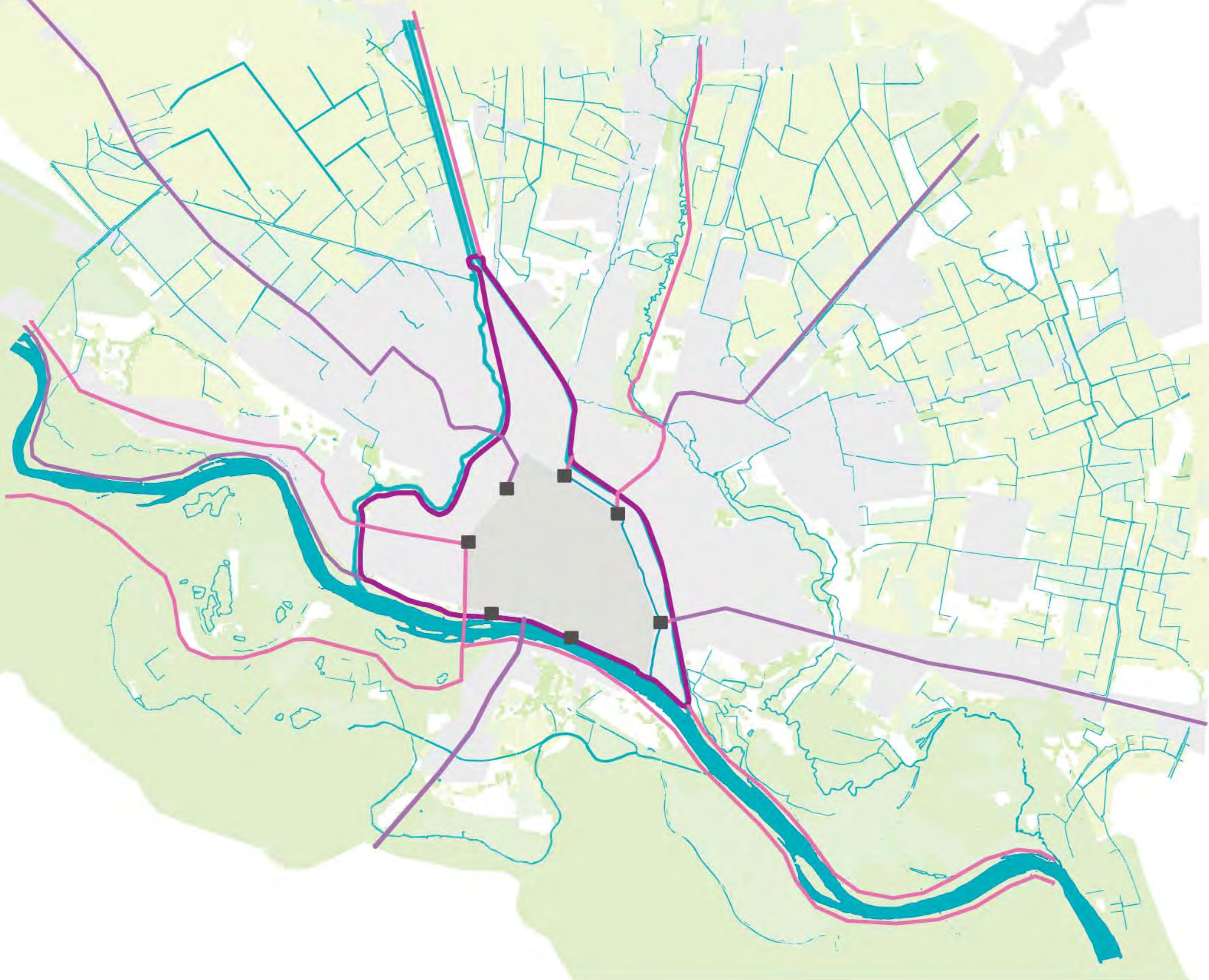
SUPERPOSITION OF OUR FINDINGS



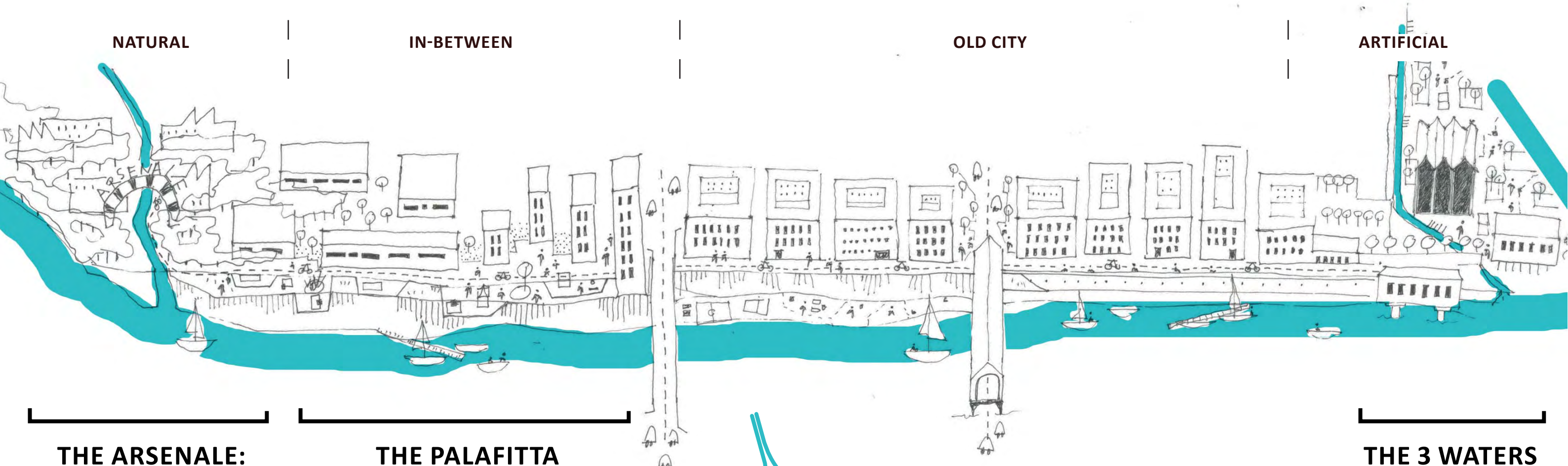
THE URBAN WATER SYSTEM IS WHERE THE MOST POTENTIALS ARE LOCATED



THE SOFT MOBILITY STRATEGY AS A CONNECTION BETWEEN THE CITY AND THE LANDSCAPE



THE 3 INITIATORS ALONG THE WATERFRONT



THE ARSENALE:
GATE TO THE SECRET GARDEN

THE PALAFITTA

THE 3 WATERS

INITIATOR #1: THE ARSENALE: GATE TO THE SECRET GARDEN



INITIATOR #2: THE PALAFITTA



INITIATOR #3: THE 3 WATERS



THE CANAL NAVIGLIO

THE RIVER TICINO

MOAT



THE WATER LOOP AS THE FRAMEWORK FOR FURTHER INTERVENTIONS IN THE CITY

