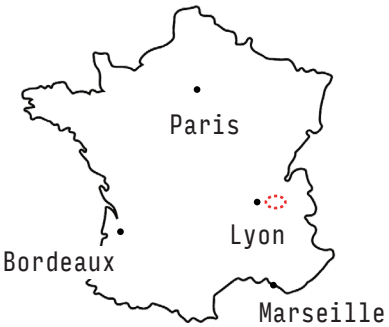
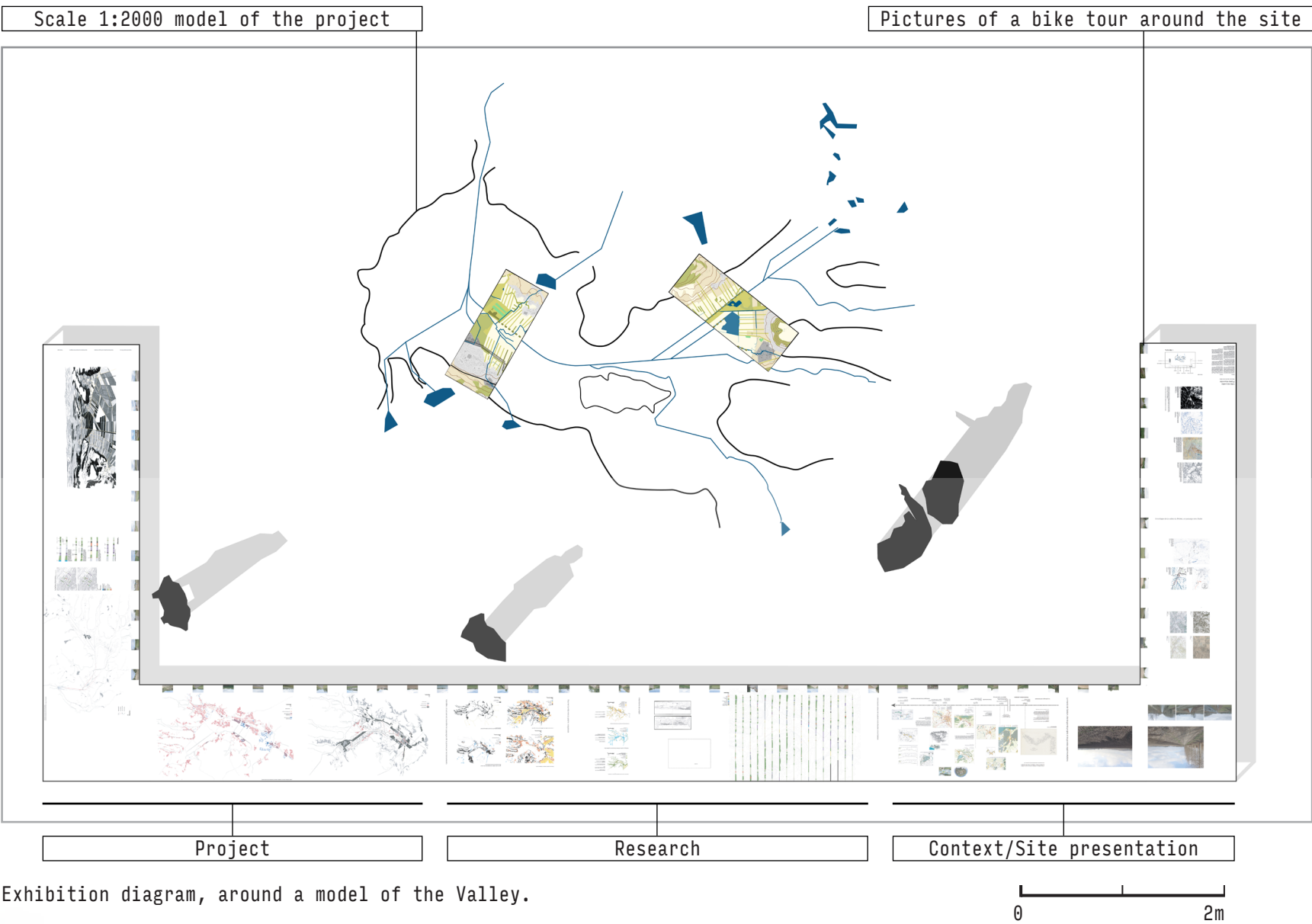


New Town
New Valley

Valley of the Bourbre and Catelan canals, Isère, France



Graduation presentation: Diagram of the Exhibit and picture of the verbal presentation, July 2019



Exhibition: Zoom on a transect model. The entire room was used to guide the jury panel and attendance through my design proposal.

Country / City	France, Versailles
University / School	École Nationale Supérieure du Paysage de Versailles
Academic year	2019-2020
Title of the project	Ville nouvelle, Plaine Nouvelle, Plaine de la Bourbre et de Catelan
Authors	Thomas Vogel

TECHNICAL DOSSIER

Title of the project	Ville nouvelle, Plaine Nouvelle
Authors	Thomas Vogel
Title of the course	Périurbain, graduation project studio directed by Marion Talagrand
Academic year	2019-2020
Teaching Staff	Marion Talagrand, Elena Fontal Aira
Department/Section/Program of belonging	DEP Diplôme d'Etat de Paysagiste Master diploma in Landscape architecture
University/School	École Nationale Supérieure du Paysage de Versailles



Written statement, short description of the project in English, no more than 250 words

The Valley of the Bourbre and Catelan canal is an ancient glacial river located between the city of Lyon and the Italian alpine border. The valley has been over time highly transformed from a pastoral valley over to a congested infrastructure bottlenecked transit area. The first project, in 1850, was to transform marsh land over to farmland. The second, in 1978, was the project of a satellite town, a “New Town” for Lyon.

Overall, the valley is a European transport corridor between two countries and two major cities with expanding logistic and warehouses.

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The high-speed train line project between Lyon and Turin may put even more pressure on the Valley, its agricultures structures and water continuities.

The aim of the project is to design a new Valley for the new Town, to establish new relations between them. The agricultural structures, the forests fragments, and the water continuities are the tools used to design this new landscape.

The project offers a better readability of the patrimonial, agricultural and geographical

elements of the Valley. Ecological units are strengthened: forests, riverbanks, hedgerows. The plain provides many services to the city, for leisure, supply, and the quality of the inhabited environment. This project is inspired by the idea of the «local project», according to Alberto Magnaghi.

A fiction imagines that these transformations are precipitated by the beginning of the construction of the Lyon-Turin fast-speed line. Inhabitants positions themselves against the high-speed train and begin to develop their own master plan for the Valley.



CLIMATE CHANGE AGAIN

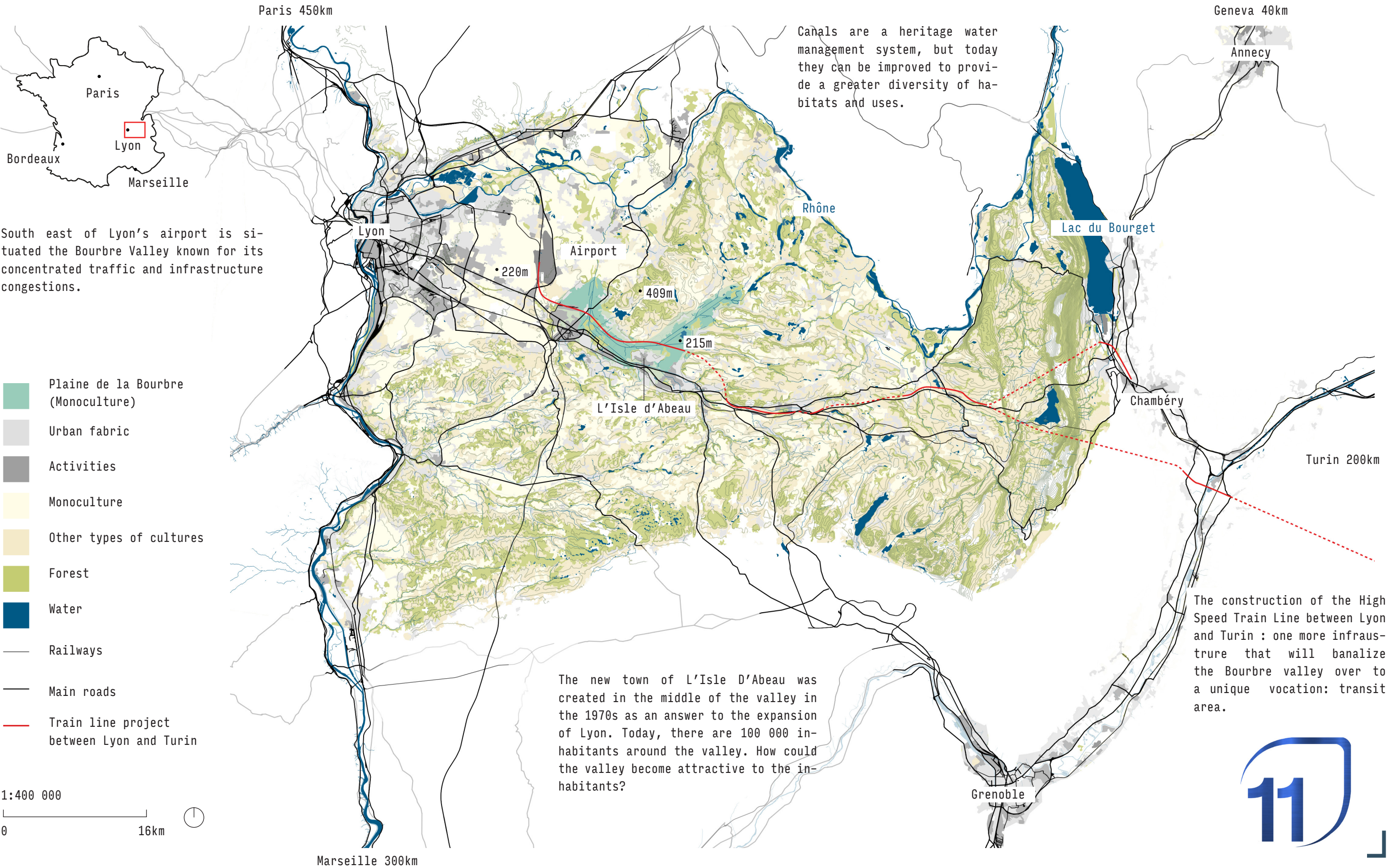
11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

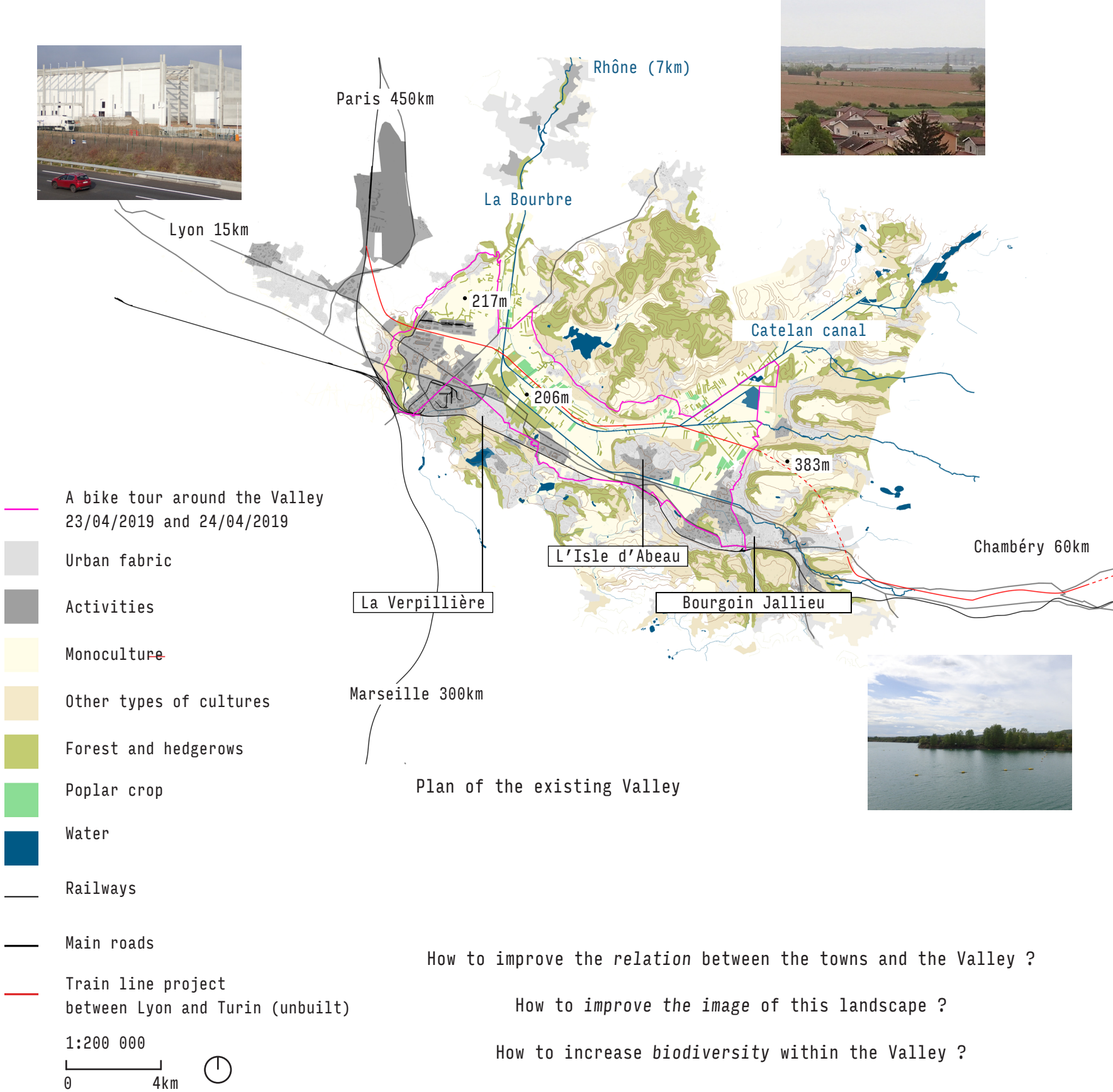
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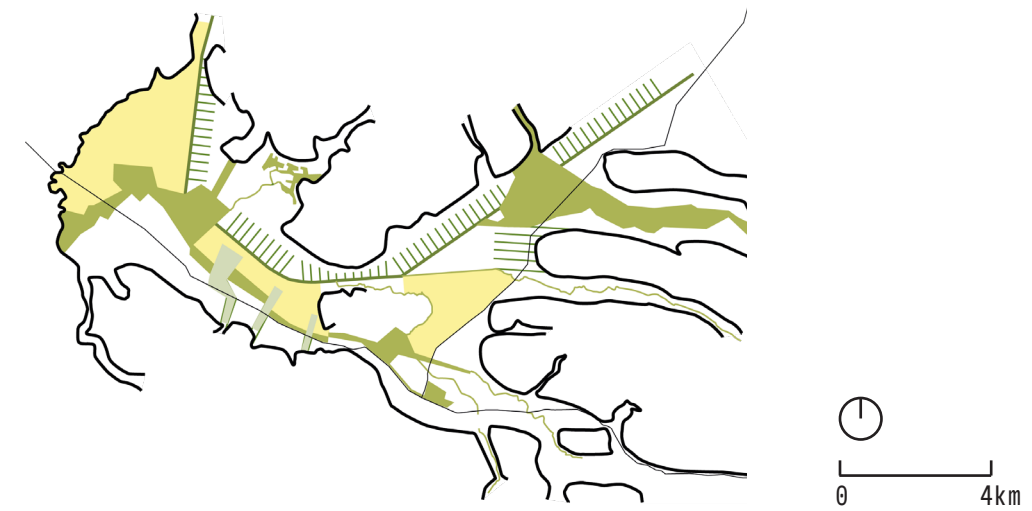
Between Lyon and Italy, a flat Valley having lost its identity due to pragmatic transport issues



A new identity for the Valley, a new Valley for the inhabitants

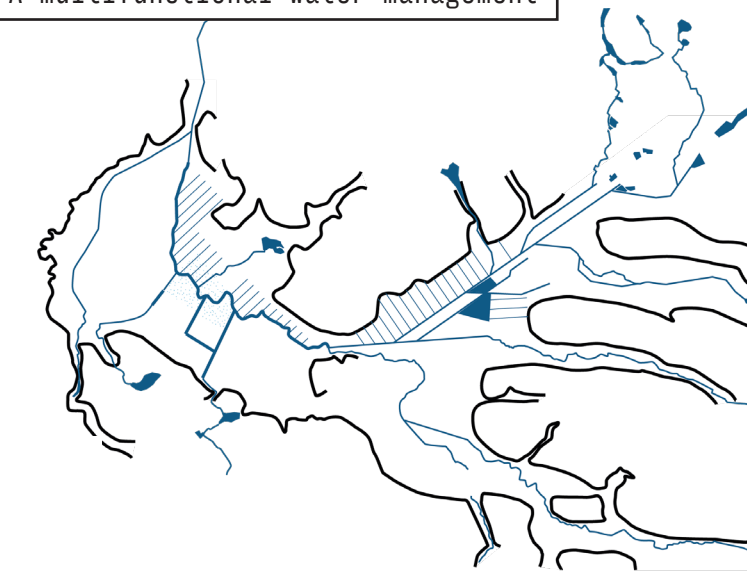


From fragmentation to a diversity of landscapes



- Create a diversity of landscapes and habitats within the Valley
- Strengthen forest continuity for biodiversity and leisures
- Open «green corridors» between the south and the north
- Promote agro-ecology with wind-breaking hedgerows
- Promote a diversity of cultures to supply the local inhabitants
- Reduce the impact of forest monoculture with strip cropping

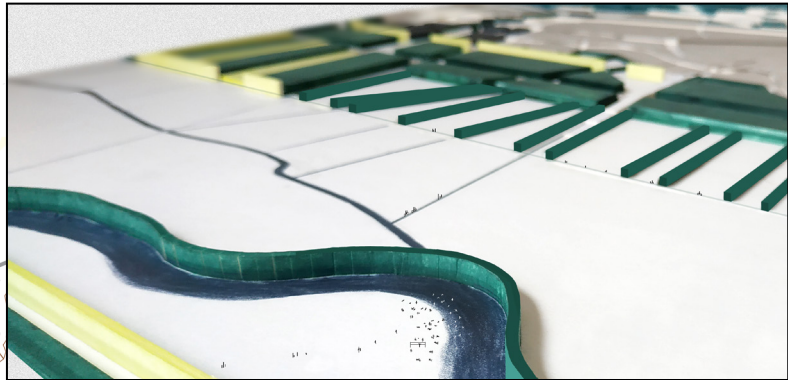
A multifunctional water management



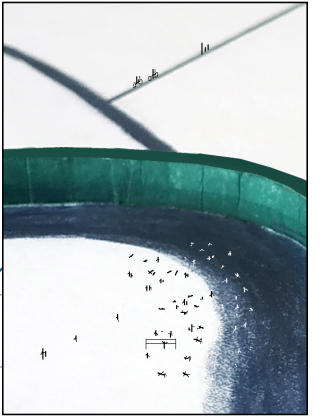
- Renaturalize the canals to promote biodiversity and improve flood resilience
- Create flood expansion areas to reduce their impact
- Recompose water continuities to connect the borders of the Valley with the center
- Reconcile the rigid geometry of water engineering with biodiversity and leisures



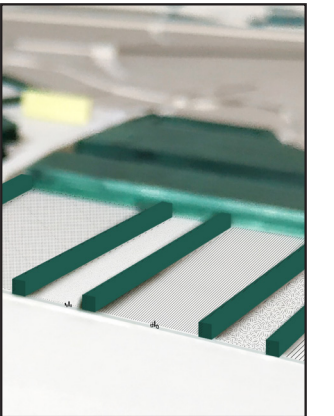
A contemporary fringe landscape structure for a multifunctional Valley



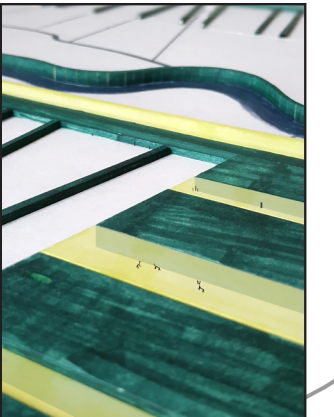
leisures in the Valley for the inhabitants



diversity of farming practices



diversity of natural habitats



Agricultural strips

Chaffard forest

Varezieu forest

La Verpillière

Marsh Valley

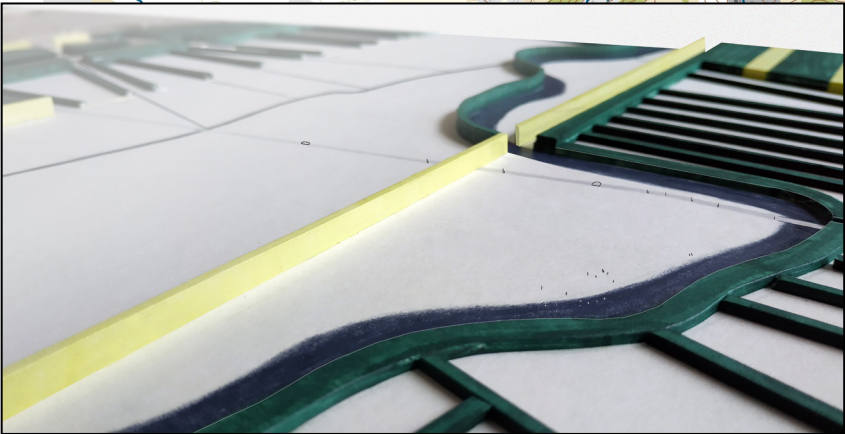
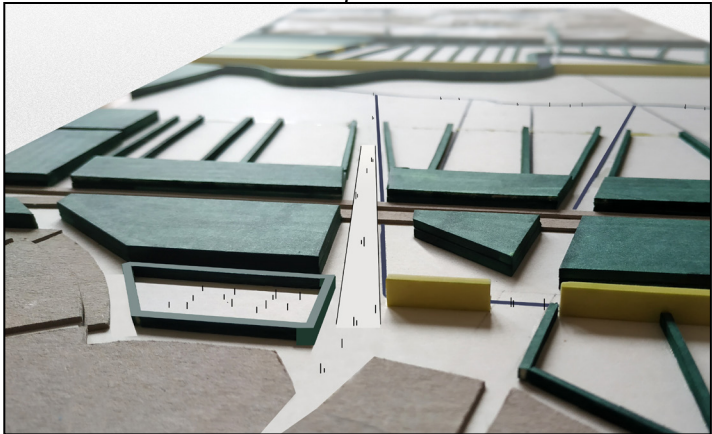
L'Isle d'Abeau

Villefontaine

Bourgoin Jallieu

Corridors of the Bourbre

Bourbre Valley



- Urban fabric
- Activities
- Monoculture
- Other types of cultures
- Poplar crop
- Forests
- New forests
- Hedgerows (with trees)
- Conserved historical poplar alignments
- Water
- Train line
- Main roads

1:100 000

0 4km

