

PROJECT KAMP



BUILDING OUR OFFLINE COMMUNITY

INTRO

Who are we?

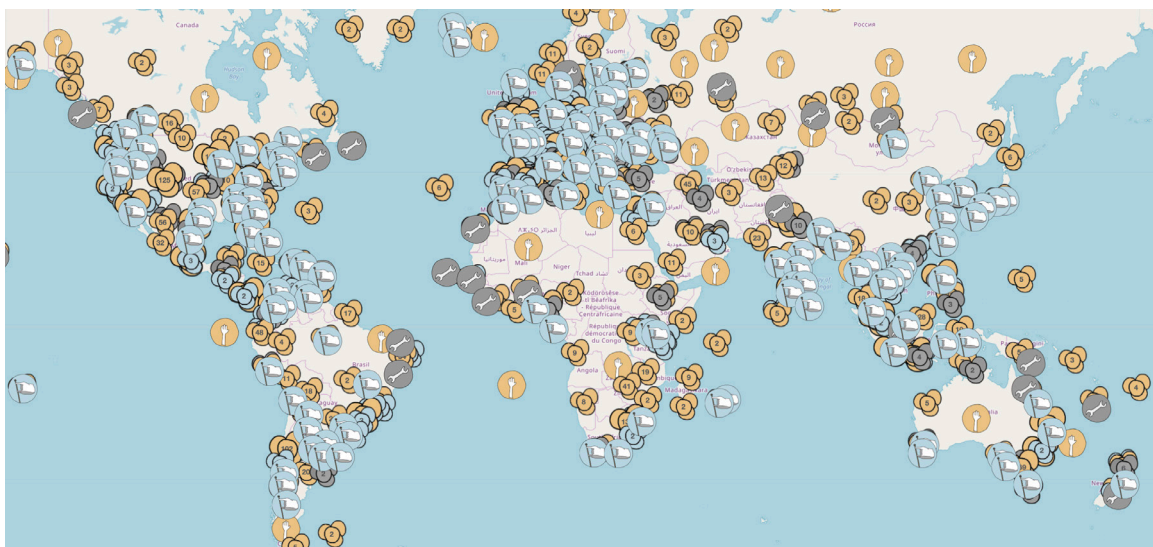
We are a group of international people (designers, engineers, researchers, developers, architects, environmentalists, permaculturists etc.), working on **sustainable solutions to global problems**. While focussing on ways to tackle global pollution issues like plastic waste, electronic waste, food waste and fashion pollution, we have been researching and striving to find ways for a living in the modern world with as little negative impact as possible.

Our current project: Precious Plastic

For the past six years, we've been working on solutions to plastic pollution. With our project Precious Plastic (www.preciousplastic.com), we're developing **small scale technologies for plastic recycling**. All our knowledge, tools and techniques are shared online, for free. This enables and engages people all over the world to start cleaning their environment and make use of this wasted material all around them.

Throughout the years we gathered a **global community of more than 70,000 people** on our online platforms, who are exchanging, improving solutions and helping each other to solve local and global questions, together.

Hundreds of people around the world are using Precious Plastic to fight the plastic pollution. On our map (map.preciousplastic.com) they can connect locally to learn from each other or start a new project. There are more than 500 workspaces which work with the Precious Plastic machines.





Our current workspace

Right now, we are based in Eindhoven, the Netherlands. Here the council of Eindhoven offered us a big warehouse with 2500m² in the center of the city, to work on our projects.

So we moved our workspace here in September 2018 to develop Version 4 of Precious Plastic. An amazing team of over 70 people from all over the world joined us, and came here to voluntarily contribute with their skills and energy.

We are in this workspace every day of the week, working hard, to improve the machines, find out new techniques and create online tools to really empower people to make a change!

Our goals

While aiming to boost plastic recycling, we are constantly trying to reduce the negative footprint we have on our environment. From the food we eat, to the energy we consume, the transport we use, the materials we get and the waste we produce: we do our best to do it in the best possible way to improve the impact we have.

It's challenging. It's time and energy consuming to research, learn and adapt. But we know that it's necessary in order to move towards a better future, for us and for the next generations. This is our goal.

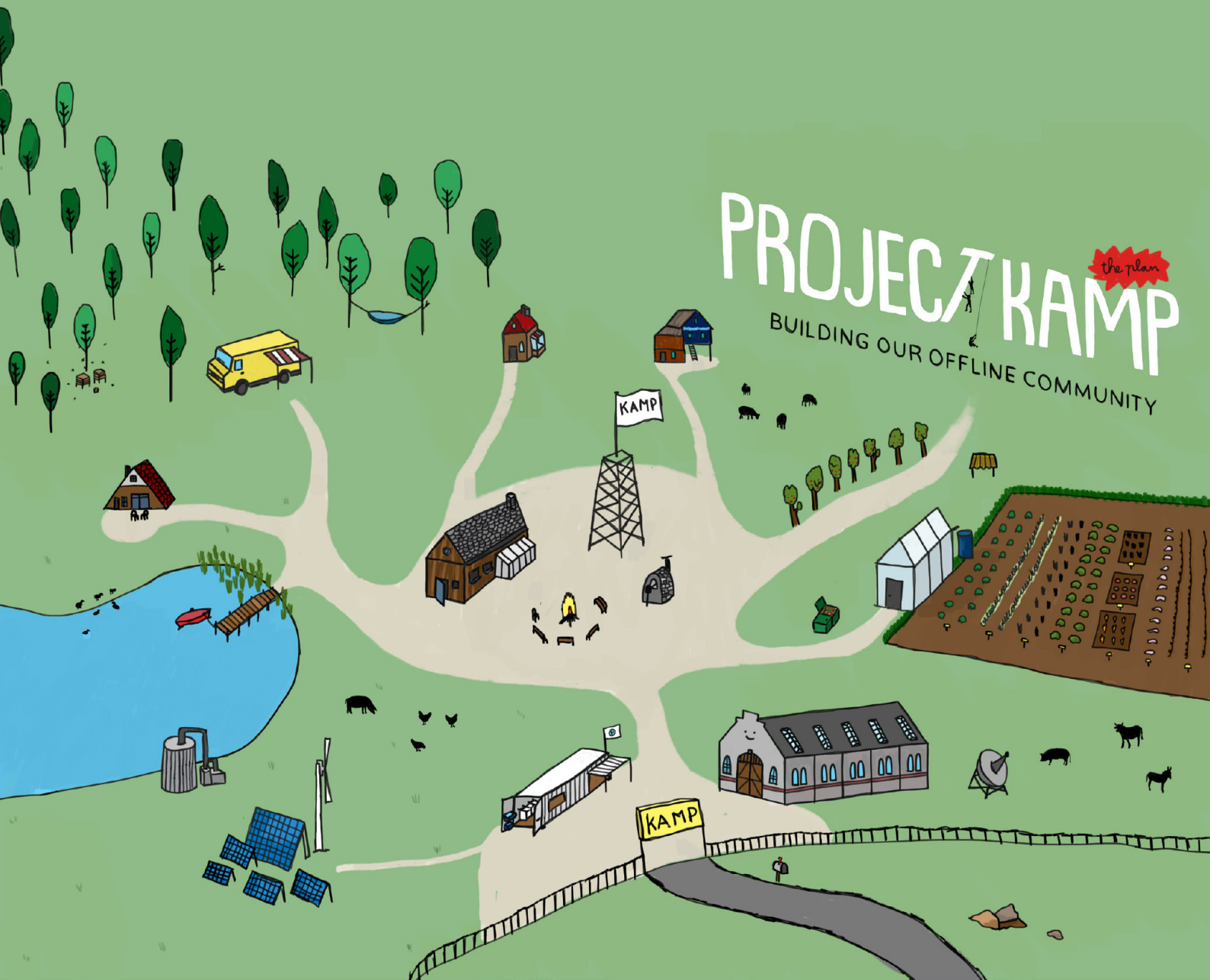
And this is why we will start this new project in Portugal: Project Kamp.

PROJECT KAMP

What is Project Kamp?

Project Kamp will be the **basecamp** of our team to develop and prototype for a better future. We want to start from (nearly) zero and explore ways to build up a system with sustainable infrastructure, energy, housing, farming and living with the available resources.

It is our biggest **real-life research project**. We want to find out how mankind can live more sustainable, less wasteful and destructive, and in a healthy relationship with nature.



What we will do in Portugal

For this new start, we are looking for a nice piece of land. We fell in love with Portugal and feel like it's the right place to build up the home for this project. It will be a place where we live, vitalise the land and grow food, and have our office and workspace for research, development and prototyping.

How we work: Learn, Share, Improve

GLOBAL. In all our projects, we are documenting and **sharing everything** - open-source, online, and for free - to enable people all over the world to:
(a) **learn** from our experiences and implement projects in their area
(b) **develop** the solutions further from their side of the globe.

Throughout six years of working open-source, we already gathered a (still growing) community of over **70,000 people from around the world** who connect online on our platforms and work together to further improve existing solutions.

LOCAL. Project Kamp will be the center of all this development, the place where we test/prototype and showcase our latest solutions. We will have a lot of interesting projects to work on and expect numerous **international guests** from various backgrounds and professions to come to the area and work with us on these projects. At the same time, we want to share our skills and knowledge and will be **inviting** people (young and old) from the area to **explore** our way of living & working and to **learn** about all the projects and solutions.

How we pay bills

Project Kamp is a project from our foundation called 'One Army'. With One Army we build, empower and connect a global community to solve the world's greatest challenges. We generate income from **donations, monthly supporters** and income from our **projects** (like the *bazar*, bazar.preciousplastic.com).

Besides the development of our own projects we do **collaborations** with various organisations to help implementing solutions, give consultancy or develop projects. We also give a lot of **presentations & workshops** in schools, universities, companies, festivals and other events. The main objective is always that all our work is related to tackling global problems.

On top of that, we sometimes also win **awards** for our projects (last one: *Famae Award 2018*, 300.000 €), which provide an additional support to push our development further.

This income will, first of all, cover our infrastructure and daily needs like water, electricity, food, housing internet, insurances etc. The rest will then be fully used for the development, materials and prototypes of our projects.

PROJECT OVERVIEW

We have a clear vision of where we want go with our project. Aspects like the size of the space and number of people can change and we will figure out how exactly we implement things in the process of doing it.
We hope this overview gives you an idea of our values, how we work and what we want to achieve.

Property

Budget

± 60,000

Size

min. 5 ha - preferably 8-10 ha property size
of which **min. 3 ha usable/flat** land (for buildings and farming)

Location/Accessibility

Area: Central/North Portugal (Porto, Viseu, Aveiro, Coimbra, Leiria, Santarém, Lisbon, Braga, Vila Real, Bragança)

max. 2h from a bigger city/airport (preferably), good **access by road**

Orientation: SE/E/SW

Infrastructure

max. 1 km to connect to **electricity**

min. 100 m² existing buildings/ruins (in total)

> building **permit for min. 250 m²** (workspace 150m² + living 100m²)

access to **water** (preferably), so with river/lake (...)

preferably with **trees**

Use

Allowance for **agricultural use** (small scale) > plant trees, fruits and vegetables

Allowance to **work the land** > dig holes for water, dig a lake, build wells

Allowance to **live** there > buildings /possibility to get a building permit

Allowance to **host visitors** > for residencies, educational purposes and events

Housing and facilities

We live together on our land, like a family. All houses and shared facilities will be built as prototypes for alternative ways of building, with recycled and/or biodegradable materials, locally sourced. That includes facilities like the kitchen where we cook with our own **biogas and solar** cookers and bathrooms with **water saving** showers and **compost/dry toilets**.

We will start very small, with a few people, but in the future the property should ideally provide the space and basic needs for 10 people (+) living there permanently. During the summer periods we will host guests who are going to help us out to develop our projects.

Living spaces

5 private ones for at least 10 permanent people

1 shared one for at least 30 visitors

Workspace

The workspace is the heart of our community. In this space our projects are being developed. It is equipped with **metal and wood fabrication** machines/tools for sawing, drilling, milling, lathing, grinding, welding etc. We will also prototype **other machines and techniques** to find solutions to work with wasted plastic, organic and textile materials, to save water and harvest natural energies and more. The workspace will run on the grid in the beginning years, though we are aiming to ultimately work fully on our own renewable energies.

Preferably the piece of land has existing buildings which we can turn into our workspace - otherwise we will build it ourselves.

Requirements

150 m² building (in total, can be split up into 2-3 buildings), with a solid straight foundation to carry the machines

16 AMP Power supply

Starting equipment

Metal and wood fabrication machines

Technology Lab

All facilities will be used for **Research & Development and Education**

Our focus is not on production and profit, but on gaining and sharing knowledge. :)

Resources

With the goal to be able to provide our own energy, water and food supply, we want to build up everything as sustainable as possible, making best use of the existing resources and materials, and all in a way which is not harmful but optimally even beneficent for the environment around us.

Water will be harvested from rain and stored in lakes or through other water reserving solutions.

Future goal: 100% self sufficient in water supply and storage (all year)

Electricity will be generated from the sun and wind, using conventional equipment like solar panels and wind turbines. Besides these existing tools we will also prototype a lot of other alternatives.

The main challenge here is energy storage. We will probably start off with lithium batteries, but we'll be working towards kinetic stored energy systems.

Future goal: 100% self sufficient in energy supply and storage (all year)

Food is served as sustainable as we can (which probably means locally, organic and seasonally). We will be farming our own fruits, vegetables and herbs, and collaborate with local farmers.

Future goal: 100% regionally self sufficient, with 100% utilization of all organic 'waste'

Zero waste - we don't like waste. Because everything can be a valuable resource, if you know how to make use of it. First of all, we will avoid all unnecessary packaging and products which create a lot of unneeded material. For the unavoidable material leftovers, we will set up sorting systems and fully utilize every material as much as possible - from making compost to recycling plastic/glass/aluminium and more.

Future goal: 100% utilization of all materials, zero waste

Benefits for the area

Project Kamp will definitely bring benefits for the surrounding area.

Land

We will regenerate and vitalise the land with water reserves and permaculture. As we've seen in other examples (*Tamera*, Community in South Portugal), this can improve the soil quality of a much bigger area.

Tourism

With our projects we will attract a lot of international visitors to stay in the area to learn and help working on solutions.

Education & Training

We will share all our knowledge and solutions with everyone, globally and locally. So people can get inspired and gain new skills to sustain themselves.

Community & Network

We are always seeking for exchange and collaboration. Connecting people and communities to work together will strengthen the network and push the implementation of sustainable solutions.

website
www.projectkamp.com

mail
hello@projectkamp.com