

Vanilla hangar in pallets

by Jean-Claude ESCRIVA / 2019-05-13 12:51:43 / France / 4849 / FR



Year of commitment : 2017

Green energies : Other

Circular economy and waste management : Eco-Design, Industrial Ecology, Reuse, Preservation of natural heritage, Optimization of resources, Bio-based materials, Save of resources

Biodiversity & Ecosystems : / Carbon capture /



50 000 €

Builder

SOFRINNOV

Manager / Dealer

TOUTON

GENERAL INFORMATION

Touton specializes in the trading of spices, cocoa and vanilla in France. As such, it has a very large pallet logistics stock that shuttles between the different producing countries and the Bordeaux site. In order to isolate the Vanilla business from the rest of her goods, she consulted companies to build a dedicated storage building.

Exemplary of what can be done in the field of ecology and recycling, this storage shed of 330m² and about 24 tons of wood, is composed of nearly 800 recycled pallets, 1000m² of OSB slabs. It was realized in 12 days by only 2 people without specific tools. This building implements the new SYLCAT constructive method.

Progress Status

Delivered

Data Reliability

Self-declared

Funding Type

Private

Website Enterprise / Infrastructure

<http://www.sofrinnov.fr>

Sustainable Development

Attractiveness :

Touton wanted to show its commitment to ecology by having a carbon sensor building that would demonstrate re-use of materials. The consultation valued the ecological offers.

Well Being :

The duration of the project should be very short so as not to penalize the work. The means used for the realization should be the least intrusive possible. The sound gene of the site should not disturb the activity.

Social Cohesion :

The project was a focus of the company during the implementation phase.

Employees and executives of the company came every day to see and measure the progress of the site.

Preservation / Environmental Improvement :

Reusing pallets was a good way to show the company's commitment to respect and preserve the environment. The use of OSB slabs on the exterior cladding completed this desire.

Resilience :

The structure is modular and has the ability to be repaired in case of damage. A sign has been replaced following an accident with a forklift.

Responsible use of resources :

The resources of the structure come from the company's own recycling.

Testimony / Feedback

Mrs Cloé DELAIR - TOUTON Company - responsible for Vanilla products.

We wanted above all to put forward an ecological solution that would show the commitment of society in sustainable development. Realizing the import / export of spices and vanilla we are led to have a large pallet logistics stock. To be able to revalorise them for our own needs was a plus ... The commitment of a fast realization - in less than a month - with a minimum of inconvenience for the personnel in place that it is at the noise level or the logistic level - Dry site - and without disrupting the service were key factors in the choice of SOFRINNOV.



Governance

TOUTON

Holder Type : Private Company

SOFRINNOV

Builder Type : Other

TOUTON

Manager / Dealer Type : Private

Business consultation via a closed call for tenders.

Expression of need via a presentation to companies expectations.

Competition of traditional construction solutions, canvas construction, wood construction.

Selection criteria :

- cost
- timeliness
- ecological character
- reuse & carbon sensor
- aesthetics of the building

The project manager Touton driving 2 lots of supplies:

- Big work
- electricity

Purchase of services, schedule management, daily progress meeting and business coordination.

Provision of premises and storage of materials.

Realization of a building in pallets to isolate the storage of vanilla at the company's headquarters.

Business Model :

Supply to the provider of pallets for the construction of the building and the floor.

Sustainable Solutions

SYLCAT

Description :

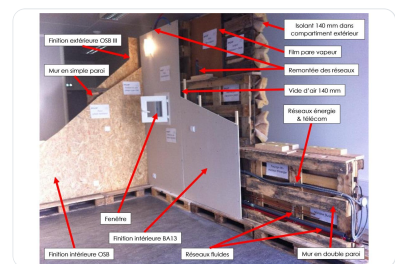
The SYLCAT solution is a device patented by the SOFRINNOV company that allows the use of pallets to make wooden wall frames. It is implemented as a game of lego simply stacking the pallets on each other by means of an assembly part itself made of wood. The manufacture of SYLCAT parts is entrusted to adapted workshops or to prisoners at the end of their sentence wishing to retrain in carpentry carpentry. The goal is to allow everyone to build without significant resources or tools.

- Circular economy
- Infrastructure
- Waste management
- Environmental charter
- Urban Lighting
- Low-carbon materials/ infrastructure

Company (es) Website :

Company (es) Website :

Company (es) Website :



Contest

Reasons for participating in the competition(s)

Réalisation de plus de 300m² en 12 jours par une équipe de 2 personnes. Prix de 150 € H.T. au m²

Longueur 30m, largeur 10,8m, hauteur 3,7m

Réemploi de plus de 800 palettes EPAL. Mise en oeuvre de près de 670 dalles OSB 3 en 15mm

Pas d'outillage spécifique pour la réalisation.

Charpente via 7 de poutres Swelite sur 8,60m de portée et 200 chevrons. Puits de lumières pour éclairage du bâtiment.

Building candidate in the category

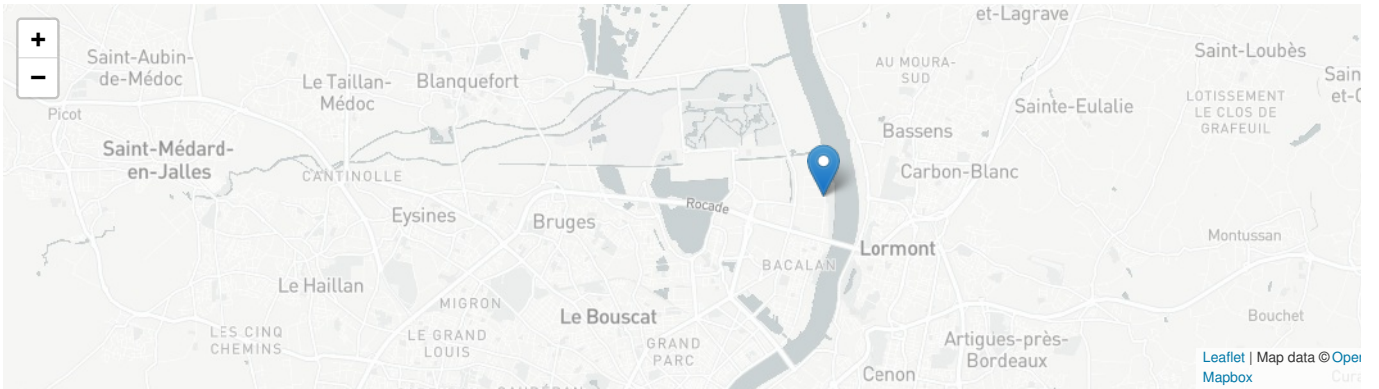


Grand Prix Infrastructure Durable





Prix du public



Date Export : 20230310080646