

LOW-TECH SOLUTIONS DEVELOPED AROUND THE WORLD AND PROMOTED BY THE LOW-TECH LAB FROM FRANCE

[The Low-tech Lab website presents 43 tutorials of Low-tech technologies](#), one of the products of their work to source, document, experiment, disseminate and transmit Low-tech systems that provide solutions to today problems with a focus on the future.

Each tutorial contains information on the authors from different countries, the main features of the Low-tech solution and the steps for its production or construction. Each sheet, which indicates the languages available for its consultation, allows to access various links to deepen aspects of the technology presented.



[Since 2014 the Low-tech Lab, based in France](#), has developed projects and actions to raise awareness about Low-tech solutions, taking into account technical aspects, measuring their potential for the environment and local economies and sharing its philosophy through events and a collaborative documentation platform.

For the Laboratory, Low-tech includes objects, systems, techniques, services, know-hows, practices, behaviors and even ways of thinking that use technique and technology [according to three principles: usefull, accessible and sustainable](#).



The Laboratory carries out a set of activities aimed at exploring to find low-tech solutions in France and all over the world. One of these initiatives is the [Nomade des Mers expedition](#): going around the world discovering Low-tech innovations. Leaving France in February 2016, the Catamaran-Low Tech Lab *Nomade des Mers* made stops in the ports of 27 countries. In every country they meet researchers and inventors who are dealing with relevant local problems using low tech solutions that are defined by the project as *simple and ingenious systems capable of responding to basic needs*.



The catamaran was designed as a Low-Tech Laboratory, equipped with solar panels, wind turbines, a power generator working with solar, wind and hydraulic energy and able to produce 12.000 KWh per day. In addition, the boat is furnished with other Low-tech systems such as a hydroponic greenhouse, a water desalination, a multifunctional pedal system, a low-consumption wood stove, a solar dryer.



This Laboratory is used during the stops in the different countries to share and test with local inventors the innovative solutions of common interest. At every stopover, the *Nomade des Mers* crew sets off to find exemplary Low-tech initiatives concerning technical, economic, social or environmental aspects. On board the catamaran, the team tests with the inventors the new low-techs to identify their potential or the aspects that need to be improved.



This expedition, which has been going on for five years, allows the Low Tech-Lab team to learn about low-tech solutions underway in the countries visited, to work with inventors and organizations supporting them, in view of building a network of collaborations able to support the Low-tech philosophy and its potential impact.

The [Atlas presented in the website offers an overview of the Low-tech solutions and initiatives from around the world](#) already identified by the Low-tech Lab team. The Atlas documents 647 initiatives, in 12 fields of application (energy, water, nutrition, etc.) realized in 81 countries on every continent. This Atlas is made to evolve, and the team invites everyone interested to contribute to this inventory by adding new projects.

Founded by the French engineer Corentin de Chatelperron, the Low-Tech Lab is made up of members who embody the different approaches and visions of Low-tech. This professional team will continue to search and promote solutions responding to issues of general interest, respecting and valuing the nature and the own resources of each territory. The website [invites interested actors and organizations to establish collaboration with the Low-tech Lab](#) and take part in the Low-tech movement.

To know more

[Tutorials of Low-tech solutions](#)

[Low-tech Lab website](#)

[About Low-tech](#)

[Agenda Low-tech Lab](#)

[To establish collaboration](#)

[Low-tech Lab en Facebook](#)

[Low-tech Lab's Wiki platform](#)

[Nomades des mers](#)

[Gold of Bengal association](#)

[Low-tech Lab Blog](#)

