

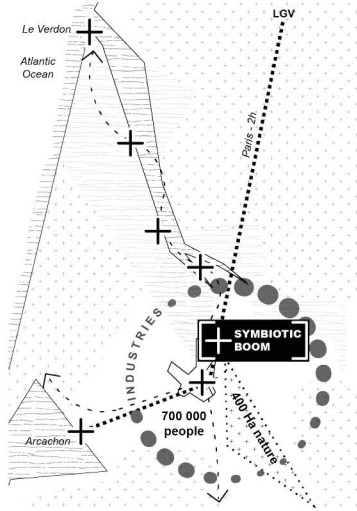
SYMBIOTIC BOOM!



The Anthropocene's state is critical, but not lost. Bassens represents a way to rebuild a society that is more sustainable, attractive and inclusive. At the nexus of biotic and abiotic infrastructures, the industrial port territory has the potential to transcend an ownership economy into an economy of usage, through bountiful land and logistic infrastructures.

To rethink an urbanized Gaia, we need to reinstate collaborative intelligence in human and natural systems. The result is a symbiotic economy where every single element is valued for the potential it carries rather than for its immediate worth. SYMBIOTIC BOOM! seeks resilience. Through functional hybridization, what is already there can become welcoming. With the "right to use", citizens are united in rebuilding a social capital.

A HYBRID MODEL ANCHORED IN THE PORT TERRITORY



When our alarm went off this morning, we woke up to the terrible truth that our blissful ignorance is now forever lost, and that there is no way of going back. We have entered a new era : the Anthropocene.

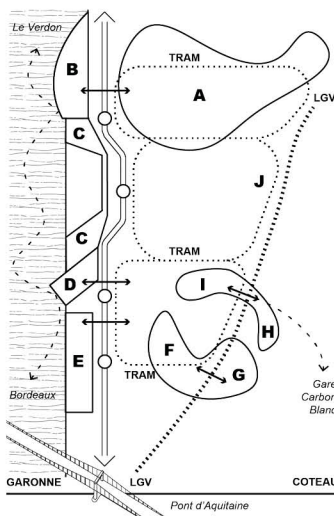
Up until now, the Anthropocene has revealed Mankind's ability to artificialize natural environments in order to maximize profits and pursue Capitalism's frantic chase for productivity. With the emergence of sustainable mindsets, the usual production processes and exchanges are no longer adequate. Instead of confronting nature and urban society, we prefer using their strengths to create a hybrid intelligence.

SYMBIOTIC BOOM! is a first step towards this new era, where the revamping of the biological ecosystem and the rethinking of production processes meld together and help us reach a perfectly balanced society, offering the best of both worlds.

At the focal point in which the Gironde estuaire's port network, the railroad, and the Parc des Coteaux's ecosystem meet, a mutation process that conjugates nature and infrastructure is necessary.

This new societal model brings together the extraterritorial economy already generated by the site, and a local, regenerative, economy that is rooted in virtuous, sustainable, purposeful and inclusive ideals.

FROM AUTONOMOUS PRODUCTIVE ISLANDS TO A COLLABORATIVE ARCHIPELAGO



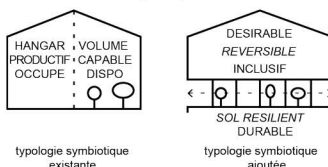
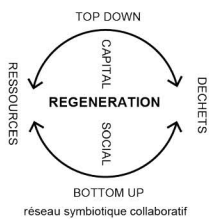
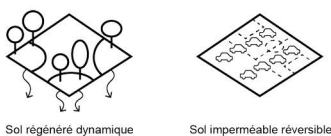
Coexistence indicates the existence of several parallel systems which are unrelated. The naming of the "autonome" port of Bordeaux is a perfect illustration of the state of coexistence between different industries, from different sectors and the landlocked port.

The image of productive islands isolated from one another reads like a succession of contexts and realities each handled individually. The infrastructures linking these islands are actually further isolating them with a monofunctional system.

Symbiose is a lasting and mutually beneficial biological association between two organisms. For the symbiose to operate between the natural biotic world and the abiotic infrastructures, it is necessary to make a network out of the productive islands. Thus, this group of islands will become a collaborative archipelago which transforms waste into new wealth.

SYMBIOTIC BOOM! is a way to pool companies' means so as to create a more efficient economic tool as well as an exchange interface for complementary activity sectors. Driven by mutual cooperative and collaborative values, hybrid programs may emerge, combining social, economic and environmental functions.

A REGENERATING AND REUSING DYNAMIC

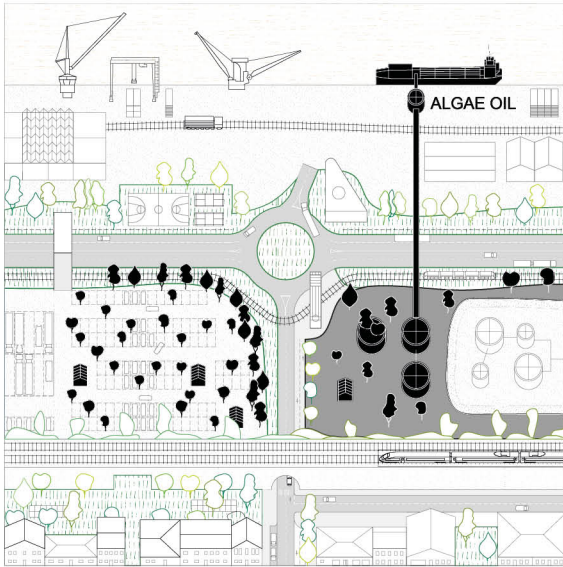


Artificial soil where productive and logistical usage has ceased is a godsend for experimenting a reversal of our ecological footprint in the environment that is welcomed us. The cleaning up of these surfaces or the reversal of fertile soil places them back in dynamic spaces that can host educational but also productive activities.

SYMBIOTIC BOOM! in its relationship with all kinds of resources is no longer extracting but regenerating. Ecosystems are progressively restored while still producing more wealth. What was waste in one system is source material for another. Five basic principles frame these exchanges:

- the association of the intelligence of organisms and human activities;
- the short-cycle development of a diversified local production;
- a free and direct collaboration between the ecosystem's entities;
- a diversity of players and resources preserved by the system's activity;
- territories that can be accessed through common flows/streams

The pre-existing infrastructures are generous enough to take on, beyond their primary functions, the new secure continuities as well as the user interfaces. The monumental dimensions taken from Bassens' typology (wastelands, hangars, cargo railway...) allows us to repurpose the margins of this hugeness to introduce some social bond.

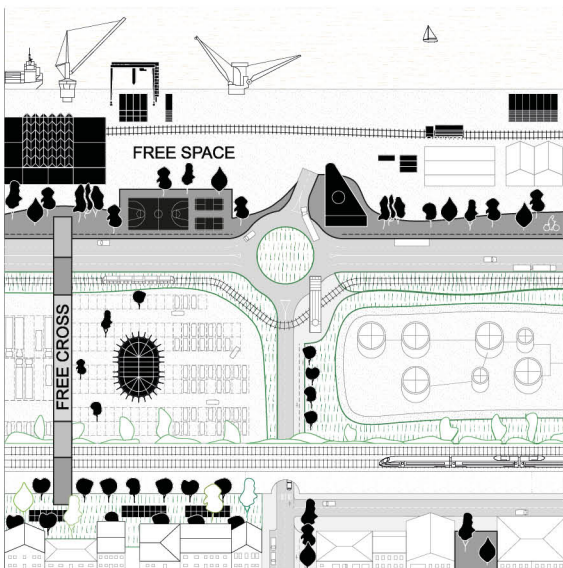


T1 : HERALDING

SYMBIOTIC BOOM ! draws its strength from its environment. Its starting point will be understanding its territory, so as to “make do”, while considering the importance of the existing buildings and natural spaces, because these will be the spaces on which something new can emerge. It often seems that large surfaces of land, outside of operating zones, are stuck in time and space and reserved by industries for future expansion. The Autonomie port, citizen collectives and industries will renegotiate this capitalistic take on land through a “right to use” / “right to pass through”. Connections and crossings will be organized to link the hinterland to the hillside, most notably through the reprocessing of train tracks which would enable the circulation of shuttles for locals and could be used for cargo by companies.

The ongoing soil clean-up has progressively revealed the environment’s potential, as it could become a vibrant mix of dynamic and edifying spaces.

As we “Show How”, we place the port at the center of the citizens’ lives, and it becomes an active showcase of a certain “Know How”. Several transient activities will portray a different vision of the territory, experienced by men and nature, allowing us to explore the nooks and crannies of the port universe.

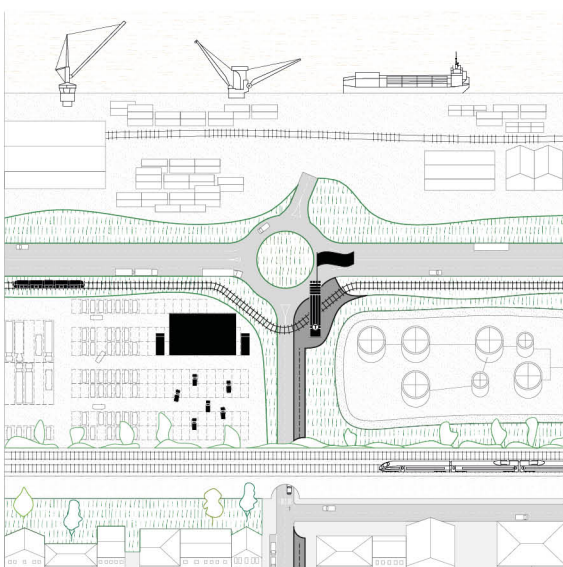


T2 : ANCHORING

SYMBIOTIC BOOM ! offers increased activity for the port. Optimization solutions are proposed for the stocking zones of container loads, to make more land available. These free spaces allow more interaction between users :

- “Fold”, is a logistic tool that is able to reduce stocking surface by 5 and halve the cost of transporting empty containers. As for the loaded containers stocked on the port, they are piled up using the Blue Cargo Artificial Intelligence. This technology reduces container handling by optimizing the standstill period.
- “Ship from store” is a shipping strategy which simplifies the product’s journey from the moment it leaves the factory to the moment it arrives to the consumer. This lowers shipping time and reduces short-cycle costs.
- « Life stripes » are an addition to road infrastructure, an array of activities open to locals, which guarantee a pedestrian and cycling continuity between hillside and port. The symbiotic city fulfils its duty as one of the city’s educational poles.

Simultaneously, the « Made in Bassens » label – a citizen cooperative – shines a spotlight on local products and the “Know How” talents produced in Bassens, thanks to the short-cycle system.



T3 : AMPLIFYING

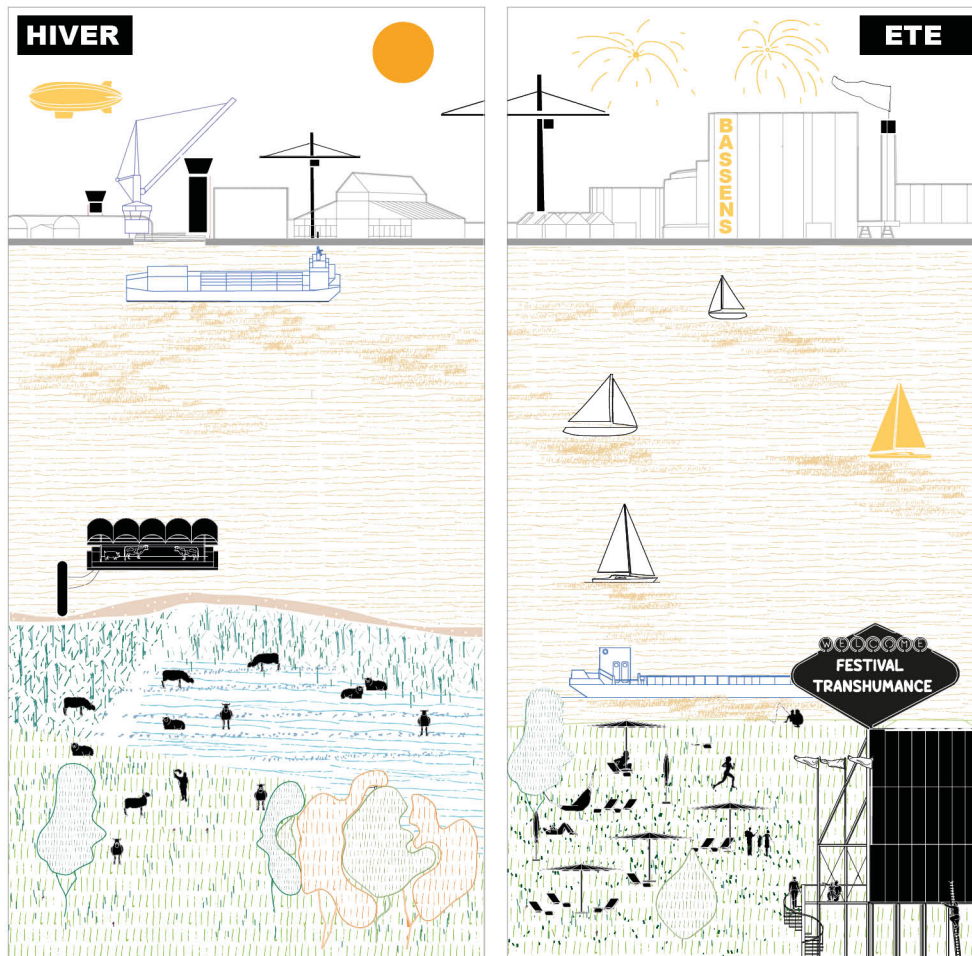
The economy switch that began in Bassens is now being exported to other port industry poles and is amplified through the already existing networks. Mutual helping and the sharing of knowledge, the transformation of waste into resources in Bassens, is all merging to become an extraterritorial collective intelligence. Thanks to the recent multimodal train station, the metropolitan RER now links Bassens to the Bordeaux metropolis. The train station’s neighborhood is becoming the social capacitor that welcomes all kinds of profiles.

The laboratory of the living, and the institute of jobs pertaining to port business, create a synergy between industrial players, citizens, associations and university establishments.

The symbiotic city does not wait for renewal through big constructions, it is able to “make do” with that which is “already there”. Citizens and institutions may host transient interventions, territorial players are linked throughout the city in circular fashion, enabling the exchange of skills and resources. This strengthens social capital.

MAKING THE INVISIBLE VISIBLE

If our senses lost themselves on the port's tarmac, the hillside offers biotic spaces full of emotion, where the fruits grow, the stars shine, and the wind blows. The symbiotic lens wishes for our senses to come back, all over the territory, through a physical corporeal experience.



At the nexus between visible and invisible, living organisms are recovering their place. In Bassens, our senses are altered by sensorial disturbances: the atmospheric pollution, the hubbub caused by the handling of containers, the fog due to port activity, the smells emanating from fermenting cereal that is being transported. Restoring our senses is a form of resilience expressed through living organisms.

SYMBIOTIC BOOM ! aims to help human activities evolve by instating a circular economy based around the recovery of material and immaterial waste. Our suggestion is to start by balancing any negative effects with a data collection system that would detect risks and nuisances. Then, later in time, we would limit this pollution with a modification of production modes.

The re-establishment of our senses makes it possible to self-appropriate rediscovered territory as we are now free to pause and admire it. The symbiotic lens asks us "Who is in control?" and calls for action. It is first and foremost characterized by the "right to use". This freedom of action brings the territory alive, it is the soil from which the innovative system of the new societal model may grow.

The acceptance of risk and the appropriate answer to that which we cannot control is not found in a conflict to win the power balance, but rather is contained in the collective intelligence which freed the soil to give it back its resilience. The symbiotic lens is a newfound sensitivity towards the responsibility each and every one of our actions hold.