

PROJECT TYPE __

Construction of a new production and training facility

PURPOSE OF USE __

Learning how to process bamboo for use as a building material and for the manufacture of products of all kinds.

LOCATION __

Napsan, province Palawan, Philippines
development area BYANYAS

START OF CONSTRUCTION __

Q2 2021

PROJECTMANAGEMENT ON SITE __

Hendrik Alsmann M.Sc. | HOFF und Partner

BYANYAS | PHILIPPINEN

FOUNDATION

For decades, the name HOFF has stood for the diverse charity commitments of both the family and the company.

For the first time since the foundation was established, a construction project abroad is being supported.

The BYANYAS project involves all three purposes of the foundation - supporting projects in the social sector, cultural matters and the promotion of education.

BYANYAS.de | hoff-stiftung.de

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THE PROJECT

The BYANYAS project is a social engagement for the Napsan region on the island of Palawan in the Philippines. The aim is to enable a sustainable coexistence of humans and nature. With special regard to the indigenous population (tribe of the Tagbanua), this is to be achieved through education, creation of jobs and training positions, access to education and various community projects. The focus is on the protection and preservation of local resources and biodiversity as well as the respectful interaction with the local culture.

The establishment of the production and training facility as a sub-project creates economic independence in a rapidly modernizing world. It also enables the Tagbanua to deal with their environment in a sustainable way.

THE DESIGN

The building is a partially 3-storey building made of bamboo in a skeleton structure, which blends particularly well into the environment due to its organic shape. The production hall, a warehouse, sanitary facilities and a reception area are located on the ground floor. An office, the training center and a break room are planned in the upper floors.

In cooperation with Prof. Reichardt from the Münster University of Applied Sciences, students worked on several designs. In addition, the knowledge in the field of tropical construction as well as bamboo and clay construction was enormously expanded. The winning design was developed by Marina Hülsmann and Jasmina Abendroth who are now looking forward to its realisation, under the direction of Hendrik.

The opening of the facility is scheduled for second quarter of 2022. The aim is to create a sustainable cycle in which the facility is self-sufficient. Bamboo from own harvest is processed and sold as a finished product. Waste products such as offcuts etc. will be processed into charcoal, which can also be sold. Initially furniture, decorative items and souvenirs as "Palaweño Art" will be produced.

In the long term, the home-grown bamboo will be produced as building material for the local market, as an alternative to conventional wood-based materials. Prospectively the facility offers locals a secure job which enables them to feed their families well.

THE INITIATOR

Hendrik Alsmann - a qualified carpenter - began his civil engineering studies at the Münster University of Applied Sciences in autumn 2014. A study-accompanying internship let him to HOFF in 2017 and he has been part of the HOFF team since then.

The BYANYAS development and nature conservation project was launched by Joel Lobsiger in 2017. Joel and Hendrik met in the Philippines in 2013, where Hendrik was living at the time. Since then they have stayed in touch and have been exchanging ideas. In Q2 of 2021 Hendrik will fly again to the Philippines to initiate the first phase of construction (e.g. bamboo harvesting and treatment). Until then, the construction planning with all its details will continue.



THE FUTURE

