

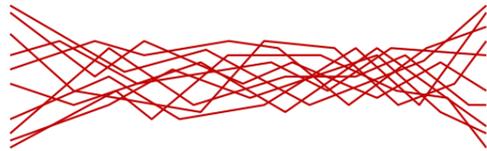


## PORTFOLIO

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**CHANTIER VOLANT** | artwork installation in the gorge of an alpine torrent, together with students from Ensa Nantes, for the VIAPAC contemporary art route, promoted by the musée Gassendi in Dignes-les-bains (France) and SESAC Museum in Caraglio (Italy).



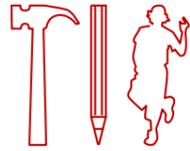
**SITUATION**  
at the entrance of Péroure gorges, an exceptional site in Alpes-de-Haute-Provence.

**DESIGN**  
from a former tunnel on the left bank emerges a "vortex" that crosses the river and clings to the rock face on the right bank.

**CONSTRUCTION**  
Material: wooden slats joined together with iron wire.  
The structure derives its rigidity from the organic amassing of numerous elements. The building process is collective and takes place on the site along the river. Once the structure had been constructed, an initial lifting test attempted to lift it and place it across the gorges: it failed. We must rethink the project on site. The structure is lifted along the wall against which it has been woven: it hangs like a creel above the mountain river in flood.

**EXHIBITION**  
three years for the VIAPAC  
Invitation to the Venice Architecture Biennale (French Pavilion Metavilla, October 2006).





**ARCHITECTONIK 2007** | student festival for experimental architecture organised by and for architecture students, May 2017 in Nantes. Coordination of the building workshop with 62 students from 15 architecture schools and the national meeting with 850 participants.

**CHALLENGE**

bring together students from different architecture schools in France, organize a construction workshop on a one-to-one scale, working in groups to produce architectural structures, and working collectively to compose a labyrinth architecture.

**EXPERIENCE**

administrative, financial and technical management of the festival, solidarity and cultural experience

**ISSUES**

Training in architecture, operational and experimental construction, collaborative process and creativity through action.





**GORDON MIT'A CLARK** | event bar made from reused old buffets, with the collective mit, for the student association Reezom and the festival Architecture 2009, in the former Alstom boatshed, in June 2009 in Nantes.



With a very small budget we build a 20 metre long bar.

**UPCYCLING**

Journey into the world of disenchanted furniture that awaits a second life at the bottom of the warehouse... We buy a pile of them at Emmaüs, we mishandle them: we cut the feet, we place the furniture next to each other and drill a multitude of small holes in their sides. We install power cables through the entire furniture and light bulbs where the family dishes used to be.

In the evening the light shines. Furniture is cured. The sides of the bar flicker and its feet are drowned in red light.





**SCHATZALA** | manifest construction process of 'making-with' (faire-avec), together with the collective *mit* at the architecture festival *Archi<20*, February-May 2012, Mutterscholtz. Experimental approach of reuse and participatory building site.



**PHASE 0 : competition.**

To invent ways of doing things that reconsider our relationship with production methods, we have to innovate right from the project's inception, by questioning the design tools themselves.

**Start with matter** and its manipulation, rather than an a priori representation of a possible materialisation. Matter is the starting point **and** the means to achieve the project.

**PHASE 1 : make with .**

- Preliminary sourcing of local companies and know-how (materials and skills).
- Contacts and partnership proposals.



**PHASE 2 : what's and who's here.**

- Site visit
- Meeting with companies and potential participants
- Inventory of materials and available quantities
- Collect material samples and transport them to our workplace.

**PHASE 3 : Hack!** Assembling differently, experimenting, hijacking materials.

- Study the intrinsic characteristics of the materials brought in.
- Working with the hand: experimenting with assemblies, hijacking materials, transformation, manipulation,
- Based on the assembly lines, first sketches of the project..



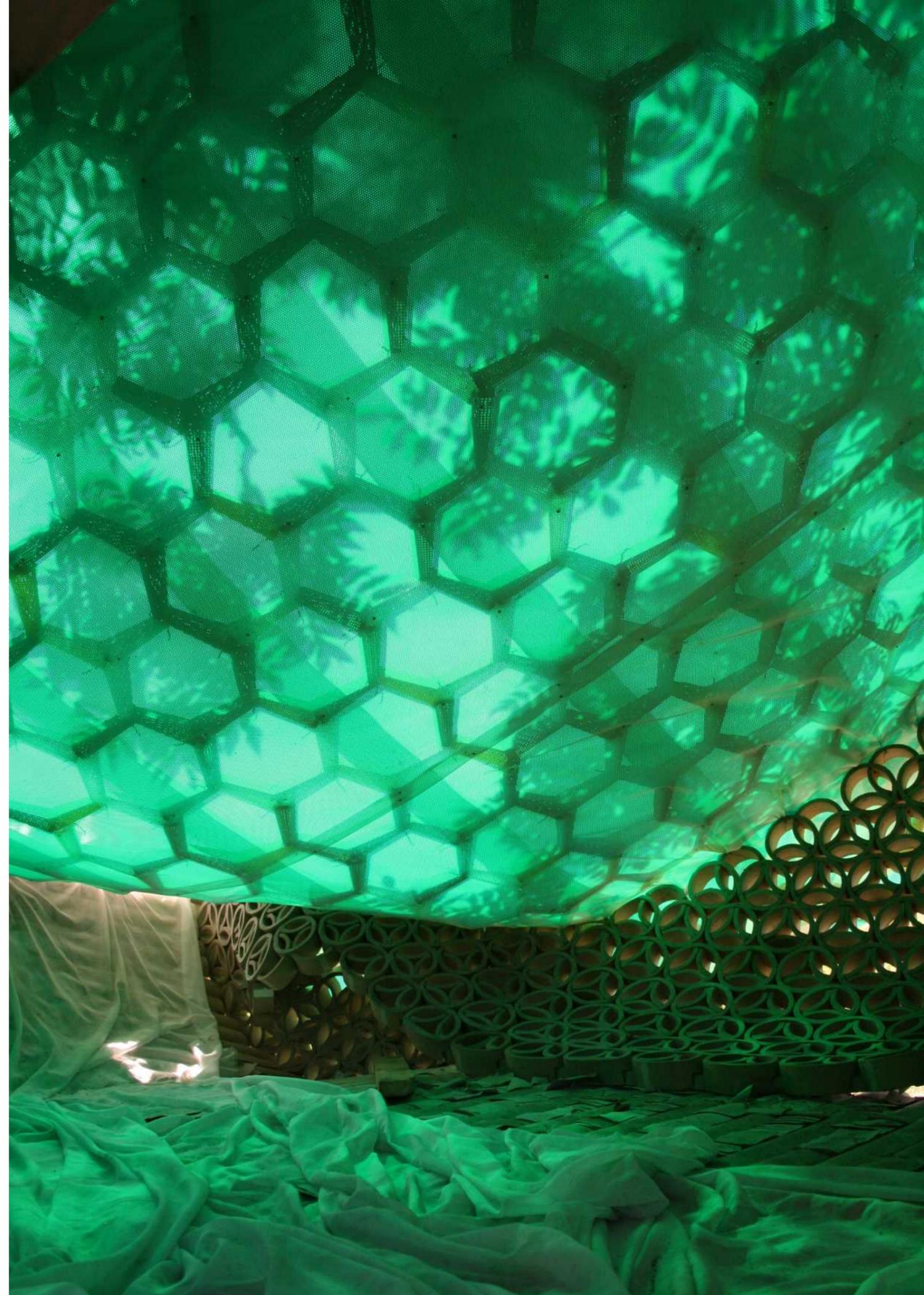
**PHASE 4 : Listening to our hands.**

- Overlap with phase 3, preparation for assembly.
- Order materials from partner companies.
- Prepare to set up the site: storage area, work area, accommodation, planning.
- Organise and plan the presence of the builders: call on them, **trust** them **and** learn from them.

**PHASE 5 : build together.**

second journey: Setting up/assembly.

- Installing the building site.
- Collecting all the materials from the local companies.
- Involvement of partners (sharing and exchanging skills, taking part in construction).
- Collective building site.





**CONSTELLATION(S)** | exploratory research in the Loire river estuary, together with the collective mit, collective etc, Atelier Flexible, Ecos, Fertile, les Marchands de sable.  
Outward route in May, return route in July 2012.



*Walk, walk, walk and take a break anywhere you can! Estuary of the Loire, people are talking about it. River mouth where are you? We're going in search, we'll see who you are. Architects, urban planners, landscapers, artists... to talk about it, we work with our feet. Exploring, collecting, meeting, listening to those who have something to say about it. Schelpp the trolley that turns into a tomato at night. Be the tomato filling. Speak, listen and collect along your way! Then, share the fragments of the river mouth. They report by themselves.*

**OUTWARD JOURNEY**

each of the 8 artists chooses a means of locomotion (hitchhiking, by truck, bike, canoe or on stilts) and a medium of representation (photo, video, drawing, writing or musical composition). They all set off from Nantes and meet up two days later in Saint-Nazaire.



**WALK BACK**

10 artists travel together and on foot, from Saint-Nazaire to Nantes, on the north shore and as close as possible to the Loire. For five days, they took turns carrying the load, immersing themselves in the estuary, conducting interviews and collecting samples along the river.

**"ÉTAPE"**

Collective exhibition at *Manufacture*, Nantes, October 2012.





**WAWA SCHPENNA** | experimental landscaping, together with the collectif *mit*, for the 13th edition of the *Jardins Métissés* garden festival, in spring 2013 at the Parc de Wesserling.



#### CO-WRITING

The process begins with a collaborative text (a story on the annual theme of "Gulliver's Garden"), in which we weave together the exuberant fictions and the concrete history of the place, some of our experiments with assembly and our guesses at the available know-how.

#### GARDEN DESIGN MATERIALS

We reuse plastic trays from garden nurseries:  
- assembling them side by side produces large arches (their arc depends on the offset)  
- the "heap-bonded" assembly of fragments of broken trays provides stability through its anarchic entanglement.

These plastic elements are linked together by a ligature (commonly used for concrete reinforcement) and its tornado tool.

Multicoloured linen threads (left over from local weaving production) interweave the structures and serve as the project's common thread.

The extraordinary plants in this strange garden are mostly supplied by the association for seed freedom Kokopelli, and are grown by a few retired Alsatian friends.

#### SCULPTURAL LANDSCAPING

Reused materials and donated seeds allow us to allocate a large part of the budget to on-site intervention time. The garden is therefore designed and built on site, as we go along.





**LE NUAGE BLEU** | mini camper and toolbox  
Restoration and interior fitting of a Citroën 2CV van:  
bodywork renovation, mechanical maintenance,  
adaptation of a front bench seat and interior fittings.  
Trips and workcamps in Central Europe.



**DO-IT-YOURSELF-AUTO**  
Mechanical maintenance and bodywork (with  
the support of Clemens Lausch, Werkstatt der  
Entenmann, Berlin),  
Home-made fittings (reused wood).

**BODYWORK**  
Dismantle, repair or replace body parts (doors,  
wings, underbody, pedals, etc.), weld, grind and  
sand the entire body surface,  
remove and treat rust (chassis beam, bodywork,  
roof rack), paint and reassemble.

**INTERIOR FITTINGS**  
Front seats (adapted from a Renault Twingo  
rear seat),  
shelves (reuse of scrap wood, white laminated  
multiplex) for camping equipment and  
toolboxes,  
sliding table developed as a backgammon game.

**TRAVEL**  
Brittany Tour (Feb. 2011)  
Deuch-Deutsch Trip (Nov. 2013)  
Berlin - Lot Valley (Apr. 2015)  
Cahors - Franeker (June 2015)  
Netherlands - Belgium (Aug. 2015)  
Brussels - Alps (Sept. 2016)





**À LA SOURCE** | carving a fountain for alpine spring water

Ten years of carving, on the occasion of each stay in Haute-Savoie: from 2014 to 2024.  
Chandore limestone, 450kg before cutting.

**SITUATION**

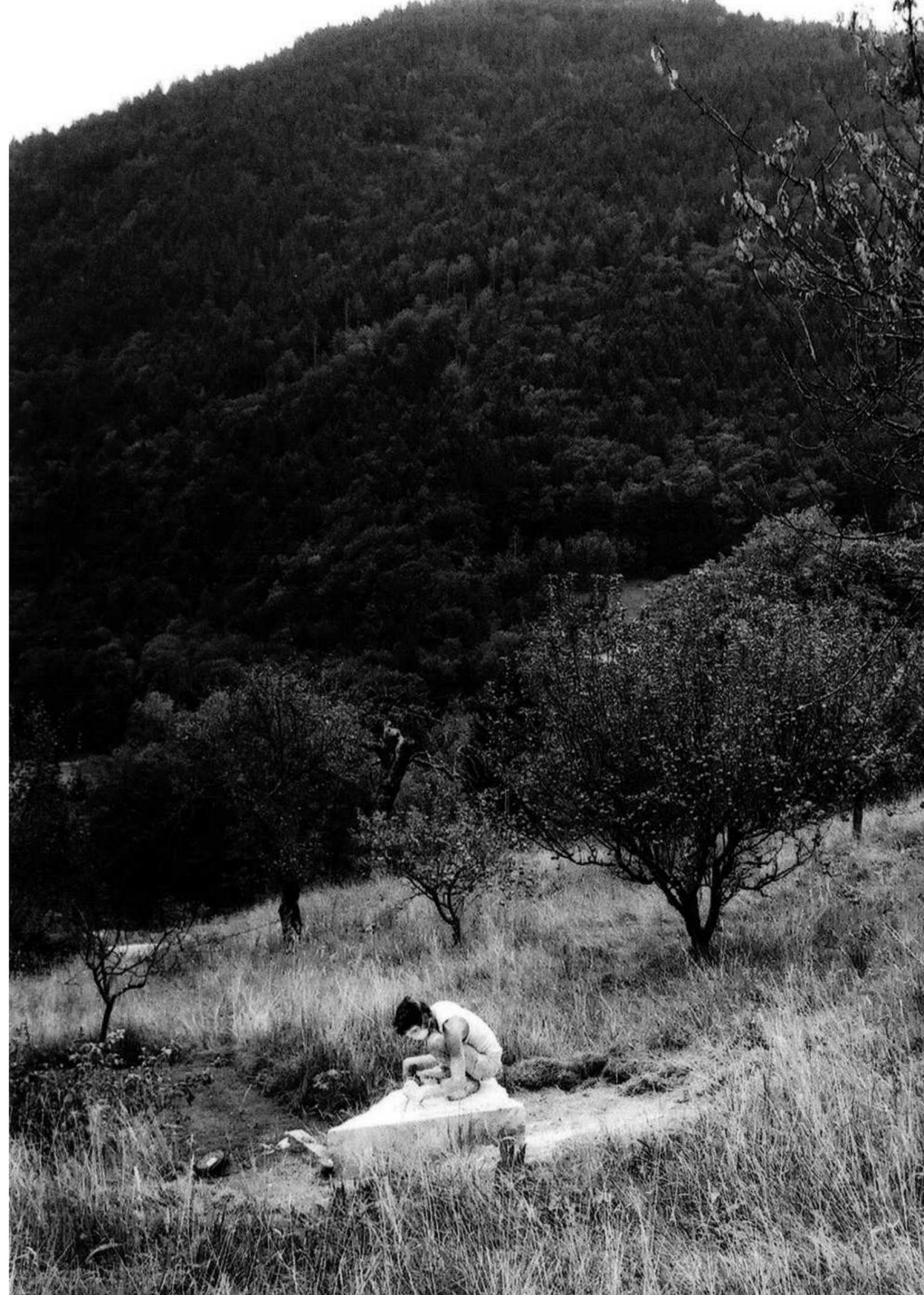
A "pied à terre" in my native region: an orchard on the flanks of the Tournette mountain, a mazot and a spring. The mazot is a small wooden chalet, about 9m<sup>2</sup>, with basic fittings. The spring is located at the top of the field.

**ISSUES**

The first challenge is to bring the water close to the chalet. This means manipulating, channelling and letting the water flow. More specifically, the gesture of stone-cutting is part of an artistic research process.

**THE STONE**

The chosen stone is a locally sourced one, acquired from a retired stonecutter. This very hard rock, weighing around 450kg before carving, is non-porous and non-ageing. It can be carved in small, gradual chips. By working this stone on each of my visits, time itself becomes a material (progressive cutting marks). Finally, the aim is to try to sculpt water: to grab this living stream, fresh from the heart of the mountain, drink from it, then return it to its course down the slope.



**LOTVILLE** | *Landscape of Desire* is an artistic residency by the collective *raumlabor* on the theme of the utopian city, in the Lot Valley in 2015. 10<sup>th</sup> contemporary art exhibition in the Lot Valley, organised by the *Maison des Arts Georges Pompidou*.



**ART RESIDENCY**

*Landscape of Desire* explores the concept of urban utopia, proposing a research and creative work to experiment the future outside the metropolises.

*Lotville* is a fictional city in the Lot Valley that questions the geography of our contemporary society.

Among a dozen installations, exhibitions and art performances of the contemporary art trail::

**LABORATORY GARDEN**

We transform the ornamental garden of *Maisons Daura* into a working and living space for experimentation and an instrument for the exchange of botanical wealth.

The "Golden Tomato Crystal Palace" welcomes among others numerous varieties of tomatoes.



**CABINS**

Several of the exhibited huts are designed as rough drafts of self-built housing cells, to accommodate the arrival of new inhabitants.

**SKYWALK**

The Skywalk is the largest in situ installation on the art parcours. It is a section of a future pedestrian highway located on the rocky summit of *la Roche de la Baume* in Calvignac. The steel structure was built from traditional corn dryers and local wood, secured with tension belts to concrete blocks.





**LA VIEILLE CHÉCHETTE** | participatory building process for a cooperative café-bookshop in collaboration with the collective *mit* and for the social cooperative *Champ libre*.  
Coordination of the construction process from October 2015 to March 2016 in Brussels.

**SITUATION**

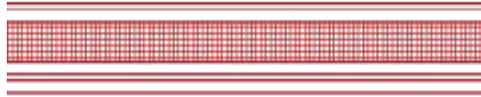
It all started with several friends who founded a cooperative to create a social and cultural center in the popular Saint-Gilles district, in Brussels. It started with two stores at 2 & 6 rue du Monténégro. One faces a square, the second a street to the west.  
We make a passage between the two. On the square without a name is the main entrance that leads to the café; you cross through to the bookstore where all second-hand and selected books are available at a low price; if you go down the stairs, you will find more books, organic food boxes and a play corner where many other things can happen.

**PARTICIPATORY BUILDING PROCESS**

From demolition to fitting out, we want to experience the building site as a shared adventure. To build ourselves everything that is manageable, to teach-learn how to build and to share our experience. And always give ourselves free scope to experiment. Deciding together step by step what to do. With the building site we are writing the beginning of the story of the Café-Bookshop. Walls, floor, light: materials. Many reuses - always this idea of recovering damaged materials - and a large participation...



**CENTRE HUMANITAIRE PARIS-NORD** | construction of emergency housing, together with Nathan Levison and the cooperative *Alter-bâtir*, in Porte de la Chapelle, Paris, September 2016.



**OVERALL PROJECT**

The architectural project was designed by Julien Beller on a disused railroad site for Emmaüs-solidarité.

Everything that has been built is removable, transportable and rebuildable on another location (the current land is intended for housing). The project promotes decent emergency shelter, the temporary use of the city's empty spaces and reusable architectural material.

Working with Nathan Levinson and a team of ten carpenters, we are building ramps, stairs, and guardrails to make the site safe.

**EMERGENCY CONSTRUCTION**

Using untreated square timber and protective netting, we spent three weeks building the following:

- 3 ramp
- 2 stairs
- 250 meters of guardrails
- 15 access interlocks





**MAZOT CORTI** | participatory construction process for a straw house in collaboration with Audrey Bouvier, for Céline Bidaut's permaculture farm project in Ponnay (Haute-Savoie, French Alps). October-November 2016, five weeks construction with a team of 6 to 15 woofers.



The ecological construction project started in 2014 with the restoration of a wooden house next to the farmhouse. The beam structure is based on the existing structure according to the principles of the GREB technique (straw building technique developed by Forschungsgruppe from Canada, which is a complete construction system for self-construction). In the fall of 2016, we coordinated the straw construction.

#### STRAW CONSTRUCTION

The traditional GREB technique is adapted to the project and the time of year. The first step is to cover the outside of the wooden frame with boards. It serves as wind bracing and weather protection. The realization (calibration, cropping and measuring) of the straw bales can be done from the inside of the hut. Loose straw is compressed between the wooden boards and the straw bale wall. A mortar (wood chips 4 vol., sand 3 vol., lime 1.5 vol., cement 0.5 vol., and water) is filled in the thickness of the wooden frame and the formwork inside the house and in the window and door openings. Thus, the straw is completely insulated to the outside and the global wind bracing of the building is completed with this mortar when dry.





**HABITER L'EAU** | meeting on the themes of non-standard housing, nomadic homes and living afloat, organized by the collective *mit* and the cooperative *Champ Libre*. Interdisciplinary exchange with lectures, readings, discussions and workshops: 28 contributors, from May 25 to 28, 2017 in Brussels.



This meeting aims to explore the imaginary of living on the water, to share issues related to freedom of movement and non-standard housing, and to activate militant networks for the right to inhabit differently. What interests us about non-standard housing is that it proposes a different relationship to the environment and to being together, and in this sense is a libertarian source of inspiration. What interests us about nomadic living is that it essentially advocates freedom of habitation. What interests us about floating housing is that water is a common good.

Thursday, May 25: **"Water milieu"**.  
Water management systems, the river as a transnational continuum, water as a commons, water as a source of inspiration.



Friday, May 26: **"Alternative housing and nomadic living spaces"**.  
Legal framework for lightweight housing, different approaches advocating the right to a different kind of housing, floating housing, mobility, undifferentiated private and public spaces, lightweight housing.

Saturday, May 27: **"The boat"**,  
Projects on the water, collective strategies of nomadism on the water, low-tech on board.

Sunday, May 28: **"Roaming"** in the streets and on the docks of Brussels. Visit on board *La Tenace*.

Free hearing on: <http://barkasse.collectifmit.fr/habiter-leau-en-ecoute-libre>



Fabien Bidaut  
Exposé  
*La Barkasse*  
  
Atelier de réflexion  
*Les stratégies collectives d'habitat à flot*

# Habiter l'eau

habitat hors-normes | habitacle nomade | habiter à flot

du jeudi 25 au dimanche 28 mai  
à la vieille Chéchette, rue du Monténégro 2-6, Bruxelles



| ateliers de réflexion | débats | lectures de textes |  
| workshops | projections | concerts |

& coproposition collectif mit  
coopérative champ libre



**BLUE PETER JOLLY ROGER** | heterotopic artwork installation and performance in public space, with the artist Federica Teti and around 25 participants, within The meeting *Habiter l'eau*, on May 27, 2017 in Brussels.

*Blue Peter Jolly Roger*

« Pirat boat ready to sail, require all crew »

*Blue Peter* is a maritime flag signal with a white square on a blue background: it is hoisted in the harbor and means that the ship will leave and that the crew should come back on board.

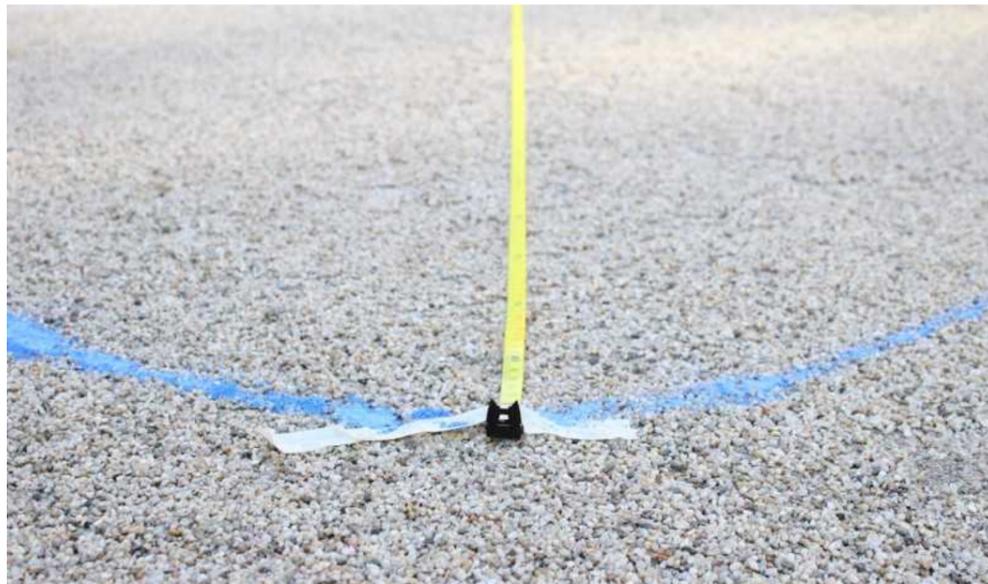
*Jolly Roger* is the pirate flag. It is often black (meaning: stateless and atheism)..

**INTENT**

*Blue Peter Jolly Roger* is a poetic spatial workshop about the commons versus gentrification processes. The performance stages a nomadic living space in a sedentary urban world.

**PERFORMANCE**

Representation of the boat *Barkasse\** on a one-to-one scale in the open space in front of the café-bookshop. The ground plan of the boat has been drawn with blue chalk using a folding rule and adhesive tape on the square, which does not yet have a name. After this strange construction site, we invited the public to come on board, walk from bow to stern, and imagine a common world outside the edge.





**WASSER KARTE** | workshop on mapping escape routes in collaboration with Shvan Mohammed Ali for theater workshops with Willkommenklassen of the Ernst Schering School, winter semester 2018, in Berlin.

Through a water geography, write the itineraries of each of the schoolchildren, from their place of birth to this classroom in Berlin, where we are all standing together.

**WATER GEOGRAPHY**

source of the map: *World of rivers, National Geographic*  
On the wall, a map projection without any borders. Only rivers, fossil tributaries, streams and wetlands emerge from the white background. By familiarising ourselves with the physical geography, breaking away from geopolitical boundaries and focusing on our relationship with water, we learn to express and listen to each other's stories – in German, the language we all share and which for none of us is our mother tongue.

**TRACE & MEMORY**

As everyone introduces themselves, the paths they have travelled take shape on the map, flooded with the light of memories (tracing and storytelling: manual and oral inscription). Saying the names of the towns or villages where we were born – forgetting the countries for a moment – and the names of fantastic rivers, telling the memories of the water vibrating on our skin, the seas we crossed, or the rivers we passed by at night without even realising it... We're experimenting with a personal and collective cartography, with water as the gateway, because for all of us, water is a common good.

ATLANTISCHE OZEAN

NORDS

Rhein

Senegal

Niger

Nil

ROTES MEER

Tiber

Euphart

PERSICHER GOLF

Wolga

KASPISCHES MEER

Ob

Jenissei

Irtysch

Indus

Angara

Brahmaputra

Ganges

Saluen

Gelber Fluss

INDISCHE OZEAN

au  
WARZES MEER



**RÉ-HABITER LE FLEUVE** | exploratory residence of the St Lawrence and Loire rivers together with the collective *mit*, *Aman Iwan*, *Adhoc architectes* und *Vlan paysage* within an international architecture and landscape residency organised by *MAPL* and *MAQ* organisiert, in October and November 2018 in Nantes and Montréal.



#### RESEARCH & CREATION

Exploration of two river environments on either side of the Atlantic, meetings with water and commons specialists, cartographic improvisations and collaborative writing of a fictional narrative inspired by the environments explored: this collective process involves research, writing, graphic and sound design, video and editorial production, the production of ceramics and the modelling of the 'riverity' using clay from the St Lawrence riverbed...

#### STOPOVERS

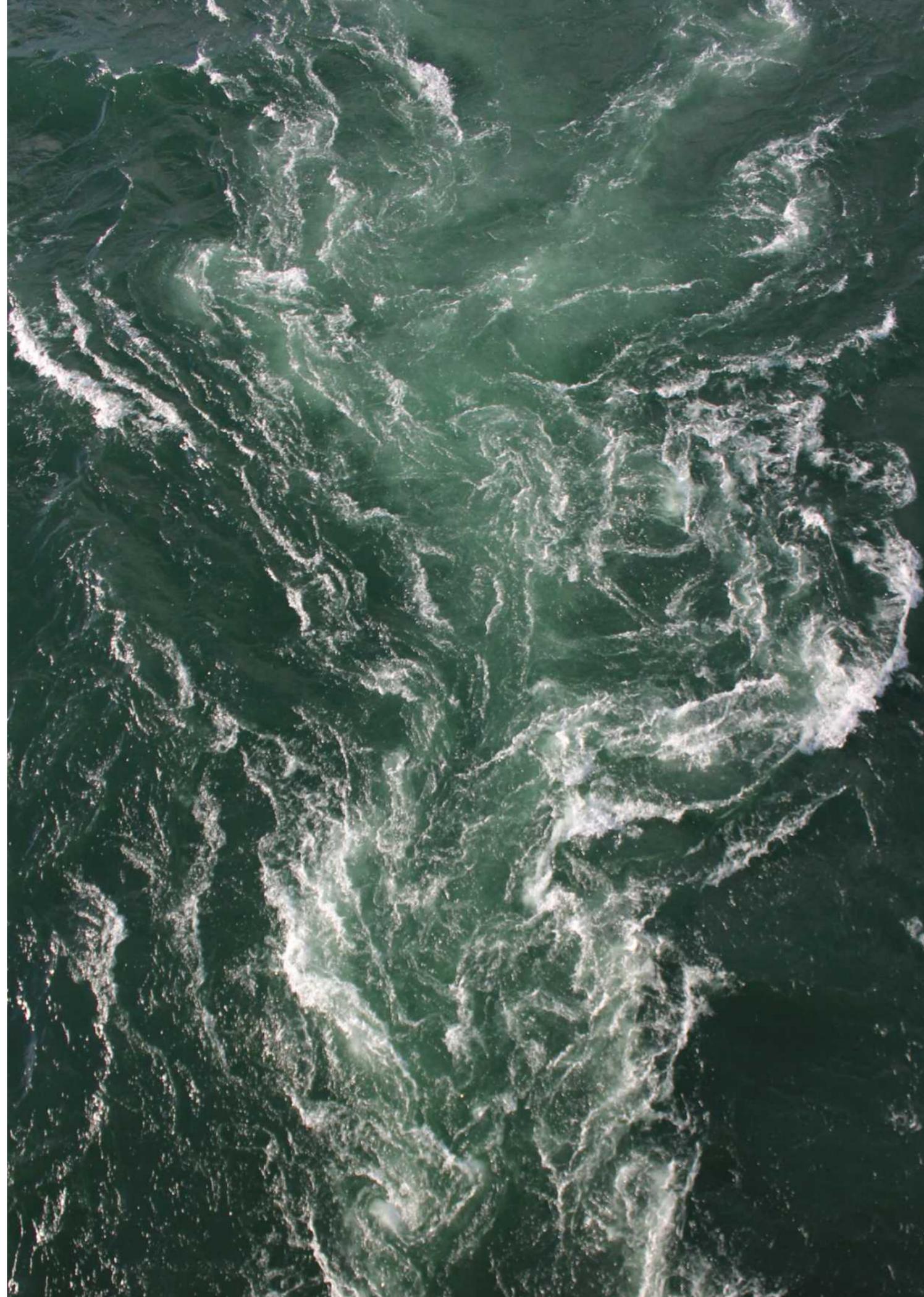
Between Montreal and Nantes, we spend two months immersed in the respective environments of the St Lawrence and the Loire: from the start of the residency, we mix these two river environments to think them together.

#### CREATIONS

Between fiction and reality, we compile surveys, travel diaries, explorations, architectural and landscape hypotheses, interview transcripts, lexical work and graphic production assisted by photocopier.

#### FREE ACCESS SHARING

Open source sound archives.  
Exhibition "UNDA" at *MAPL*, from October 2018 to January 2019, Nantes.  
Book "UNDA", self-published, April 2019, 240p.  
Presentation and round tables (Brussels, June 2019; Hamburg, July 2019; Nantes, September 2019).







**SCULPTURE NAVALE** | nomadic research art residency on shipbuilding know-how together with the collective *mit*, laureate of the art residency programme *Les collectifs d'artistes* of the *Institut Français*, in Amsterdam, Franeker & Hamburg in June-July 2018.



**RESEARCH & CREATION**

*Sculpture Navale* is the collective work through which we experiment with the structural, formal and plastic qualities of steel; it is also the process through which we seek to reveal the instability and diversity of the water milieu (*Habiter l'eau\**); finally, it is halfway between steel and water, the first gestures through which we sculpt a vessel (*Barkasse\**).

**STOPOVERS**

Two months of immersion in the heart of three environments with a common link to the water and shipbuilding: Amsterdam – a city of canals, a major European cultural centre focused on its waterways; Franeker – a rural environment in Friesland whose shipbuilding activity is based on a tradition of living and working on the water; Hamburg – a major port of the Hanseatic League and a traditional place for building barkasses.

The artistic process consists of immersing ourselves in the culture of water and the 'art of making boats', collecting know-how and experimenting with the technical habits of shipbuilding, in order to reveal, through all possible artistic mediums, the richness of this shared intangible heritage.

**LOGBOOK**

The whole process is documented in an opensource archive, compiling drawings, performances, sculptural productions, etc.





**SCULPTURE NAVALE #2** | construction of floating islands for the commons

Coordination of the participatory building process together with collective *mit* (Nantes), *Das Archipel* (Hamburg), *fts* (Berlin) und *atelier flex* (Hamburg), March-July 2019 in Hamburg.

**RESEARCH & CREATION**

*Sculpture Navale #2* is a life-size experiment with other ways of organizing coexistence, based on the participation of all the people involved in decision-making and collective means. In partnership with the sociocultural center *Honigfabrik* (Hamburg) & the shipyard *Esclair* (Nantes).

**BUILDING ISLANDS**

From early March to mid-June, we collectively built two new islands for 'das Archipel': 100m<sup>2</sup> of water surface constructed from four steel pontoons, with suspended floors over the water, roofs, railings, shelves and gangways...

**ACTIVATING THE COMMONS SPACES**

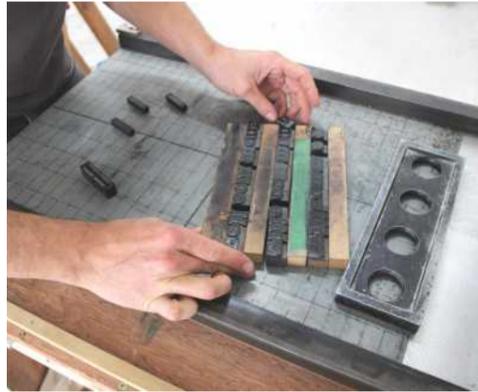
Libraries, like the waters' surface, are currently considered to be commons, which is why they are an ideal starting point for experimenting and deepening reflection on the possibilities and ways of approaching the commons.

We're promoting an experiential way of learning and sharing knowledge: we see bookshops as workshops. In June and July on board the new islands of the Hamburg archipelago, then in September and October within the walls of an alternative shipyard in Nantes, the *Bibliothèque du Futur (Bibliothek der Zukunft)* offers a space and a cultural programme open to everyone: this mobile infrastructure for artistic and social production initiates workshops, artistic performances, concerts and readings.





**BIBLIOTHEK DER ZUKUNFT** | open thinking, writing, translation and printing workshop open to all, co-organised by collective *mit* (Nantes), *Das Archipel*, *atelier flex* (Hamburg) and *fts* (Berlin), July 2019 on board the floating islands in Hamburg, September 2019 at the shipyard *Esclain* in Nantes.



The Library of the Future (*Bibliothek der Zukunft* or *BdZ*) is a mobile infrastructure for artistic and social production on water, a collective structure open to all.

**AFLOAT: EXPERIMENTING WATER AS A COMMON SPACE**

Aboard the *Archipelago*, moored to the quays of the *Honigfabrik* socio-cultural center in Hamburg, we are experimenting with the transfer of knowledge and know-how.

For a month, the floating islands, courtyard and docks teem with activities: lectures, thinking workshops, co-writing and translation, linocutting and printing, a dedicated program for kids from the neighborhood, fanzine publishing, concerts, artistic performances and public readings... The *BdZ* unfolds in the heart of the working-class district of *Wilhelmsburg* to live, do, think and work together.



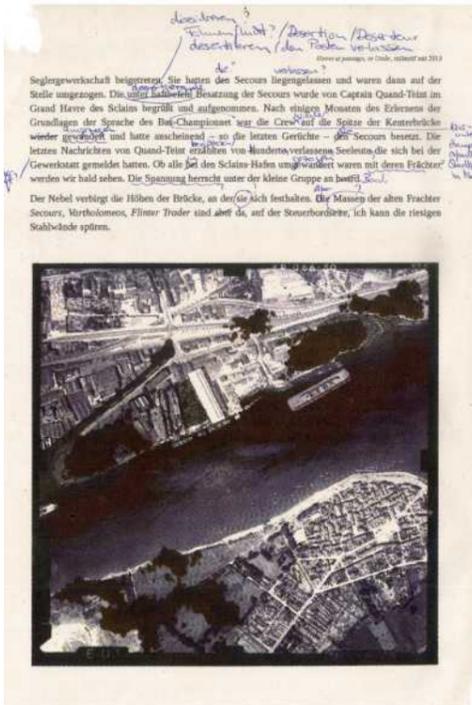
**ON SHORE: INSPIRING LAND USE WITH WATER**

We repeat the experience in an alternative location on the banks of the *Loire*: at the shipyard *Esclain* in Nantes. We stop over there with the same method, in a French-speaking context: thinking, co-writing and typography workshops, cyanotopie, an artistic performance of writing administrative documents at zero cost, unpleasant readings (in collaboration with the *PUMA* collective) and a concert of disturbing music... The *BdZ* opens its doors in the heart of the working-class *Chantenay* district, to experience once again and in a renewed way, the sharing of an immaterial and libertarian heritage.



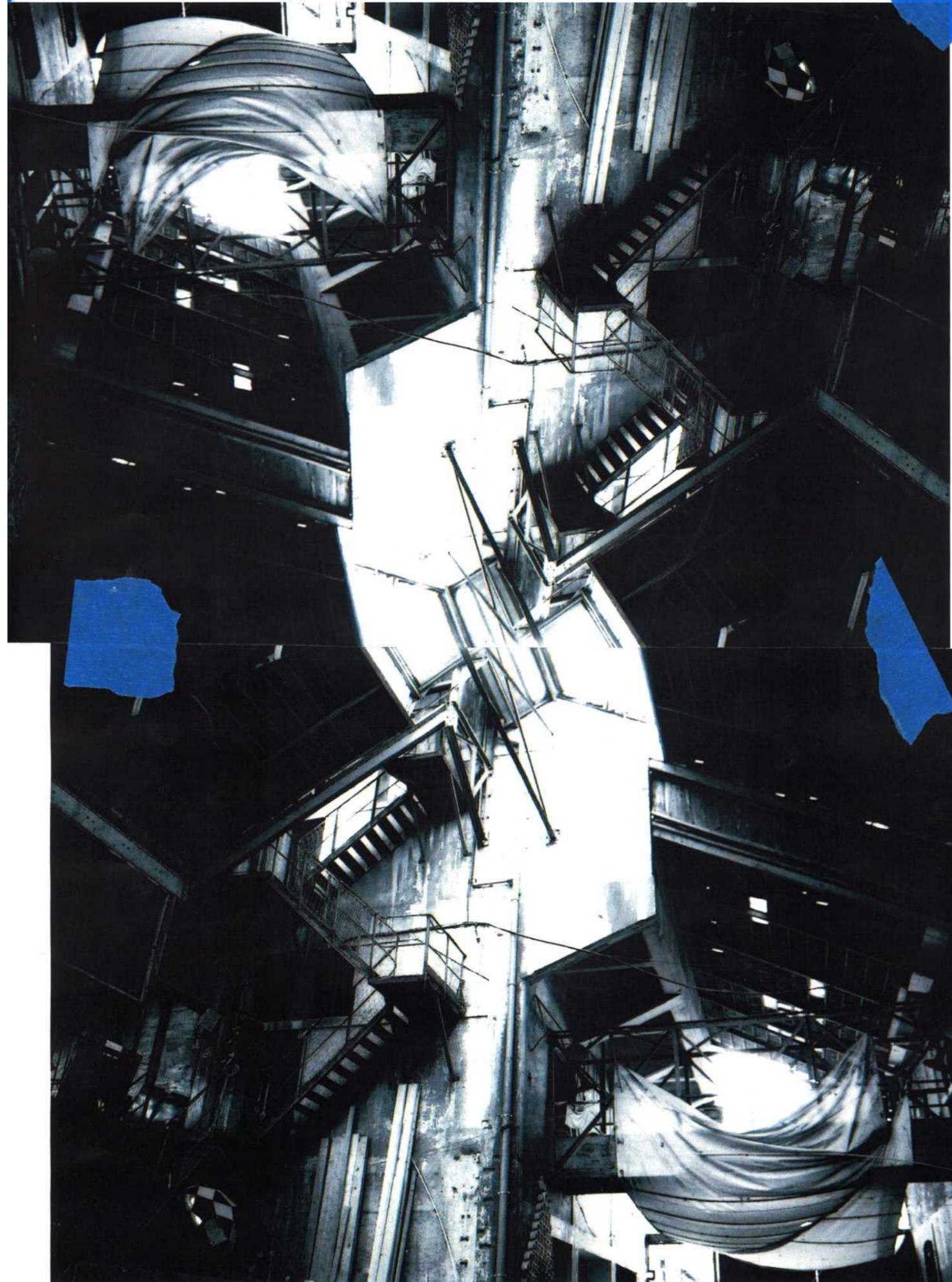
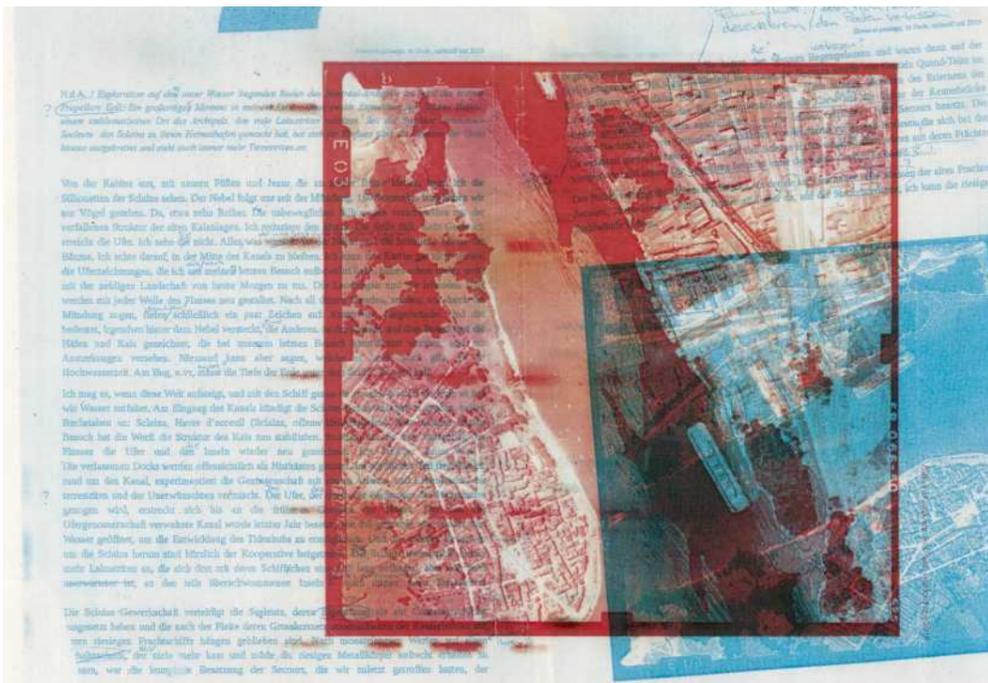


**HAVRES ET PASSAGES** | collective, bilingual poetry rewriting  
Co-writing with Claire Mélot in French within the architecture and landscape residency (ré)habiter le fleuve in 2018, translated within the *Bibliothek der Zukunft* in 2019.



"The Sclains union is defending the seafarers whose owners abandoned them on container ships and who were stuck upstream of the Capsize Bridge with their huge cargo ships after the bankruptcy of their major corporation. After months of waiting for a paycheck that never came and tired of having to keep the huge metal hulls upright, the entire crew of the *Secours* we had last met had joined the sailors' union. They had abandoned the *Secours* and then moved on the spot. The crew of the *Secours*, under arrest orders, were welcomed and taken in by Captain Quand-Teint in the Grand Havre des Sclains. After a few months of learning the basics of the Bas-Championnet language, the crew had migrated back to the top of the capsized bridge and had apparently - according to the latest rumors - occupied the *Secours*. The latest news from Quand-Teint told of hundreds of deserted sailors who had reported to the workshop. We will soon see whether they had all moved to the Sclains harbor with their freighter. Tension reigns among the small group on board. The fog hides the heights of the bridge they are clinging to. But the masses of the old freighters *Secours*, *Vartholomeos*, *Flinter Trader* are there, on the starboard side, I can feel the huge steel walls."

[free English translation of an extract from: MELOT Claire & BIDAUT Fabien, "Havres et passages"]





**SCULPTURE NAVALE #3** | research and creation process on environmentally friendly river mobility collaborative research with *Polytech*, *ICAM*, *INP-ENCIASET* and *Emergence*, academic year 2021-22; participatory building process, July 2021 in Franeker; intercultural exchange, August in Hamburg & September 2021 in Nantes.



**COLLECTIVE RESEARCH**

*SN#3* collaborates with universities, industrial actors and users to create synergies of knowledge and know-how.

**BUILDING TOGETHER**

*SN#3* designs, produces and installs the technical equipment that turns the *Barkasse\** into the prototype of sustainable river mobility. Collective ingenuity, curiosity and free participation are the core of our working practices. They contribute to a European network of the commons.

**FRUGALITY AND AUTONOMY**

*SN#3* dimensions sustainable technologies to ensure navigational autonomy on board the *Barkasse\** according to the principle of "necessary & sufficient".

**SOCIO-CULTURAL ADVENTURE**

*SN#3* collects and produces knowledge, promotes the greatest possible exchange of expertise, organizes workshops, lectures and performances in public spaces. The two cultural programs *HoFa Hafen* in Hamburg and *Common Energy* in Nantes have brought together all project participants and have shared the artistic, technical and scientific experiences with a wide audience..

**ONLINE ARCHIVES**

The essence of this adventure has been published in various forms (short films, photography, technical manuals, etc.).  
Teaser: [vimeo.com/784138439](https://vimeo.com/784138439)





**LOW-TECH ON BOARD** | participatory research and development of low-tech shipboard equipment together with the collective *mit* and the student association *Emergence* from ICAM Nantes, from 2 to 7 August in Hamburg.

**LOW-TECH EQUIPMENT**

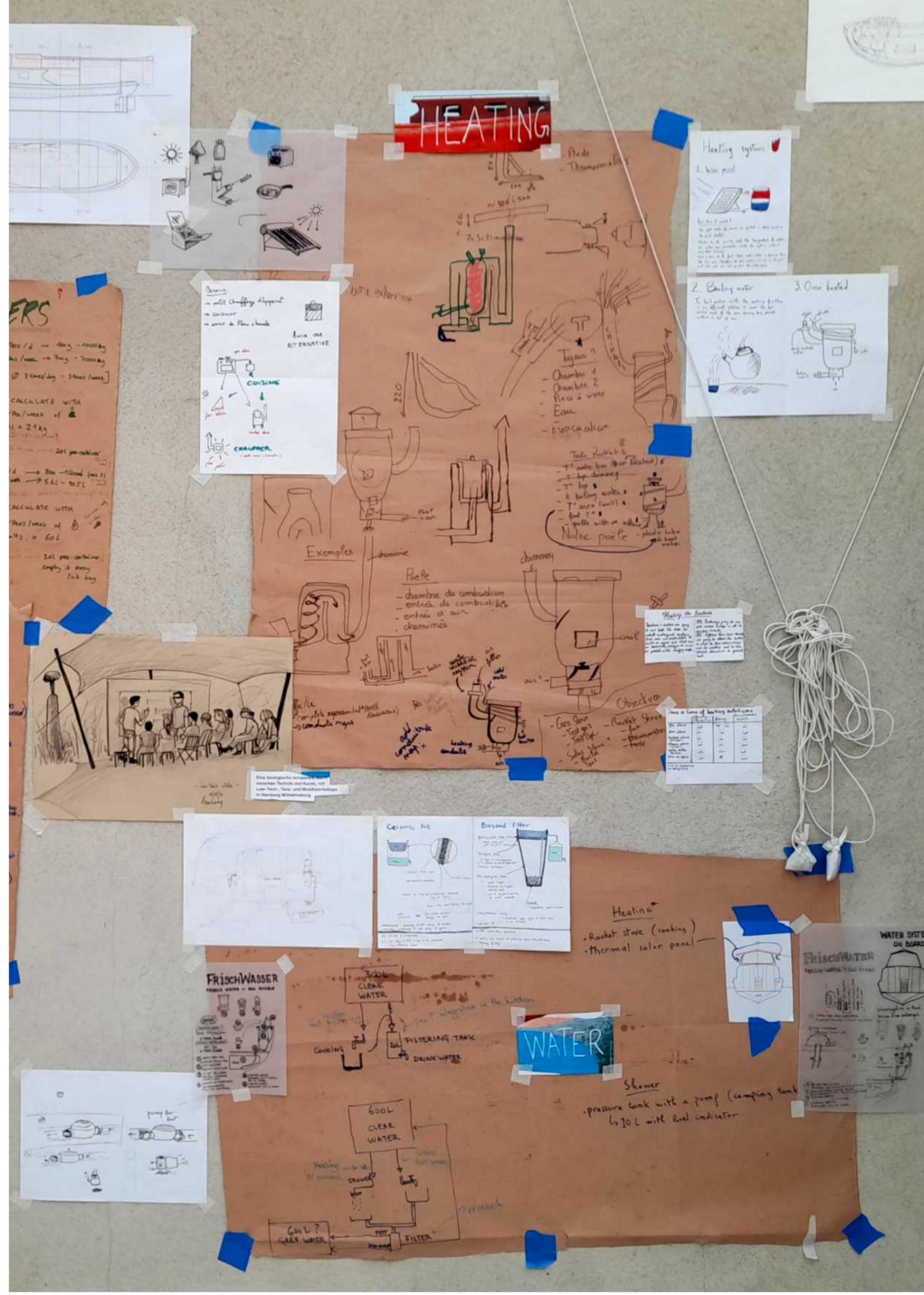
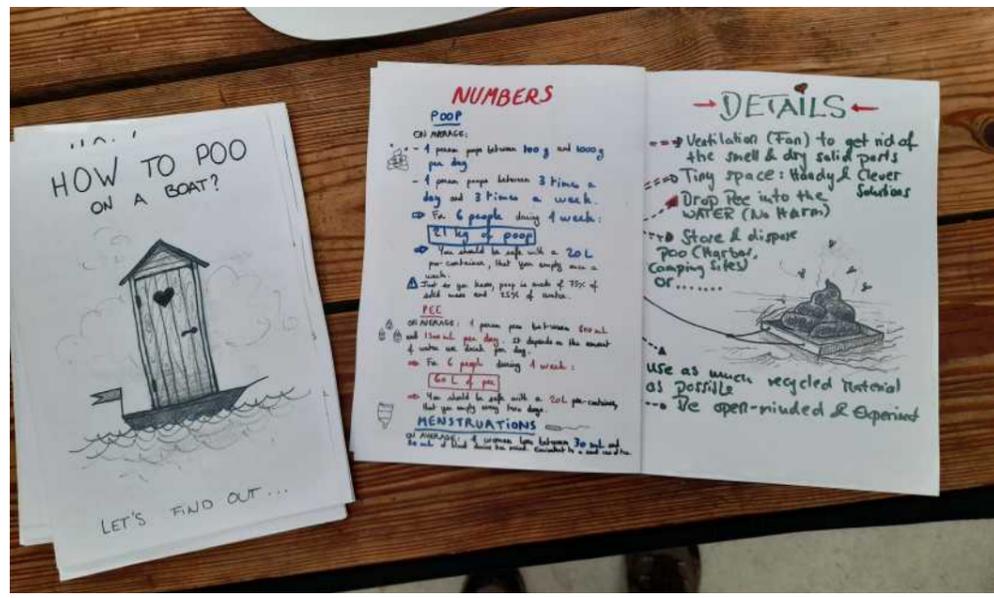
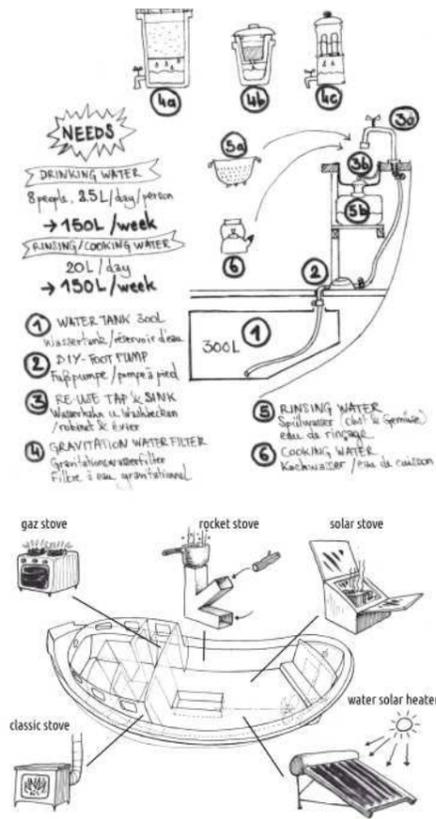
Low-tech components are simple, efficient and durable technical objects that can be built and repaired from local materials.

**WORKSHOP**

The French engineering students who have been working on the subject of sober, clean, sustainable and eco-friendly river mobility are travelling to Hamburg: they are sharing their knowledge, contributing to exchanges, and accompanying collaborative research during the workshop open to everyone, organised over 5 days in an arts and crafts workshop at the *Honigfabrik*. This thinking and DIY workshop explores, imagines and experiments the various technical devices that could fulfil the essential needs of living and working aboard the *Barkasse*®. It opens up new prospects for responsible engineering.

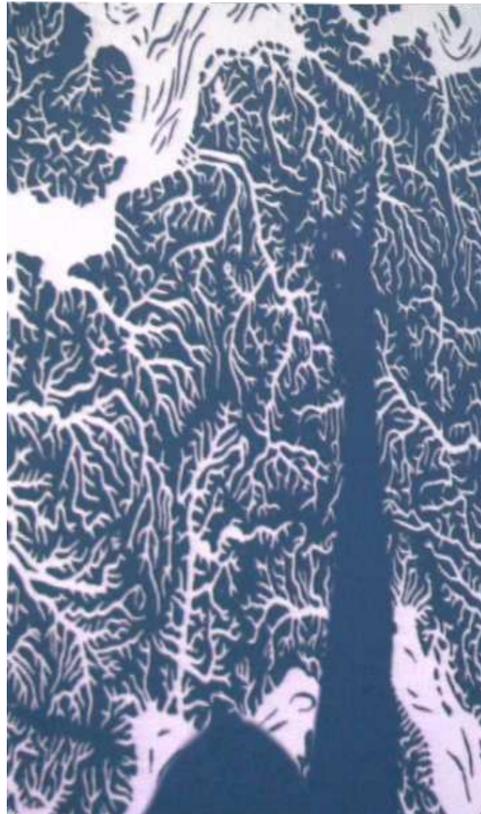
**MANUALS**

DIY manuals on low-tech equipment are produced for each of the themes and by each of the working groups. They are printed and distributed during the open day of the Low-tech on board workshop. The manuals can also be downloaded and printed freely online: [barkasse.collectifmit.fr/manuals\\_low-tech-on-board](http://barkasse.collectifmit.fr/manuals_low-tech-on-board)





**LOGBUCH BARKASSE** | reading and dance performance of a fictional river journey, together with Liliana Ferri (dance) and Sébastien Rocquefelte (live music), within *Common Energy*, a cultural programme of the project *Sculpture Navale #3*, on 18 September 2021 at the shipyard *Esclain* in Nantes.



**RIVER JOURNEY THROUGH WATEUROPE**

This public reading and choreographic and musical performance, set against a map of Europe's waterways, takes us on a journey aboard the *Barkasse\** through the immense network of waterways.

**SLOW MOBILITY**

Based on the study report on the multi-source renewable energy system, and in particular on the navigation scenarios used to dimension the energy autonomy of the *Barkasse\**, this performance highlights a new approach to mobility: adapting navigation to the seasons, currents and local climatic conditions; taking the time to move slowly, both in terms of speed and rhythm.

**THE STORYTELLING OF AN EXPLORATION OF THE WATER MILIEU**

Extracts from the logbook mark out the days of navigation and stopovers: the narrative immerses us in the diversity and fragility of the river landscapes, in the complexity and technicality of the river network, and through a long-distance navigation through inland waters.

This narrative takes us into a new relationship with mobility.





**OFFENER HAFEN ALTENBURG** | workshop and monumental fresco of imaginary navigations together with young people from the *Erich-Kästner-Förderschule*, *Other Music Academy* (Weimar) and *studio flex* (Hamburg), in September 2021 in Altenburg.



For two weeks, Altenburg's market square is transformed into a harbor for the sailboat Mary-Jane and a colorful intercultural project.

#### **WATER GEOGRAPHY WORKSHOP**

In collaboration with the school *Erich-Kästner-Förderschule*, we organize a youth workshop. Each group of young people imagines the boat they're aboard, explores the stops along the way using narratives and books from the municipal library, and draws the geography of Europe's waterways and their own route to Altenburg.

#### **WATER MAP**

Together with the young people, we create a large-scale map of Europe's waterways on the market square floor. Over a period of several days, we paint the cobblestones with chalk: their journey stories, seas and rivers take over the public space.

During an afternoon, the young people take passers-by on their borderless adventures, from stopover to stopover, until they arrive at the port of Altenburg. Large river stones, covered in fluorescent paint and placed on the water map, trace the imaginary itineraries of the young people. At night, these constellations of journeys make Europe shine.





**ALTENBURG-AM-MEER** | participatory construction process to transform a sailing ship into a socio-cultural platform, together with the *Other Music Academy*, May-June 2021 in Altenburg. *3rd Innovationspreis Soziokultur*



Altenburg am Meer has two core activities: the restoration of a sailing motorboat into a mobile workshop platform in a participatory construction site; and a colorful, multi-layered and summery closing parade around the themes of the sea, global responsibility and sustainable living. The project offers opportunities for socio-cultural experiences, brings together young and old people from different backgrounds, celebrates social cohesion in a changing city and at the same time sheds light on major ecological issues of our future.

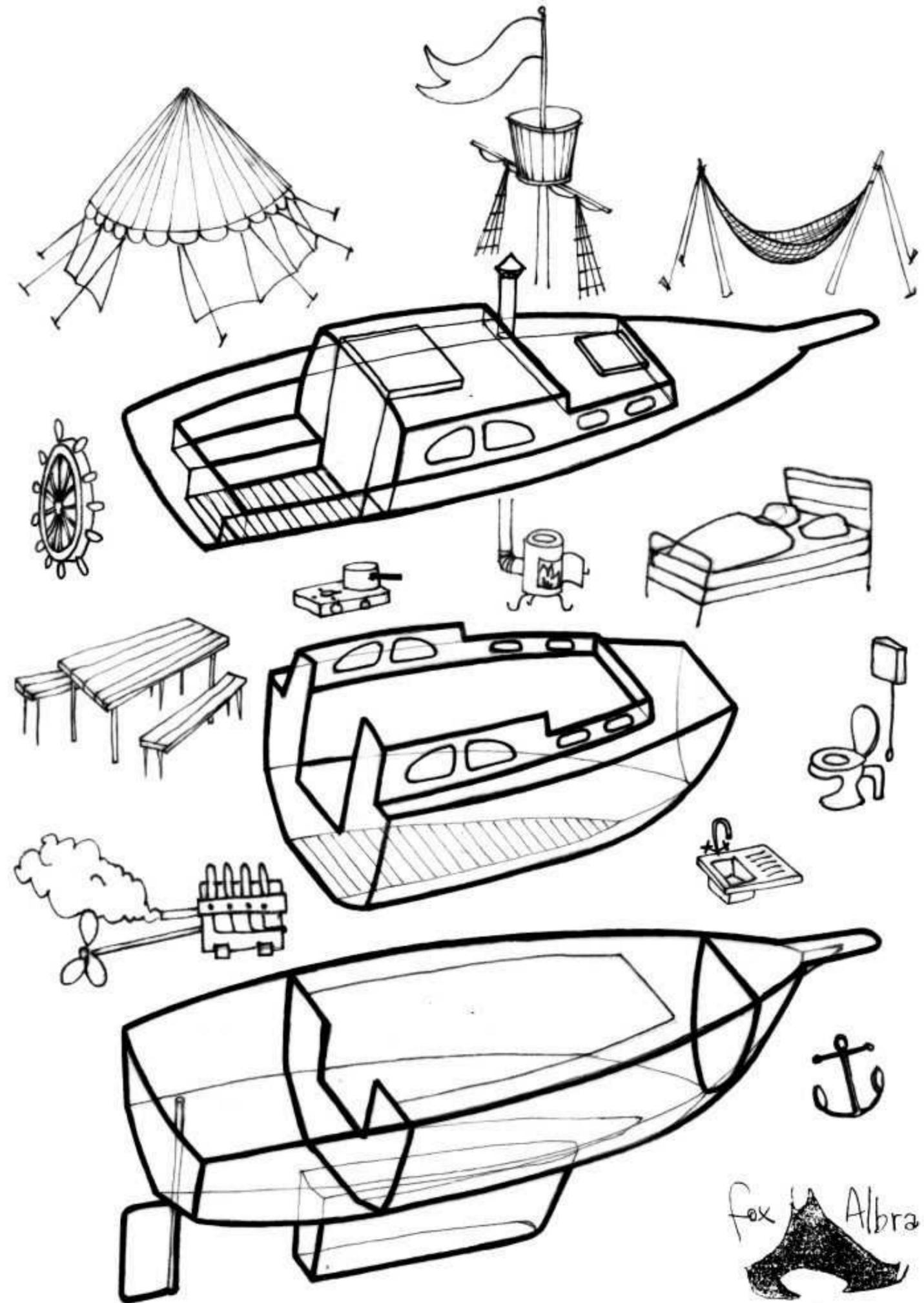
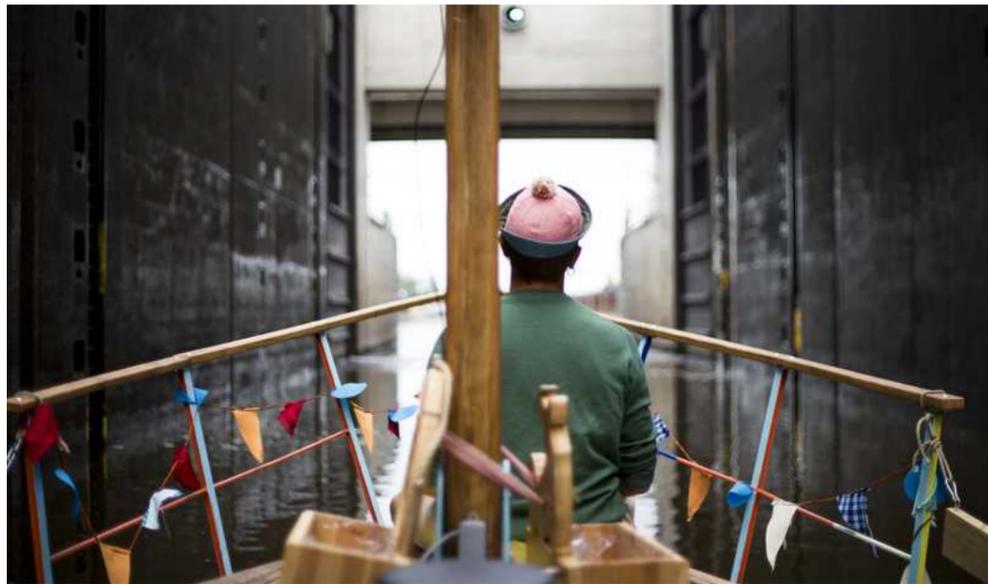
#### **PARTICIPATORY SHIPYARD**

With an eclectic team of people with various skills and the support of local associations, educational institutions, citizens, experts and companies, we built a boat shed together, housed the sailing boat in it and began restoring the hull and extending the deck and cabin.



#### **BOAT FOR THE COMMONS**

Over a period of four weeks, more than 100 people of all ages took part in the participatory shipyard that transformed the boat Mary-Jane into a floating socio-cultural platform. Since 2021, Mary-Jane has carried the flag of Altenburg throughout the Elbe watershed.





**Wasserde ~ CHRONIK DER MEERLBE** | art residency in the Elbe estuary, co-writing and reading performance together with Claire Mélot, Julien Fleurance & Nuria Syawash. Art installation & readings, June 30 for the festival *Between ebb&flow* and July 3, 2022 at *Honigfabrik* in Hamburg.



#### WATER CHRONICLES

The *Water Chronicles* present a method of exploration that combines writing and critical cartography, fiction and reality of water milieus. To be inspired by water as an environment and biotope in flooded harbors surrounded by industries means to look differently at water surfaces we believe to know and to make ourselves strangers in the land milieu of the Elbe, which we likewise believe to know. If the water rises [+2.3m in 2100, *IPCC report*] what will Europe's rivers look like? What is life like in a landscape and a biotope of water and land: a Waterland?

#### EXTRACT

... In EAuropa ist die Wattwaterküste bislang am stärksten von der Überflutung des Landes und des mächtigen Tempos von Ebbe und Flut betroffen. Trotz der beispiellosen Investitionen konnten viele große verDammte Hafensterde die Verbreitung des Deltas der Meerlbe nicht vermeiden. Abgesehen von den wenigen StadtEinseln, die sich hinter ihren immer höheren Betonmauern verschanzt haben, sind die meisten Küsten, Flussmündungen und ländlichen Gebiete, die heute den großen Wassermassen frei ausgesetzt sind, teilweise entvölkert. Diejenigen, die nicht in den paar HHansEinseln Zuflucht finden konnten, rückten tiefer ins Landesinnere vor. Andere wiederum haben sich den Fluten angepasst, indem sie sogenannte TAFs (Temporary Autonomous Fleets) schufen, die sowohl entlang des Deltas als auch im HHarchipel hin und her schwimmen...





**Milieux ~ CHRONIQUE DE L'ALOIRE** |  
art residency in the Elbe estuary, co-writing and reading  
performance together with Claire Mélot, Julien Fleurance &  
Alec' Boivin. Art installation & readings, October 29 and 30 at  
the international science-fiction festival *Utopiales* in *Château  
des Ducs de Bretagne*, Nantes.

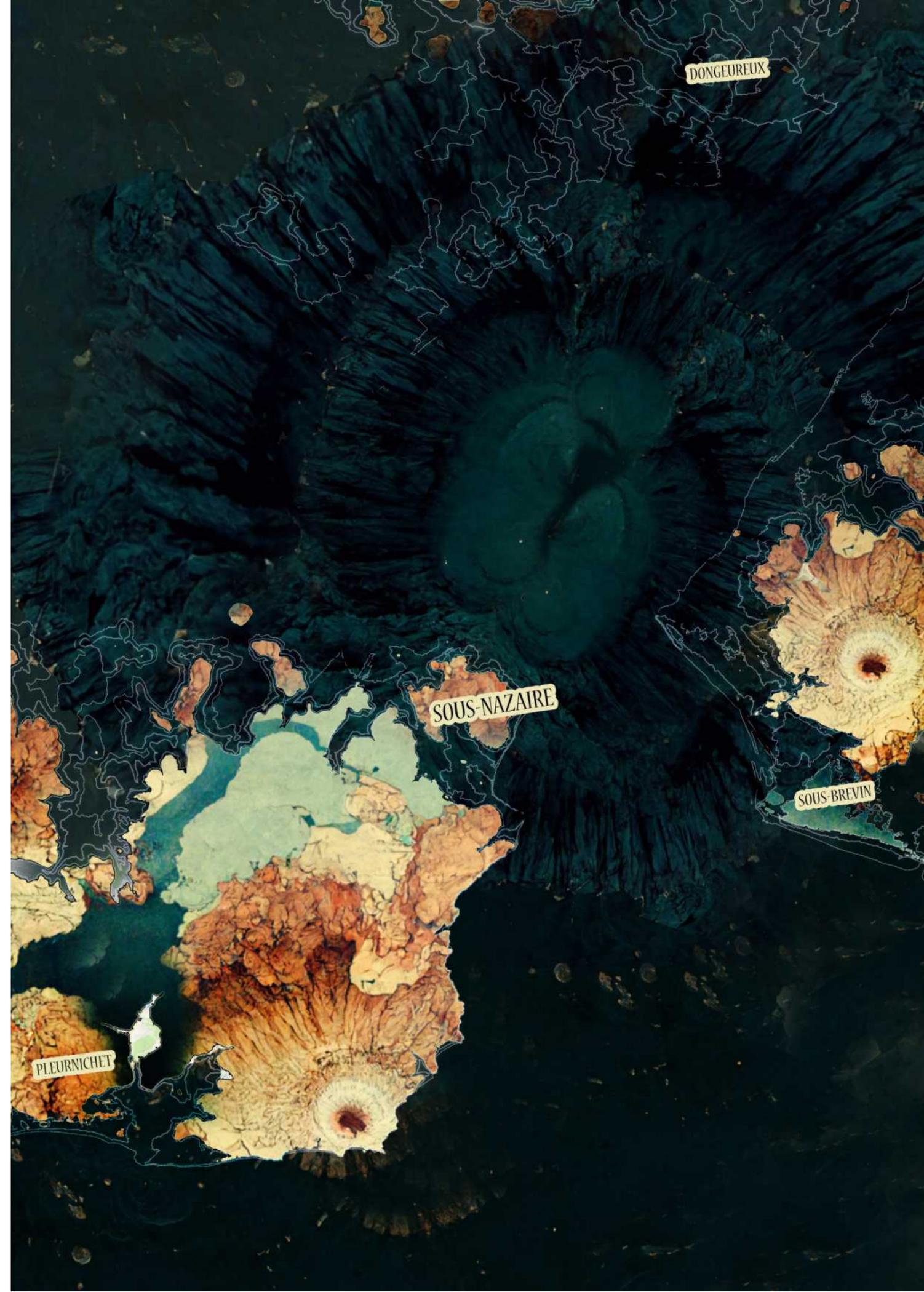


**WATER CHRONICLES**

The *Water Chronicles* present a method of exploration that combines writing and critical cartography, fiction and reality of water milieus. To be inspired by water as an environment and biotope in flooded harbors surrounded by industries means to look differently at water surfaces we believe to know and to make ourselves strangers in the land milieu of the Loire, which we likewise believe to know. If the water rises [+5.4m in 2150, IPCC report] what will Europe's rivers look like? What is life like in a landscape and a biotope of water and land: a Waterland?

**EXTRAKT**

... En EAUrope, la submersion des terres a particulièrement touché l'embouchure des fleuves de la Côtatlantique et a provoqué une complète reconfiguration de ces miliEAUX. Le delta de l'Aloire est à ce titre exemplaire. Des îles du littoral, tous les marais-salan et de grandes zones marécageuses à fleur d'eau connurent des raz-de-marrée successifs et une progressive montée du niveau moyen de l'océan. Les zEAUnes se reconfigurèrent intégralement : le port en eau profonde de Sous-Nazaire fut presque intégralement submergé alors que Nantile, calfeutrée derrière ses Grandécluses, se refaisaient un nom dans le commerce e-colonial. Ce-lleux des habitant-es qui ne purent trouver refuge dans la Smart-citîle s'adaptèrent aux terraquées, créant havres d'accueil et zones de marée-chage ou rejoignant la communauté pirate du pont Chaviré...



# Libertalia\*

**Alle(s) Wasser** | water filter workshop, together with studio flex.

Children's workshop for the *Kinderkultur* summer program, 24-28 July and workshop open to young and adults within the festival *Éco-Werft-Académie*, 22-24 September 2023, at the *Honigfabrik* in Hamburg-Wilhelmsburg.

## WATER EXPERIMENTS

*Alle(s) Wasser* Alle(s) Wasser invites participants to explore water cycles in a playful way. We experiment in hands-on formats, build "low-tech water filters" together and dye plant-based cotton fabrics. People of all ages come together for workshops and the *Bunte Tafel* discursive dinner.

## WATER AWARENESS

In summer 2023, the workshop was open to children living in Wilhelmsburg: together, we set up experimentation stations (construction of two mobile stations), studied water quality (pH test, discussion on saving water, etc.) and built different types of water filters. We also discussed water pollution and experimented with natural fabric dyeing.

In autumn 2023, the project became part of the festival *Éco-Werft-Académie*, which promotes scientific and artistic research into boatbuilding and sustainable navigation. The workshop was then open to young and older alike: we continued experimenting with water filters and natural dyeing. The foodstuffs used for natural dyeing were prepared and cooked, and garnished the closing dinner, *Bunte Tafel*, together with carafes of filtered water on the dyed fabric tablecloths.

The concrete applications of this workshop, namely the manufacture of an efficient water filter for water recycling on board *Barkasse\** and the natural dyeing of fabrics for her interior fittings, raised awareness of the many water-related ecological issues and promoted the renovation of the boat *Barkasse\** as a real laboratory for ecological experimentation.



# Libertalia\*

**Éco-Werft-Akadémie** | knowledge transfer festival on sustainable shipbuilding and eco-friendly navigation together with *Libertalia\** e.V.

Cultural program with art exhibition, workshops, lectures, discussions and concert open to all.

22-24 September 2023 at the *Honigfabrik* in Hamburg.

This festival consisted of an art exhibition on the theme of water, five workshops related to the renovation of the ship *Barkasse\**, a series of three lectures on environmentally friendly mobility on the water, a concert and a convivial, colorful dinner.

## INTERDISCIPLINARITY

Under the motto "Shipbuilding, navigation and water" and at the interface of art, science and technology, this three-day cultural event invited experts from various disciplines to present or perform their work to a wide audience.

## KNOWLEDGE TRANSFER

The diverse formats and content offered various opportunities for exchange, learning and learning development. As the festival was aimed at all target groups - young and older, specialists and novices - and presented participatory practices that contributed to a concrete and long-term collaborative project - the transformation of the *Barkasse\** into a prototype for eco-friendly river mobility - it was the first successful intercultural and interdisciplinary exchange project of the *Libertalia\** association.

## PRACTICAL COMMITMENT

Participants and visitors were welcome to come on board the ship *Barkasse\**, docked at the *Honigfabrik*. Scientific studies, constructive experiments, ethical and societal questions converged in a very tangible way: the concrete applications of this festival highlighted this ship's renovation project as a real laboratory for ecological experimentation.





**BARKASSE** | transformation of a harbour boat into an environmentally friendly floating infrastructure-sculpture, to explore Europe's water milieus and host interdisciplinary residencies.

Current status: Eco-friendly renovation together with the collective *mit* (2014-2021) and *Libertalia*\* e.V. (since 2021).

#### TECHNICAL DATA

Hull: steel

Length: 14.66m / Beam: 4.14m

Current port: Hamburg

Mobility potential: European coasts and inland waterway network from the Canal du Midi to the Volga, passing through the North Sea and the Black Sea.

#### STEEL BOAT

*Barkasse*\* is a German army workboat built in the 1960s in Hamburg.

The years and a fire have left only the steel plate (about 6 mm thick) and the structure (ribs every 20 cm).

All that's left is the steel, the robust hull that is said to have cleared the way for frozen barges on the German and Dutch canals.

I'm sculpting this steel hull as a structure-infrastructure, a space where technical and intangible heritage and frugal innovations are woven together, from which we will explore the water worlds and invent new relationships with the living environment.

#### CROSS-DISCIPLINARY APPROACH

*Barkasse*\* is an ambassador for eco-responsible practices relating to water. Since 2014, it has served as a platform for interdisciplinary teams to explore the aquatic environment in greater depth: collaborative research, participative workcamps, artistic processes, intercultural projects, etc.

