



BOOMLAND
SCHOOL

NATURAL BUILDING HEMP & ECOBLOCKS

LEARN NEW SUSTAINABLE DESIGN PROCESSES
TO PRESERVE OUR ECOSYSTEM

We are pleased to introduce the second edition of **Natural Building Course**, with a new and progressive construction technique. Step into the world of sustainable architecture and eco-conscious **hemp blocks with Atelier Cru and Cãnhamor**. This immersive experience will guide you through an extraordinary natural material celebrated for its durability, sustainability and thermal performance.



NATURAL BUILDING WITH HEMP & ECOBLOCKS

GENERAL PROGRAM

- Introduction to natural fibers.
- Principles of architecture with ecological materials.
- Practice of different construction techniques with Hemp (use of prefabricated blocks and production of in-situ mixtures).
- Exploration of the earth's water limits and fibers.
- Application of laying and finishing mortars.
- Advantages and disadvantages of each technique.

Format: 80% Practical, 20% theory

DAILY SCHEDULE				
TIME	DAY 1	DAY 2	DAY 3	DAY 4
	Introduction to hemp	Prefabricated blocks	In-situ production	Finishes
09:00	Opening and presentations	Group Dynamics	Group Dynamics	Group Dynamics
09:30	Sensory Journey	Theory and practice: a) Laying principles of masonry blocks b) Connections d) Details	Theory and practice: a) Formwork b) Filling structure	Theory and practice: Basic principles for applying coatings a) hemp b) lime c) earth
10:00	Practical, dynamic introduction to fibers.			
11:15	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30	Theory and practice: <i>"Hemp in architecture"</i>	Division into groups: <ul style="list-style-type: none"> • Construction • Block production 	Division into groups: <ul style="list-style-type: none"> • Compacted • Filling 	Division into groups by types of finishes
13:00	Lunch	Lunch	Lunch	Lunch
14:00	Practice: <i>"Hydric States of the Earth"</i> Test Carazas with fibers	Division into groups: <ul style="list-style-type: none"> • Construction • Block production 	Division into groups: <ul style="list-style-type: none"> • Compacted • Filling 	Division into groups by types of finishes
16:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:15	Theory and practice: <i>"Introduction to different techniques"</i> Construction site survey	Division into groups: <ul style="list-style-type: none"> • Construction • Block production 	Division into groups: <ul style="list-style-type: none"> • Compacted • Filling 	Final touches and cleaning
18:00	End of Day	End of Day	End of Day	Feedback and conclusion round

* Program might be adjusted depending on weather conditions



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RELEVANT INFORMATION

When: 24 to 28 September 2025

Where: Boomland, Idanha-a-Nova, Portugal

What You'll Learn

- The fundamentals of natural building techniques.
- The unique properties of hemp and how to use it in construction.
- Practical skills in eco-building, from foundation to finishing.
- Learn how to use the award winning hemp material – EcoBlock.
- Insights into sustainable design for future-ready homes.

Who Is It For?

Whether you're an aspiring eco-builder, passionate about the environment, a permaculture enthusiast, or simply curious about sustainable living, this course is perfect for anyone eager to learn hands-on techniques that merge creativity, nature, and innovation.

Why Join?

By participating, you'll gain skills that can help you build a greener future, and also contribute to Boomland's mission of fostering sustainability and regenerative practices.

Practical Info

- **Meals:** Delicious, plant-based and omnivorous meals provided during the course.
- **Accommodation:** Dorm. Hotels around the area (contacts can be provided).
- **What to Bring:** Comfortable work clothes, a reusable water bottle, safety toe shoes/boots, flip flops that can be easily soiled and washed, work gloves, comfortable clothes that can get dirty, moisturising cream (working with the earth for a long time dries out the skin).

Spaces are limited, so secure your spot now.

If you have any questions please feel free to contact us at school@boomland.eu

Come Learn & Play

Boomland School

