

# LE SENS DE L'EAU

## Restoring and reclaiming a river

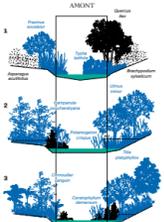
The first principle of the restoration of Caravelle is the identification of its watershed, the creek and its tributaries as veins of a turquoise network to be re-established and constituted as ecological corridors rich in biodiversity.

Restoring the river banks is a fundamental part of restoration. The aim is to restore soil that has been drained of water and planted with vegetation, and to give space to the watercourse so that it can draw its own paths and boundaries. The banks of the Aygaldes are very heterogeneous, but the aim is to free them from concrete walls, culverts and pipes.

Riparian vegetation must be cared for and restored, drawing on the qualities of endemic and introduced flora to protect the soil. Only invasive and harmful species should be controlled. Riparian vegetation contributes fundamentally to water and soil health, and can also mitigate the action of existing pollutants.

A healthy river is home to animal species capable of completing their life cycles. In the case of the Caravelle, this depends not only on the quality of the water, but also on the re-establishment of a continuous, fluid flow of water from the source, which is currently tapped upstream.

## Restaurer la zone riparienne



## AVANT

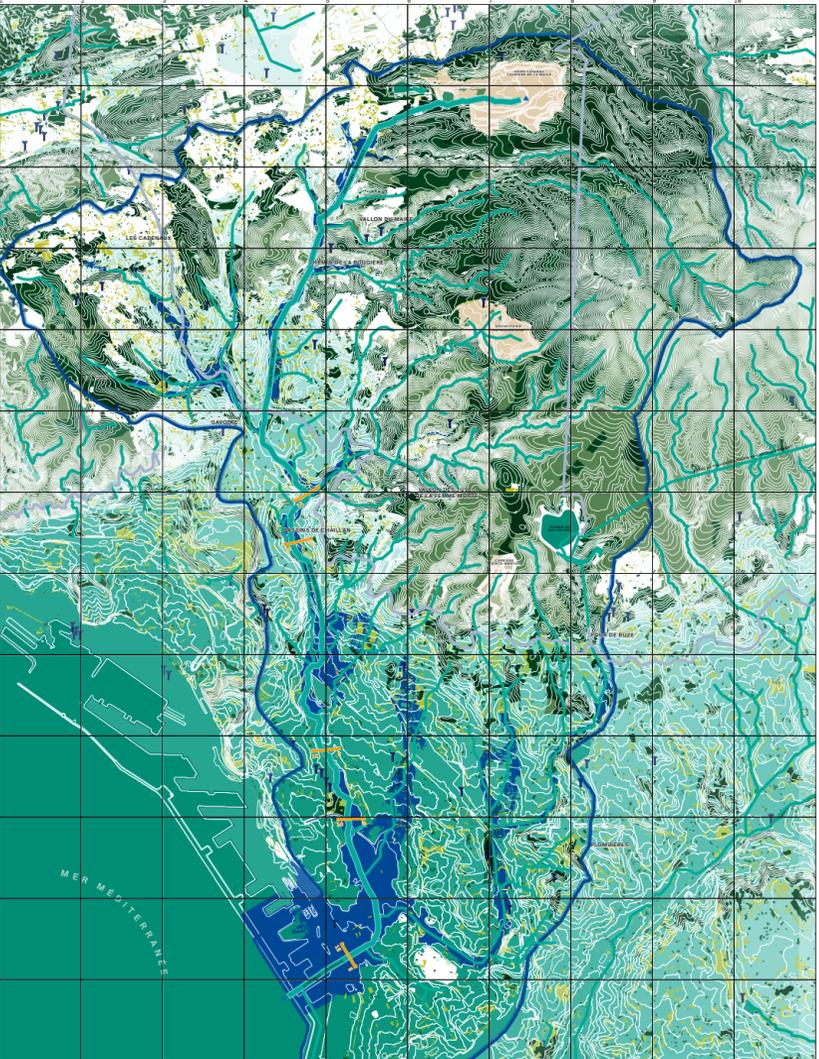
1. Reconstituer une riparienne humide
2. Planter des arbres et des plantes autochtones
3. Contrôler les espèces envahissantes et exotiques

## Cadrer les résistances

- Contenir certaines espèces rudérales:
  - Melica ibera, espèces graminées...
  - Armoise chimera...

## Re-introduire la biodiversité végétale

- Re-introduire une riparienne vivante, orientée vers des espèces locales:
  - Saururus coccineus (Saururus)
  - Carex flacca (Carex)
  - Carex lasiocarpa (Carex)
  - C



## Taking care

The condition of the Caravelle-Aygaldes creek can be explained by the history of its neighborhoods and the expansion of the port. Interested in its motive power and its capacity to evacuate waste, industry and housing were built around it. The coastal river was reduced to a mere sewer, vulnerable and forgotten.

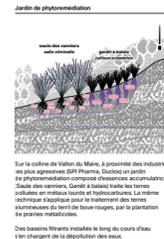
Caring for the creek means moving from a relationship of human-river dependence to one of interdependence. According to biocultural law, the recognition of a stream as a living being and of its communities as custodians grants them a certain form of sovereignty over the territory.

Care is expressed in the following three ways in the watershed: care in the city through the life-support network made up of organizations, facilities and associations that are already involved with the environment on their own scale and need to be supported.

The community formed around the river, mobilized to give voice to the creek in a variety of ways: exploratory walks, artistic actions, scientific documentation, didactic and social inclusion activities, riverbank clean-ups, ...

## Jardins de phytoépuration

Sur la colline de Vallon du Maine, à proximité des industries et des quartiers de l'Est, des jardins de phytoépuration compacts d'espèces accumulatrices de polluants ont été créés. Ils traitent les eaux polluées en milieu urbain et hospitaliers. Le même principe s'applique pour le traitement des eaux d'égout de la zone de la zone rouge, par la plantation de plantes médicinales.

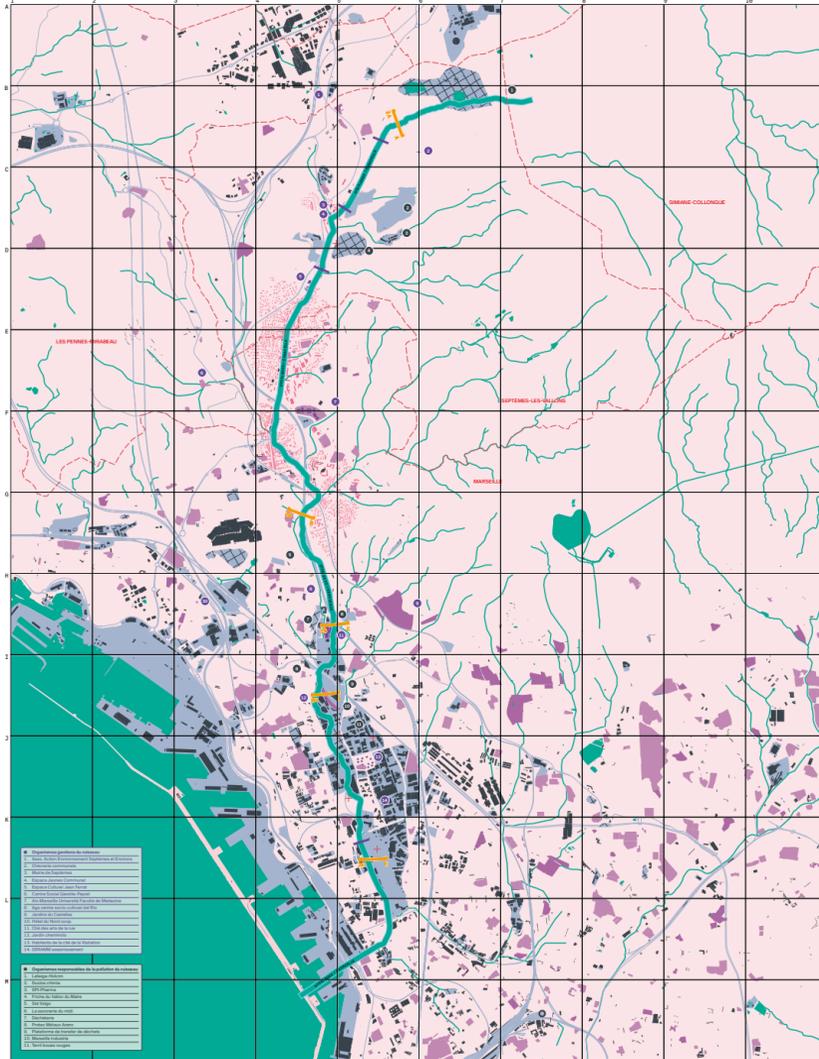


## Basins de phytoépuration

Des bassins filtrants installés le long du cours d'eau venant de la zone de la zone rouge, et amont de la zone de la zone rouge, traitent les eaux polluées en milieu urbain et hospitaliers. Le même principe s'applique pour le traitement des eaux d'égout de la zone de la zone rouge, par la plantation de plantes médicinales.



# LE SOIN DU COMMUN



## The potential of existing things

The Autoroute du Soleil marks the entrance to a vast amphitheatre facing the sea. This wide-open road cuts through the urban fabric as far as the city center, crossing and cutting into established neighborhoods, causing disruption and nuisance to residents. But the A7 also offers a succession of views of Marseille, its foothills, its historic and emblematic monuments, the sea and its port. The project is in line with recent studies and initiatives to transform this freeway into a multimodal urban boulevard (BUM) and proposes that this model be applied before entering in the Aygaldes catchment area.

The aim of the project is to capitalize on the potential of such an infrastructure, and to ensure that as many people as possible benefit from its investment. Asserting the quality of an ecological corridor for the living: the embankments and vegetated massifs constitute true living continuities on a large scale. This green layer must be defended and disseminated, and the project will seek to thicken it wherever possible.

Associating sports facilities and practices with the A7 landscape axis. Sports are played out in large spaces and constitute places of community. A network of sports facilities could be the first step in calming the freeway, prefiguring its metamorphosis. One day, we dare to dream, the Autoroute du Soleil will become the linear park with the most beautiful views in Marseille.

A7 en balcon: voir sur le massif de l'Écluse

## A7 en balcon: voir sur le massif de l'Écluse

Après son adoption par l'État, la Caravelle n'est plus qu'un espace à réhabiliter. Le collectif des Gardiens propose la réhabilitation des berges de la zone de la zone rouge.

## La découverte de la cascade en 2007 à la pointe de la Caravelle

La découverte de la cascade en 2007 à la pointe de la Caravelle a permis de réhabiliter le site. Le collectif des Gardiens propose la réhabilitation des berges de la zone de la zone rouge.

## A7 en tranche à Sauroux, une fondle de massif calcaire

Après son adoption par l'État, la Caravelle n'est plus qu'un espace à réhabiliter. Le collectif des Gardiens propose la réhabilitation des berges de la zone de la zone rouge.

## A7 en vis-à-vis sur la rue Auguste: la voirie végétale urbaine

Après son adoption par l'État, la Caravelle n'est plus qu'un espace à réhabiliter. Le collectif des Gardiens propose la réhabilitation des berges de la zone de la zone rouge.

## État de la Mer et ses aménagements locaux

Après son adoption par l'État, la Caravelle n'est plus qu'un espace à réhabiliter. Le collectif des Gardiens propose la réhabilitation des berges de la zone de la zone rouge.