

• www.bouwmetbamboe.nl

Stimuleringsfonds
creatieve industrie
creative industries
fund NL

MILIT The
Found
ation.



Bouw met Bamboe!

Event Magazine



June 19 - 21, 2024
BlueCity, Rotterdam

**BLUE
CITY**

Symposium

Workshop

Exhibition

&
SUMMUM

atelier nomadic

walden

MAR
MARIA PIELS architect

S stimuleringsfonds creatieve industrie creative industries fund NL

Bouw met Bamboe! is set to be the first of its kind gathering in the Netherlands, focusing on bamboo in architecture and construction.

It's designed to ignite passion for bamboo as a building material in the Netherlands, welcoming Dutch architects, designers, engineers, carpenters, farmers, building product manufacturers, and students.

Whether you are already working with bamboo or are simply interested in its potential, the event aims to bring like-minded individuals together on a common interdisciplinary platform.

Engage in a dialogue, exchange ideas, and contribute to the shared development of bamboo as a viable building material for Dutch architecture.



Why visit?

“Bouw met Bamboe!” (Building with Bamboo!) is a three-day event in June 19-21, 2024, at BlueCity in Rotterdam, consisting of a symposium, workshops, and an exhibition.

Despite the many environmental benefits of bamboo, it is not widely used in practice. Most Dutch designers and architects are unfamiliar with bamboo's unique properties and construction methods. To address this, world experts in bamboo cultivation, design, construction, and structural engineering will come to Rotterdam to provide lectures and workshops at “Bouw met Bamboe!”. This will educate participants and give them the confidence to work with this amazing material.

A centralized platform will initiate bamboo architecture in the Netherlands. The event is specifically intended for people interested in using it as a construction material for architecture. It includes Dutch bamboo producers, building product manufacturers, architects, designers, engineers, carpenters, as well as students who are interested in or currently working with it. Broadly the event is intended for anyone interested to design and work with the material in the context of Dutch architecture. It will bring interested individuals on a common interdisciplinary platform to talk, exchange ideas and contribute to the shared development of bamboo as a building material for architecture.

Why bamboo?

With the Netherlands currently going through an acute housing shortage and the government aiming to reduce greenhouse emissions by 2050, bamboo has the potential to be a game-changer. This fast-growing, versatile, biobased, and renewable material can very successfully help fight the current Dutch housing crisis, while also meeting sustainability goals.

Bamboo can mature within three to eight years. It grows well in poor soils and even in Europe, including the Netherlands. Bamboo absorbs up to fifty tons of CO₂ per year, more effective than most timber species. Its dryness and ease of machining is ideal for rapid and efficient prefabrication. Its cultivation is cited as one of the hundred most effective measures against climate change. It has great structural performance and is considered almost as strong as steel. It has already proven its worth in Southeast Asia and South America, where architects and designers have created aesthetically pleasing architecture with high living standards using this incredible material. These innovative constructions include bamboo roofs and bridges spanning as long as 30 meters.

“Bouw met Bamboe!” aims to delve deeper into these advantages, providing comprehensive ways of exploring bamboo's transformative potential.

Website: <https://bouwmetbamboe.nl/>





Organizers



SUMMUM

Summum Engineering

Summum Engineering is a structural design, engineering and optimization consultancy, founded in 2017 and based in Rotterdam, the Netherlands. The company is a worker-owned cooperative and social enterprise. It operates in the domains of architecture, engineering and construction as well as industrial design and art. Services are provided to project developers and owners as well as architects, designers, engineers and contractors. Specialties include the parametric modelling and structural engineering of lightweight structures, natural building materials, complex geometries and sustainable buildings.



atelier nomadic

Atelier Nomadic

Atelier Nomadic is the architectural design studio at Nomadic Resorts. The studio specializes in biophilic architecture, regenerative masterplanning and bamboo architecture and has worked on project across Europe, Asia, Africa and the Americas. The studio has been honoured with several prestigious international awards including the Architecture Master Prize, International Architecture Award, Design for Asia Award and the UNESCO Prix Versailles. The Rotterdam based studio was founded in 2014 and is led by Olav Bruin and Giulia Pastore. It is located in a former Jenever Distillery, an early 19th century monument built in Delfshaven, one of the old ports of Rotterdam.



Walden Studio

Walden is a design and development agency for sustainable architecture and urban planning. A passion for challenging architecture is the reason for our existence, but above all we believe in an integrated approach that increases our happiness and reduces our ecological footprint. Walden often works together with other companies with other specializations to realize assignments, from ecologist and economist to carpenter or artist. This multidisciplinary background ensures that we look beyond the boundaries of architecture and actually create financial, ecological and social impact. We work on a wide range of assignments from sustainable housing construction and renovations, to research projects and exhibitions.



Maria Piels

Maria is a qualified architect with international orientation, who believes that our built environment can cohabit by facilitating positive encounters, empower its users, reflect our emotions, and bring us closer to the tranquillity of nature. This is especially a reality in today's bustling city life. As an architect, she has undertaken various projects, ranging from housing and commercial buildings to spatial installations. Currently based in Amsterdam, The Netherlands, She is working for INBO Architects, primarily focusing on large scale complex housing and educational buildings. Alongside, she works as a freelancer on a range of different projects.

● 19th June, 2024 - Wednesday

09:00 – 17:00 **Workshops**

● 20th June, 2024 - Thursday

09:00 – 09:30 Welcome note

09:30 – 10:00 Coffee break

10:00 – 11:00 **Lectures: Architecture**

10:00 – 10:30 [Boris Zeisser](#) "Experiments with bamboo"

10:30 – 11:00 [Olav Bruin](#) "Building in dialogue with the natural environment"

11:00 – 11:15 Break

11:15 – 12:15 **Lectures: Architecture**

11:15 – 11:45 [Markus Roselieb](#) "Design and engineering for big bamboo structures"

11:45 – 12:15 [Sanne Eekel](#) "Bamboo design – from Uganda to Europe"

12:15 – 13:30 Lunch (BlueCity Circular Lunch Buffet)

13:30 – 13:45 **"Bamboostic" Initiative #1**

13:30 – 13:45 [Iraklis Kalamenios](#) "Bamboo events all across the globe"

13:45 – 14:45 **Lectures: Engineered bamboo**

13:45 – 14:15 [Pablo van der Lugt](#) "Booming bamboo revisited – the (re)discovery of a sustainable material with endless possibilities"

14:15 – 14:45 [Sowrabh Shetty](#) "Engineering the bio-based future"

14:45 – 15:00 Break

15:00 – 16:00 **Lectures: Engineered bamboo**

15:00 – 15:30 [Tahira Ahmed](#) "Building with bamboo using adaptive moulds"

15:30 – 16:00 [Thomas Lambooi](#) "Bamboo products in heavy lift and rail industry"

16:00 – 16:15 Break

16:15 – 16:30 **"Bamboostic" Initiative #2**

16:15 – 16:30 [Ulla Schuch](#) "Empowerment Bamboo"

16:30 – 17:30 **Lectures: Cultivation**

16:30 – 17:00 [Hans Friederich](#) "Supporting a European bamboo industry"

17:00 – 17:30 [Jan Oprins](#) "Quality bamboo plants, a key for success"

During the two-day symposium, we will be bringing together several renowned experts from diverse fields related to bamboo construction. From architectural design to engineering innovation, our speakers are at the forefront of bamboo research and application.

The lineup is still under development, and we will be adding even more exciting voices to enrich this extraordinary gathering.

Please check the website for the most recent version.

● www.bouwmetbamboe.nl

● 21st June, 2024 - Friday

09:00 – 10:00 Lectures: **Cultivation**

09:00 – 09:30 [Maike Denissen](#) "Bamboo farming in Dutch practice"

09:30 – 10:00 [Susanne Lucas](#) "Growing timber bamboo for architects, what you need to know"

10:00 – 10:15 Coffee Break

10:15 – 11:15 Lectures: **Structural Engineering**

10:15 – 10:45 [Sebastian Kaminski](#) "ISO standards and key design considerations for building resilient and durable bamboo structures"

10:45 – 11:15 [Esteban Morales](#) "12 practical tips for the analysis and structural design of 12 bamboo structures"

11:15 – 11:30 Break

11:30 – 12:30 Lectures: **Structural Engineering**

11:30 – 12:00 [Luis Felipe López](#) "Bamboo as structural material, an alternative for sustainable and affordable housing solutions"

12:00 – 12:30 [Neil Thomas](#) "Grid shells and bamboo: A perfect pair"

12:30 – 13:30 Lunch (BlueCity Circular Lunch Buffet)

13:30 – 13:45 "Bamboostic" Initiative #3

13:30 – 13:45 [Brian Wennersten](#) "Dutch Bamboo Foundation"

13:45 – 14:45 Lectures: **Construction**

13:45 – 14:15 [Martin Mortera](#) "Building a green future: Architecture and social commitment through bamboo"

14:15 – 14:45 [Jasper Niens & Rick Atienza](#) "Digital bamboo"

14:45 – 15:00 Break

15:00 – 16:00 Lectures: **Construction**

15:00 – 15:30 [Sankalpa & Manu Narendran](#) "Architecture of bamboo construction"

15:30 – 16:00 [Jörg Stamm](#) "Bamboo architecture – unboxed"

16:00 – 16:15 Break

16:15 – 16:30 Tribute to Dutch bamboo pioneers

16:15 – 16:30 [Susanne Lucas & Michel Abadie](#) "A tribute to Charley Younge and Jules Janssen"

16:30 – 17:30 End note

17:30 – 19:00 Networking with drinks @Bar Stroom



Support

Stimuleringsfonds creatieve industrie creative industries fund NL

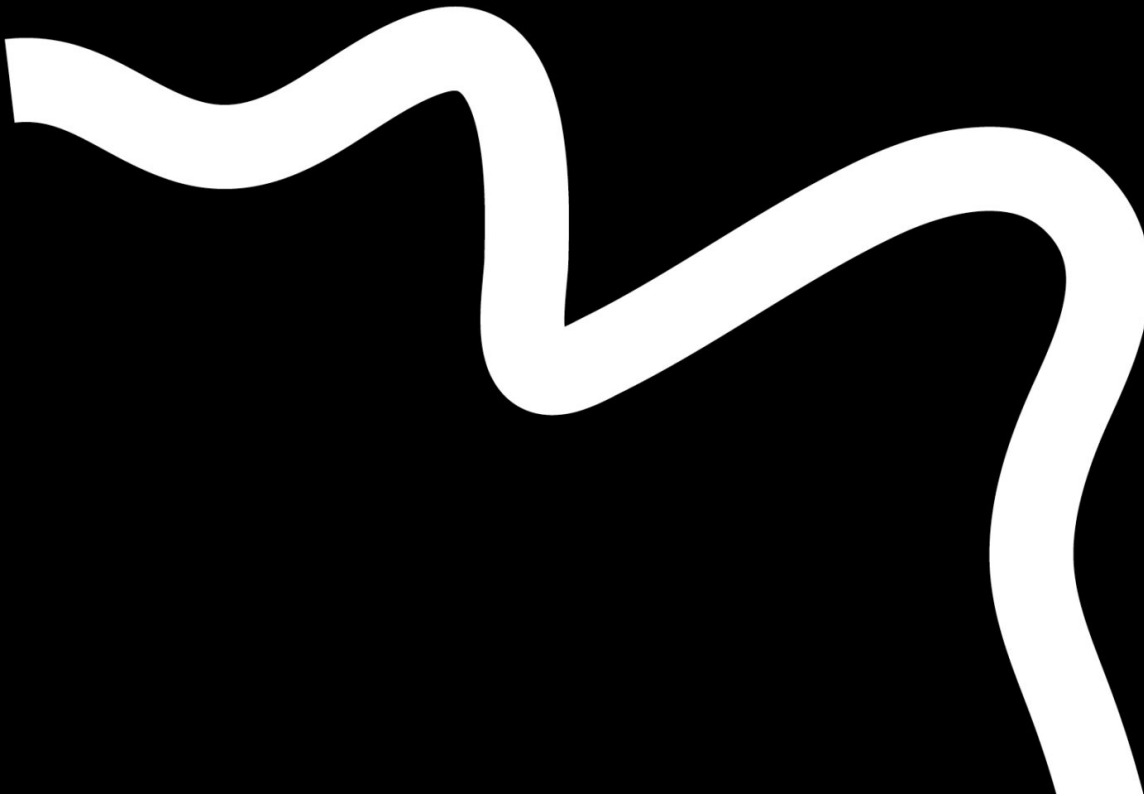
Creative Industries Fund NL

The Creative Industries Fund NL is the Dutch cultural fund for design, architecture, digital culture and every imaginable crossover. We are one of the six national cultural funds and support special and innovative projects and activities of designers, makers and cultural institutions in the creative industry.

The Fund offers professionals scope to experiment, research and make. By doing so, the Fund wants to enhance the quality of design practice, strengthen the creative sector as a whole and connect design talent to other disciplines and sectors.

Every year, we invest around 20 million euros in hundreds of projects and activities that have a basis in the Netherlands and the Caribbean part of the Kingdom. We do this on behalf of the Ministry of Education, Culture and Science, and additionally on behalf of the Ministries of Foreign Affairs when it comes to internationalisation, and the Interior and Kingdom Relations when it comes to spatial planning.

Website: <https://www.stimuleringsfonds.nl/>



connecting

We encourage interaction between the cultural, social and economic domains. We do this by challenging designers to help think about how to tackle social issues and by connecting them to policymakers, scientists and other experts. This is because we believe that the power of design can do a lot for the difficult tasks the world is facing.

diversity and inclusivity

It is our job to build, from a cultural perspective, on the rich design tradition that characterizes the Netherlands. Diversity and inclusion play an important part in this. That is why we expressly offer scope to new sides of the creative industry, new stories and new values. We also attach great importance to the application of the Fair Practice Code, the Governance Code for Culture and the Diversity and Inclusion Code.

pioneering

Our ambition is to play a progressive role in the dynamic field of the creative industry. With our range of subsidies, we respond to developments we identify. In this way, we continue to create scope for the emergence of new ideas and build on a chain of talent development and a strong cultural infrastructure.

inspiration, knowledge and results

The grants we provide often lead to meaningful results. We think it is important to share these. We do this in the following way: on this website, selected projects show the impact of subsidy and design. Overarching information and results from programmes are collected in publications and dossiers. We highlight activities and presentations around supported projects via Instagram, LinkedIn and Facebook.



Support

Develop your own projects

The design sector includes a great range of practices and disciplines. To support makers in the best way with their artistic and substantive development, the Creative Industries Fund NL offers various grants: 'for makers of the future and for makers' futures'.

The Fund aspires to play a pioneering role in the creative industry. That's why we expressly offer scope to innovate, experiment and research. Connecting design to current themes and collaborative parties in other sectors, leads to distinctive ideas. Through various grant schemes and open calls, makers are given the scope to come to a deeper understanding, new mindsets and, of course, new work. Overall, we facilitate the increasing enrichment of the areas of expertise.

three basic grant schemes

Aimed at the fields of design, architecture and digital culture, the Fund has three basic grant schemes under which makers can apply for grants for projects. The diversity of subsidized projects is significant and they range from artistic research or research by design and product development to projects that lead to reflection and debate or various audience activities. The theme, issue, setup, method and expertise involved are determined by the makers themselves.

open calls

To offer the possibility of one-off grants aimed at current themes or events, makers can turn to open calls, such as the Open Call Research, Act & Reflect, which the Fund started for projects looking at decolonization, emancipation, gender diversity and comparable topics. Through open calls, we also offer workplaces in Arita, the Japanese ceramics region, for example, and the opportunity to present on the international stage, such as at the Salone del Mobile in Milan and the Architecture Biennale in Venice. The frameworks for the open calls are determined by the Fund.

interdisciplinary grants schemes

In addition to the grant schemes for the specific areas of expertise, the Fund also has various interdisciplinary grant schemes aimed at talent development, experiments and internationalization. Within these grant schemes, grants can be applied for from various disciplines within the fields of design, architecture and digital culture. Projects are set up by the makers themselves.

The grant schemes Upstream: Music x Design and Immerse\Interact are aimed at interdisciplinary projects as well. Through both grant schemes we stimulate new collaborations with makers in the music and film industry and support innovative music and media productions. The Immerse\Interact Grant Scheme is implemented in collaboration with the Netherlands Film Fund.

innovationlabs

Targeting the full breadth of the sector, the Fund implements Innovationlabs together with CLICKNL on behalf of all state culture funds. This programme gives an impulse to the development of useful knowledge and new working methods that will help the cultural and creative sector to become more agile and resilient in the longer term. Innovationlabs is initiated in response to the recommendation from the Council for Culture in its advisory report *Onderweg naar Overmorgen* (2020).

Use the power of design

Designers are valued for their creativity, imagination and the power to connect – three significant qualities needed to tackle current social issues. Guided by the motto ‘from imagination to impact’, the Fund inspires others to engage the power of design.

The Netherlands faces a number of complex issues, ranging from the necessary energy transition and the ageing society, to the shortage of suitable and affordable housing and making agriculture more sustainable. Tackling these themes requires the ability to change. The power of imagination is essential for this. The Fund wants to make commissioning parties aware of the added value designers have. We are dedicated to an integral approach and a long-term collaboration between the creative industry and relevant partners in other fields, such as the energy, healthcare or construction sectors and for the interactive exchange of knowledge. We do this through programmes and open calls.

Infrastructuur ontwerpsector 2022, culturele instituties ondersteund door de Creative Industries Fund NL en BIS

Infrastructuur ontwerpsector 2023

Stimuleringsfonds Creatieve Industrie en BIS*

4-jarig instellingsubsidie 2021-2024

iii
 IMPAKT
 Mediamatic
 Playgrounds
 Sonic Acts
 V2_

PrintRoom
 The Grey Space in the Middle
 The Hmm
 Van Eesterenmuseum
 Varia
 Zone2Source

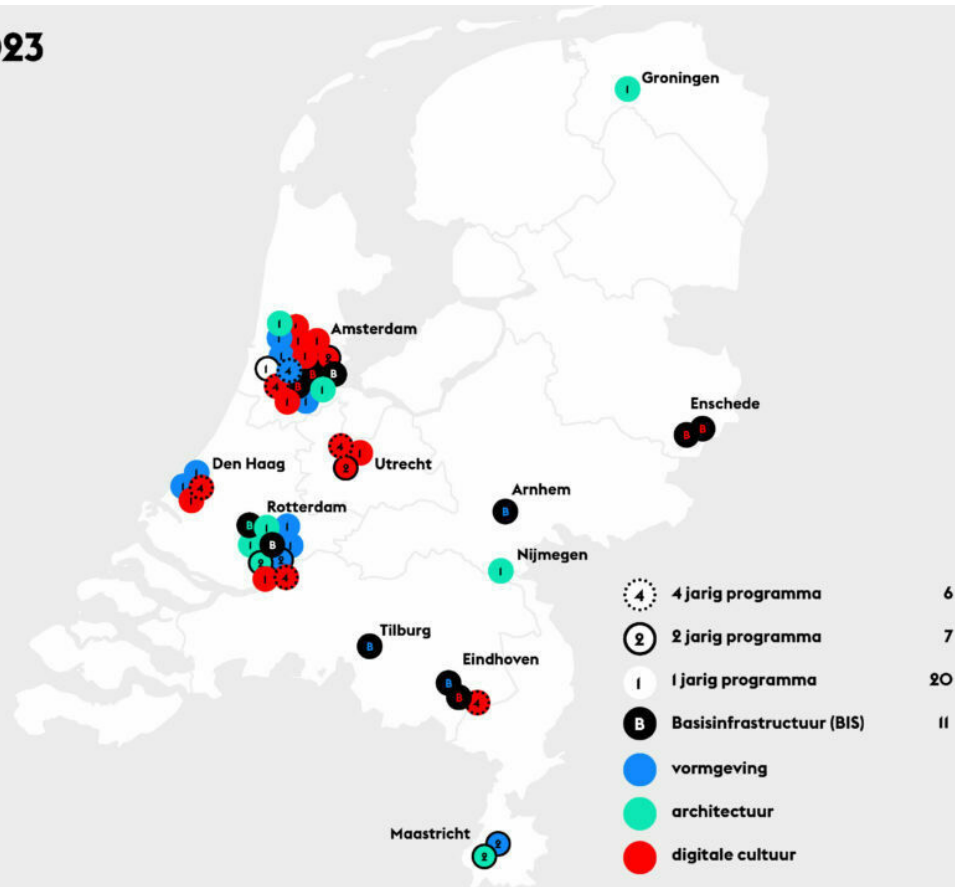
2-jarig activiteitenprogramma 2023-2024

AIR Rotterdam
 Bureau Europa
 ExtraExtra
 FASHIONCLASH
 FIBER
 SETUP

Basisinfrastructuur (BIS)*
 BioArt Laboratories
 Dutch Design Foundation
 GOGBOT
 Het Nieuwe Instituut
 Internationale Architectuur
 Biënnale Rotterdam
 Next Nature Network
 Pakhuis de Zwijger
 State of Fashion
 TETEM
 TextielMuseum/Lab
 Waag

1-jarig activiteitenprogramma 2023

affect lab
 Arcam
 Architectuurcentrum Nijmegen
 BlueCity
 Creative Coding Utrecht
 CURRENT OBSESSION
 Das Leben am Haverkamp
 De Dépendance
 Hackers & Designers
 Illustratie Ambassade
 Independent School for the City
 MacGuffin
 OSCAM
 Platform GRAS



* Tien instellingen maken onderdeel uit van de Basisinfrastructuur en worden vierjarig ondersteund via het ministerie van OCW.



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HILTI The Foundation.

Hilti Foundation

Bamboo has emerged as a transformative solution in addressing the global housing crisis, particularly for low-income communities in the Global South. An estimated 1.6 billion people live in inadequate housing globally, with nearly half of Nepal's population in substandard conditions. These dire statistics highlight the urgent need for sustainable and affordable housing solutions. The Hilti Foundation, alongside partners like Habitat for Humanity, the Kawayan Collective, and the BASE Bahay Foundation, is pioneering this initiative by leveraging bamboo's rapid growth and cost-effectiveness.

Although bamboo is predominantly sourced in the Global South, inadequate housing is a worldwide issue, making bamboo an attractive solution through leveraging global partnerships.

Bamboo offers numerous advantages as a building material. It is sustainable, strong, and flexible, making it ideal for construction in disaster-prone areas. Bamboo's rapid growth cycle makes it a renewable resource, crucial for sustainable construction. Additionally, it is cost-effective and locally available in many parts of the world, reducing the overall cost of construction and making housing more accessible to low-income families.

Website: <https://www.hiltifoundation.org/>

Advancing Bamboo Technology Through University Collaborations

The BASE Innovation Center collaborates with over 25 leading universities to advance bamboo technology. Research efforts focus on mechanical characterization, fire resistance, life-cycle assessments, and developing building codes and approvals. Collaborations with institutions such as ETH Zurich and the University of the Philippines have been integral to these efforts. The development of Cement Bamboo Frame Technology (CBFT) has been a significant breakthrough, allowing the construction of disaster-resistant structures that are both sustainable and affordable. Additionally, the establishment of independent bamboo treatment centers in the Philippines has boosted the local economy by providing high-quality bamboo products.

Practical Applications and Economic Benefits of Bamboo Construction

The practical applications of bamboo in construction have shown promising results. Over 1,500 CBFT homes were built in the Philippines and Nepal by 2023, creating local supply chains and employment opportunities. These homes not only provide safe and durable shelter but also enhance the resilience of communities to natural disasters. In the Philippines, the independent bamboo treatment centers ensure a steady supply of treated bamboo, supporting various construction needs and promoting economic growth.



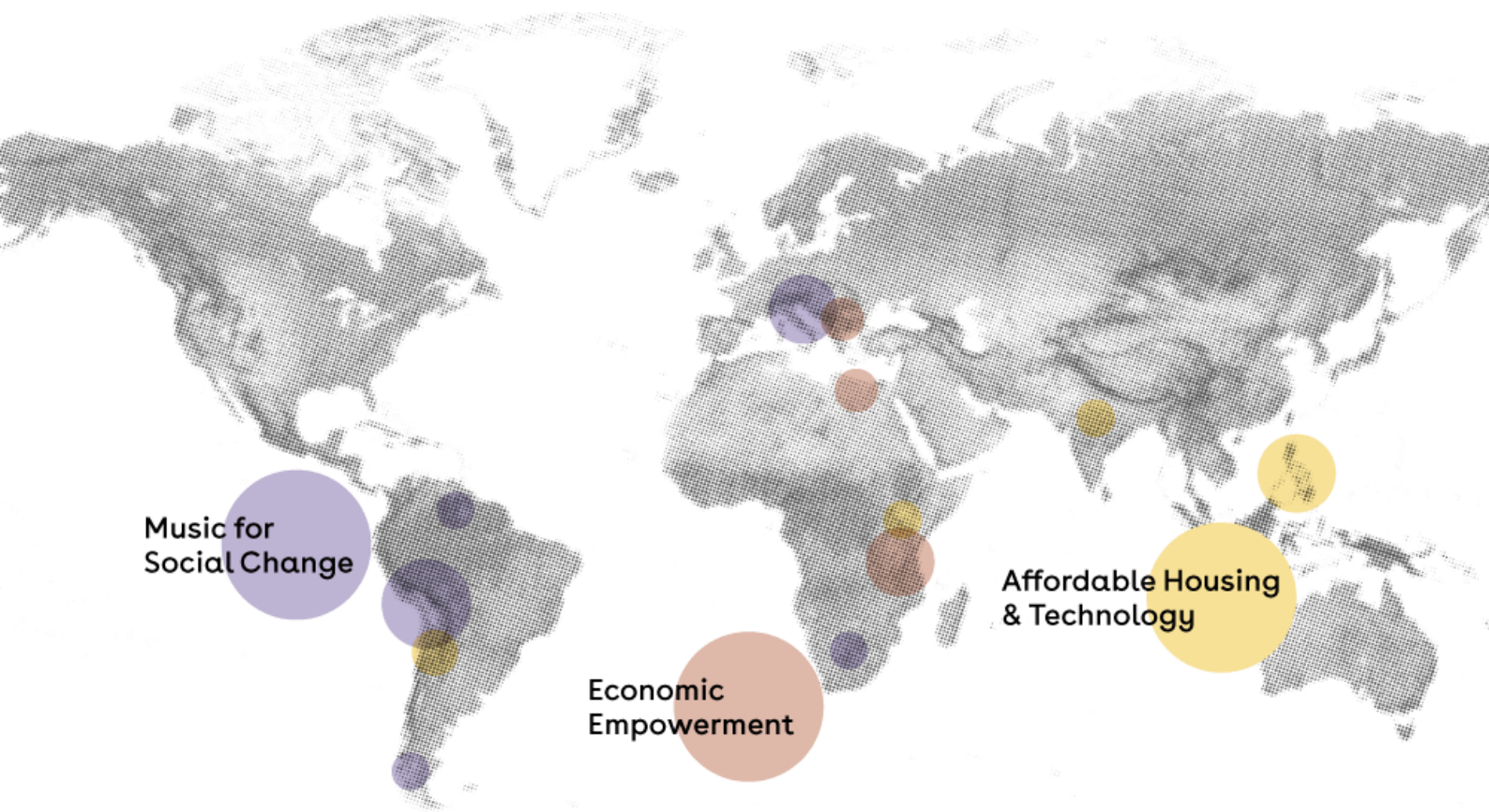


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Scaling Up Bamboo Housing Initiatives

Looking ahead, the Hilti Foundation aims to scale up its bamboo housing projects, enhance local training programs, and foster public-private partnerships to ensure sustainability and scalability. The foundation plans to increase the number of bamboo homes built and further develop the bamboo supply chain, ensuring a broader impact. By promoting the use of bamboo in construction, the Hilti Foundation seeks to drive social and economic transformation, providing resilient, affordable housing to some of the world's most vulnerable populations. Through rigorous research and innovative applications, bamboo can offer a sustainable solution to the global housing crisis. It is more than just a building material—it is a catalyst for a better future.





Focus Areas

Music for Social Change

When people collaborate together musically, we see how each individual has a valuable role to play in any team. We also learn what it takes to contribute in the best possible way to a community. Young people are encouraged to transfer these experiences into their daily lives and at the same time these experiences support them in making informed decisions for their future.

By helping to fund and develop music programs internationally, we empower many children and youths to make conscious life choices and become independent, responsible and active members of society.

Economic Empowerment

Everyone has the right to a self-determined life. All people should have the opportunity to develop skills, find sustainable jobs, start businesses and earn a living. With a sustainable and growing income, families can afford a better living standard. They can also contribute to a socially inclusive and economically thriving local community.

Affordable Housing & Technology

Adequate housing is a human right. A safe place to call home is a prerequisite for social and economic development. As a priority, we help develop innovative products and technologies that meet the needs of informal and low-income environments, and create skills, jobs and livelihood.



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We want to unlock potential in individuals and communities. Our team is passionate about achieving scalable and sustainable impact. To drive this change, we cooperate with competent partners.

Building a better future

All our focus areas have a single common goal: to enable people in need to become economically independent through their own efforts, allowing them to lead better, self-determined lives.

Empowering people to live an independent and autonomous life

We believe that all individuals have the ability to grow and take their lives into their own hands. To unlock this potential, our programs empower people to improve their skills and education, to trust their own abilities and to develop a positive view of their futures.

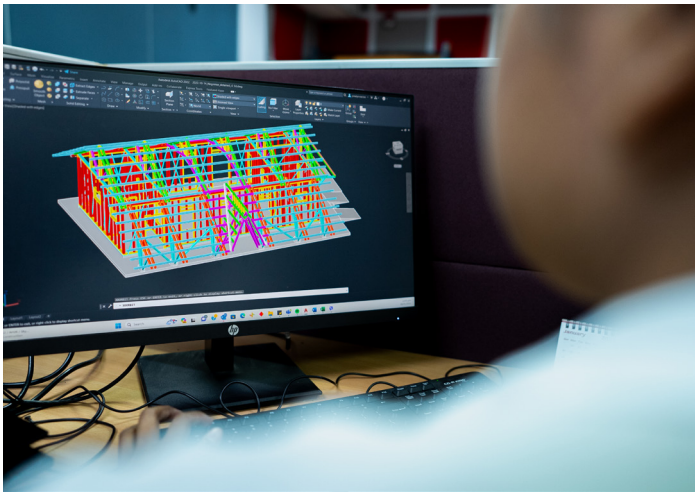
Contributing to building strong societies

In the long run, we are convinced that opportunities for individuals depend on an enabling environment. As a rule, our programs aim to create systemic change that continues to generate impact beyond the scope of our engagement.

Creating networks of competent partners to achieve sustainable and scalable impact

We are aware that no single organization will be able to improve things. Social development is a multifaceted process. This is why we work with networks of like-minded partners and connect our activities with those of other change-makers to implement large scale, sustainable solutions.





In all our activities we are concerned with achieving social impact that meets the following principles and values:

We take ownership of our projects

To achieve tangible results, we make sure that our project targets are diligently planned, that roles and responsibilities between partners are clearly defined, and that success is measured according to a consistent methodology. When we enter partnerships, they are based on trust with the clear intention to pursue shared objectives in a strategic, consistent and long-term-oriented manner.

We are guided by values and principles

At all times and in all locations, we act with credibility, reliability and accountability. We show zero tolerance towards corruption and do not accept any form of discrimination. In our operations, we strive to minimize waste and air, soil and water emissions. The benefit of our target groups is thereby always at the center of our work. We expect partners to share these principles and values, and we hold them responsible for their activities.

We are prepared to take calculated risks

When starting a new program or initiative, we aim to break new ground by testing innovative solutions and models that promise a greater impact for our target groups. Where we achieve proof of concept, we strive to bring it to scale. Where we encounter challenges, we try to solve them. When it becomes apparent that social change cannot be reached through a program, we conclude these activities.

We consider ourselves an engaged partner

As such, our commitment extends beyond the mere provision of funds. We challenge our partners to explore new paths and learn from their experiences. The definition of projects, strategies and targets, in this sense, becomes a joint effort. Beyond these strong ties with our partners, we have a firm belief in the role of networks. This drives our motivation to build bridges across sectors and geographies, to take an active approach to connecting people and organizations and to sharing our ideas and the results of our work with others.

“Creating positive social impact is extremely important to us. Not only because our team members, our partners, and our customers expect this of us, but because it is at the core of who we are – and have always been – as a company.”

Jahangir Doongaji
Chief Executive Officer, Hilti Group

“Talent is evenly distributed around the world, but opportunities are not. As a family but also a corporate group, we want to give back. The Hilti Foundation is therefore committed to helping people around the world help themselves and empower them to live a self-determined and better life.”

Michèle Frey-Hilti
Member of the Board of Directors, Hilti Group
Member of the Hilti Foundation Board



Silver Sponsor



BambooLogic

BambooLogic

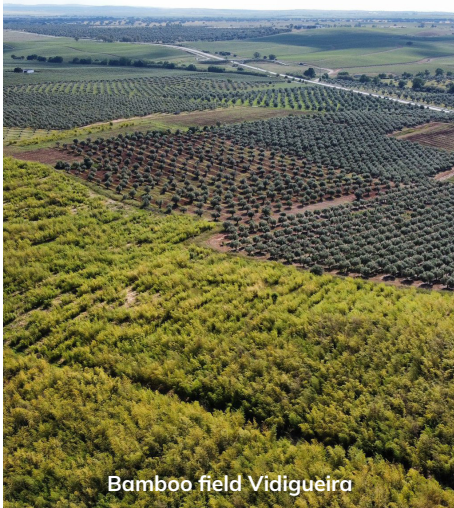
BambooLogic is a Dutch company under the name Bambulogic Europe B.V., with head office in Nijmegen.

With offices in The Netherlands and Portugal, we have established bamboo farms in 7 European countries. Our mission is to meet the fast growing demand from the European industry for local grown renewable bio-based materials. By that we are contributing to the EU climate goals while unlocking a rewarding green business opportunity for the agricultural & processing sector.

With joined forces we are planning to plant a few thousands of hectares of bamboo in Europe over the next years, initiate primary processing and aiming to take about 1.000.000 tonnes of CO₂ out of the atmosphere through the bamboo farms.

Website: <https://bamboologic.eu/>





Bamboo field Vidigueira

What makes BambooLogic unique?

Leading in Europe on providing bamboo for the biobased industry

Bamboo farm network in **7 European countries**

Team with **bamboo experience since the 1980s**

From plant propagation to market access

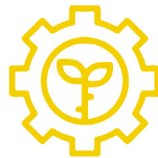
14 B-to-B & B-to-C sales points in 10 European countries

Bamboo **carbon removal credits**

Our activities



Grow



Process



Sell

What we do?

Invest in European bamboo

We invest in the European bamboo value chain, because the economical and ecological potential is huge. Europe is, next to China, the biggest market for bamboo products. Bamboo is a sustainable bio-based alternative for classic materials. To meet the future demand, first of all bamboo should be planted. We welcome believers and investors to go along with us in this promising sector of the fastest renewable commodity.

Sell bamboo

As a zero-waste crop bamboo not only delivers the woody culms. Also the leaves, branches and the edible shoots are rewarding products. We are selling the different products from our own farms as well as our partner farms. The primary processed or raw bamboo is sold to industry partners in a variety of sectors. The B-to-C market is served through our distribution company with 14 sales points in 10 E.U. countries.

Remove carbon

Important in our mission is that we can contribute to the European climate goals. Bamboo is a champion in CO2 sequestration. The plant stores large amounts of carbon in the soil and durable products. By planting on degraded land we unlock a true natural carbon sink. Therefore we receive independently certified carbon removal certificates. The certificates of the different European bamboo farms are offered to the Voluntary Carbon Market (VCM)

Cultivate & process

To be able to meet the huge demand we partner with external growers and farmers. We deliver the bamboo plants and offer an offtake agreement for the future harvests. We are currently pioneering sustainable processing of different products together with important different market players.



Silver Sponsor

Bamboologic joins forces with European growers

We offer a full-package service to farmers, companies and organisations who want to set-up a bamboo farm. By cooperating with bamboo farmers throughout Europe we are able to meet the huge demand for local grown produce, reduce transport costs and footprint, and reduce risks. Thanks to unique bamboo replication and cultivation experience since the 1980s we are able to deliver large amounts of plants needed for industrial scale bamboo farming. Our team of specialists advises and guides the farms from A to Z. To ensure future revenues partnering bamboo farmers get a long-term offtake agreement for future harvests.

Access to the market

B-to-B Bamboologic collects, processes and sells the produce from the bamboo farm network to the industry. Through this cooperative way of working, a farm is not on its own, but can rely on support and advice, R&D, harvesting techniques and the sales power of Bamboologic. The demand out of the industry is exceeding the supply many times. Start cultivating now, for revenues decades to come. B-to-C Recently Bamboologic has taken a next step in their forward integration in the European bamboo sector, by involving the largest importer of bamboo products in Europe: www.bambooimport.com. With a successful web shop and 14 sales points in 10 European countries this is a solid foundation to build the future distribution of European bamboo.

Carbon farming

The E.U. carbon removal and carbon farming (CRCF) Regulation, breaks a lance for certification of carbon removals through naturebased removal projects as for example bamboo farms. Bamboo is a champion in storing carbon in the soil and materials. It is essential to formalize and value these carbon farming revenues. Bamboologic partner growers are rewarded for their efforts to invest in bamboo and remove carbon dioxide through our independently certified bamboo carbon removal certificates. Shortly after planting, the carbon certificates are offered to the Voluntary Carbon Market (VCM). Our in-house carbon & data manager supports the farms in data collection, application of the certificates and follow-up of the removal projects.





fast

Bamboo is the fastest-growing type of grass on the planet. As an ideal alternative for wood, bamboo grows much faster than trees and yields more wood. Above all, bamboo can be harvested every year, without clearcutting.



sustainable

Thanks to its unique properties, every part of the bamboo plant can be used. Bamboo absorbs more carbon than trees, regenerates soils and retains water. No pesticides are used, tillage and clearcutting are out of the question. When you invest in bamboo, you invest in nature and climate.



growing market

Bamboo is present in almost every household. The bamboo market is expected to grow exponentially in the coming years. Europe is currently the largest export market for Asian bamboo products. For many applications European grown bamboo is suitable. That's why investing in bamboo in Europe is a good portfolio diversification.



strong & versatile

The versatile bamboo is processed into tens of thousands of applications. It has a larger tensile strength than steel and is the ideal raw material for composite materials, while on the other hand, it is used to produce ultra-soft textiles. It's one of the most versatile renewable commodities and thus a good investment.

Research & development and so much more...

A European bamboo sector is not about copying Asia, Latin-America or Africa. Bamboo farming in Europe is different for many reasons: adapted bamboo varieties are needed; growth expectations should be managed; processing standards and costs are an important factor in the business plan; the European market asks for specific products and solutions; regulations on sustainable processing and product footprint are more stringent. Together with leading market players we are putting much effort in R&D in order to optimize cultivation, harvesting and processing towards European market standards. These cooperations led to first test productions of bamboo insulation, beams and pulp (for textile) based on bamboo from our European fields. Also the edible bamboo shoots already found their way to the market and are served in a Dutch Michelin Star restaurant.

Join us and make impact

Essential in our company mission is to make as many positive impact as possible. Are you a farmer, producer in search for European bamboo or a company who wants to offset your footprint?

We have transparent and solid solutions to meet your goals.

Website: <https://bamboologic.eu/>

Our offer to European bamboo farmers



Quality plants



Carbon removal certificates



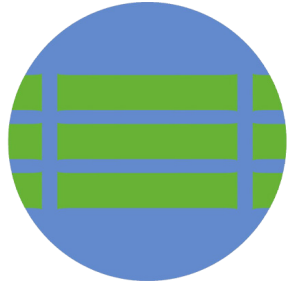
Offtake agreement



A to Z advice + guidance



Silver Sponsor



WORLD BAMBOO

World Bamboo Organization

The World Bamboo Organization is a diverse group consisting of individual people, commercial businesses, non-profit associations, institutions, and allied trade corporations that all share a common interest = BAMBOO. The purpose of the WBO is to improve and promote this common interest, as well as the conditions affecting, and the industry surrounding, this common interest. We are dedicated to promoting the use of bamboo and bamboo products for the sake of the environment and economy.

Website: <https://worldbamboo.net/>



We are a United States tax-exempt trade association (U.S. 501-c6, est. 2005) formed to facilitate the exchange of information from around the world on the environmental, socioeconomic, biological, and cultural aspects of bamboo. By bringing together local and regional bamboo people and creating mechanisms for global communications, the WBO's goal is to facilitate the development of new partnerships and alliances to advance the causes of bamboo and furthering the efforts of bamboo practitioners worldwide. We play a crucial networking role by connecting people for useful collaborations on all things related to bamboo.

Originally founded as the International Bamboo Association (IBA), the idea for an international coordinating body for bamboo practitioners was born out of discussions at the 1991 International Bamboo Workshop in Chiangmai, Thailand. The IBA was consequently established at the 1992 International Bamboo Congress in Japan. Through 1998, the IBA had been the coordinating platform for bamboo people around the world, with its primary responsibility being the International Bamboo Congress & International Bamboo Workshop. A union of these two distinct gatherings is today called the World Bamboo Congress, and has led to the re-birth of the IBA into the World Bamboo Organization.

The founding members of the WBO include Susanne Lucas (USA), I.V. Ramanuja Rao (India), Karina Quintans (USA), David Flanagan (USA), Carmelita Bersalona (Philippines), Amin Samuel Zacca (Ghana), Jorge Campos (Chile), Victor Brias (Belgium). Michel Abadie (Paris, France) served his first term as President from 2010-2012, and was reappointed a second term in 2013-2015. Kamesh Salam (Assam, India) served as President 2007-2009. Susanne Lucas is the CEO.

Purpose of the Survey

The "2024 Global Bamboo Plantation Resource Survey" aims to collect precise and up-to-date data on bamboo plantations and processing operations worldwide. This information will help us to:



Map global bamboo resources.



Identify growth and development opportunities.



Facilitate connections among industry stakeholders.



Promote the sustainable use of bamboo.

Benefits of Participation



Showcase Your Bamboo Plantation to the World



Engage with Potential Clients and Business Partners



Join Our Global Network



Demonstrate Bamboo's Contribution

Join the Survey!

2024 Global Bamboo Plantation Resource Survey

Our annual survey aims to advance the global understanding of available bamboo resources and enhance their positive impact on communities and bioregions. Join us in this global movement towards a sustainable future with bamboo as a catalyst for positive change.

Join the survey:

<https://form.jotform.com/241424869715060>



World Bamboo Needs Your Support!

Share the gift of bamboo!

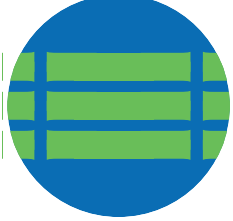
Please support us by giving generously to World Bamboo. There are two ways to help, a personal donation or business partnership. Either way, 100% of your donation will go directly to our efforts aimed at the understanding, science, potential and utilization of bamboo globally.

Make a Personal Donation:

<https://worldbamboo.net/support>

WORLD BAMBOO 

Ambassadors



WORLD BAMBOO



Uniting passion, expertise, and action for **bamboo**.

As dedicated volunteers, we drive the mission of the World Bamboo Organization forward. Together, we amplify the voice of bamboo, showcasing its incredible potential to the world. Join us in shaping a sustainable future with bamboo.

#BamboolsGrowing



www.worldbamboo.net

KEEP BAMBOO
STRONG
BECOME A MEMBER

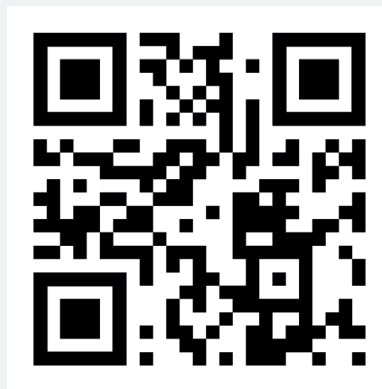


WORLD BAMBOO

The World Bamboo Organization (WBO) stands as a vibrant coalition, uniting individuals, businesses, non-profits, institutions, and trade corporations under the banner of bamboo.

Our mandate spans the global discourse on bamboo's environmental sustainability, socioeconomic impact, biodiversity, and cultural resonance. Through our expansive network, we foster strategic alliances and collaborations, driving innovation and advancement within the bamboo sector worldwide.

Join us in harnessing the power of bamboo for a **sustainable future.**



WORLD BAMBOO 
Ambassadors

DESIGN GREEN
**World
Bamboo
Workshop**

 **WORLD
BAMBOO
FOUNDATION**

www.worldbamboo.net



Speakers



Boris Zeisser

Architecture

Founding Partner

Natruified Architecture, Netherlands

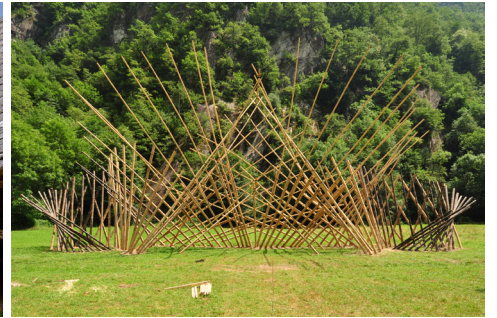
Boris Zeisser graduated with an honorable mention in 1995 from the Technical University of Delft. He worked from 1996 till 2001 at the architecture office of Erick van Egeraat in Rotterdam before founding his own office 24H Architecture with Maartje Lammers in 2001. After terminating 24H Architecture in 2015, Boris founded the new office Natruified Architecture, which is based in Bergen, the Netherlands. Together with his partner Anja Verdonk he runs his office with a special focus on circular designs and building with bio-based materials.



Ecological Children Activity and Education Center



Panyaden School



Bamboo Pavilion for Shankra Festival

Structural Engineering

Esteban Montoya Morales

Structural Engineer, Colombia

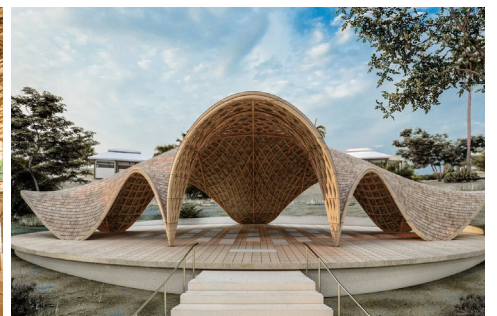
Esteban Montoya Morales is a structural engineer from the National University of Colombia with 10 years of experience in the design of bamboo, wood, and earth structures. He has calculated structures of acclaim in various countries such as Colombia, Thailand, Mexico, Brazil, and Bali. He has trained engineers and architects from different countries in the design of structures with eco-materials, mainly bamboo. He is completely convinced that the current environmental crisis could be mitigated with two practical and easy-to-perform activities: plant-based eating and plant-based building.



Luum Temple



Bamboo Sports Hall Panyaden School



Manta Yoga Shala



Hans Friederich

Cultivation

Partner and Senior Advisor
BambooLogic, Netherlands

Dr. Hans Friederich FRGS is a Dutch geographer with a PhD from the University of Bristol, UK. He is global ambassador of the World Bamboo Organisation and partner and senior advisor to BambooLogic in the Netherlands. He is involved in several research projects related to bamboo in Europe and the UK. Additionally, he is a member of the expert panel of the Life Terra Foundation, the IUCN World Commission on protected areas and the IUCN Commission on ecosystem management. Hans previously served as director general of the International Bamboo and Rattan Organisation and IUCN regional director for Europe. Throughout his career Hans had done extensive work to promote bamboo as a support for sustainable development, both in the global South and in Europe.



Dr. Hans Friederich



Dr. Hans Friederich



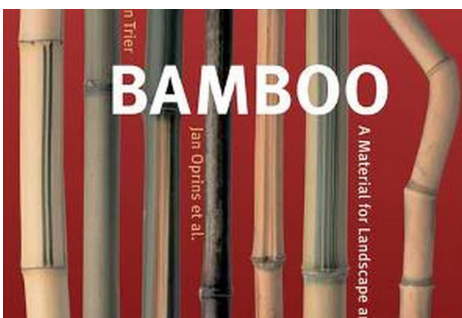
Dr. Hans Friederich

Cultivation

Jan Oprins

Stakeholder and Partner
BambooLogic, Netherlands

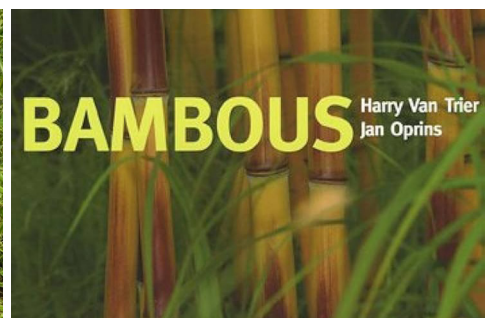
Jan Oprins grew up with a lot of passion for nature and horticulture. Together with his team, a lot of pioneering work was done to refine the technology for propagating bamboo. This led to the expansion of production companies in Europe, Asia and Africa. He has 45 years of experience with bamboo for the propagation, cultivation and selection of mother plants, together with the know-how for setting up bamboo plantations in different climate zones.



Bamboo: A Material for Landscape and Garden Design (2006)



Jan Oprins



Bambous (2005)



Jasper Niens

Construction

Co-founder

Impossible Projects, Netherlands

Impossible Projects is a design studio whose practice is based in the Netherlands and the Philippines. We operate within the realm of architecture and art and our aim is to challenge the conventional notions of architecture and construction in order to create functional structures that blend into their surroundings and have a low environmental impact. We continually research new materials and building methods taking into account locally available materials, technology and skill levels in order to achieve complex designs that are executed in the simplest and most direct way. Studio Impossible projects consist of Jasper Niens and Rick Atienza. Jasper is a visual artist and researcher who builds large-scale installations and structures using his self-developed algorithms, building techniques and practices.



Dragon Eggs



Dragon Eggs



Dragon Eggs

Construction

Jörg Stamm

Bamboo Construction Specialist, Colombia

Jörg Stamm, originally a master-carpenter from Germany, is based in Colombia and discovered his passion for bamboo - a traditional local building material - during reconstruction after an earthquake in 1995. He now plays a leading role in an international community of bamboo builders making modern structures that avoid the need for tropical hardwoods and other environmentally damaging materials. His projects include buildings from housing to schools and meeting places, bridges, towers and other structures challenging the strength and resilience of bamboo, often combined with modern materials.



Haven bridge



Kapal Bamboo



The Dancer



Luis Felipe López

Structural Engineering

Head of Product Development and Structural Design
Base Bahay Foundation, Philippines

Luis Felipe López is a Structural Engineer from Colombia who has devoted his entire career to researching and developing bamboo building systems. He has authored and collaborated on multiple bamboo structural design codes and is part of the ISO Committee for TC165 (Timber and Bamboo Structures). He has worked as a researcher at the University of Los Andes in Bogota, Colombia, where he worked on earthquake resistance of bamboo structures. He has closely collaborated with renowned bamboo architect Simón Velez. Currently, he is the Head of Product Development and Structural Design at Base Bahay Foundation, which uses Cement Bamboo Frame technology to construct low-cost housing.



Bamboo Academy



Bagong Silangan Kawayan Housing Initiative



Cement Bamboo Frame Technology

Cultivation

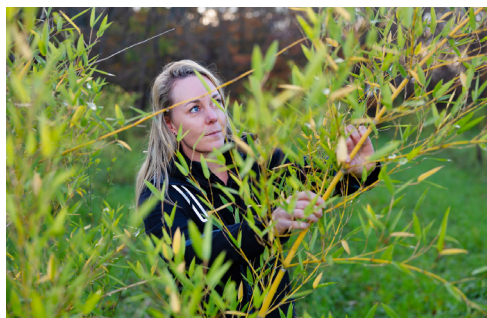
Maike Denissen

Owner
Bamboerin, Netherlands

I grew up on a farm and feel connected to nature. For years I was playing with the idea of giving a part of our farmland a different purpose. It developed from the idea of starting a mini campsite to the desire to grow a sustainable crop, something innovative with which I can contribute to the challenges we face today; reducing CO2 and nitrogen emissions. In 2022, I started a bamboo farm in The Netherlands for the production of wood, fibers and food; de Bamboerin.



Bamboerin



Maike Denissen



Bamboerin



Speakers

Manu Narendran

Construction

Co-founder

Thumbimpressions, India



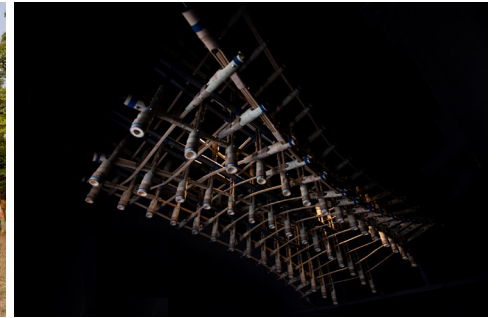
Manu Narendran is an engineer by training and completed his bachelor's degree from the School of Building Science & Technology, CEPT University in the year 2011. He co-founded Thumbimpressions, a design practice that prioritizes environmental concerns and craftsmanship. His close involvement in academia for initial few years and active practice in the field has helped in developing a research-based approach towards commercial projects. His keen inclination towards working hands-on with artisans has led to creative engagements with them while executing commercial buildings and highlighting the importance of artisan-driven engagement models in today's construction practices. He has extensive experience in bamboo-based projects across India. He has conducted national and international workshops and lectures on various natural materials used in the built form. He is a lifetime member of the Bamboo Society of India.



Earthshaala



Yogashaala



Samanjasya: SAF 2022

Architecture

Markus Roselieb

Principal Architect

Chiangmai Life Architects and Chiangmai Life Construction, Thailand

Markus Roselieb is the founder of Chiangmai Life Architects and Chiangmai Life Construction, which specialize in green and sustainable architecture. He advocates for architecture that utilizes natural materials like bamboo and clay, combined with 21st century engineering knowledge. Markus is also the co-founder of Panyaden International School, promoting a value-based education that focuses on creativity and environmental sciences. A medical doctor by training from the University of Vienna, Austria, Markus is an autodidact architect who learned architecture through passion, observation, especially the micro-structure of the human bone, and by gathering experience through building since his student days. His achievements include numerous awards and recognitions in the architecture industry.



The Bamboo Cathedral



Bamboo Sports Hall Panyaden International School



Secondary School Library Panyaden

Martin Mortera

Construction

Executive Director and CEO
Bamboo Architecture, Mexico



Architect, designer, and social activist with a multicultural education from Mexico, Colombia, and Cuba. For the past 12 years, he has been dedicated to constructing sustainable architecture using bamboo, adobe, and other eco-friendly materials. He also provides consultation services to private companies, NGOs, and government agencies on the use of sustainable materials. He has shared his expertise as a speaker for Mexico in numerous countries, including the United States, India, Brazil, Peru, Chile, Vietnam, Colombia, Guatemala, Canada and South Korea. As the Executive Director and CEO of Bamboo Architecture Mexico, Martin has overseen the construction of several notable projects for private companies and Mexican government agencies, including the Four Seasons Group, Conrad by Hilton, Hilton Group, Garza Blanca Group, and KAN Tulum, among others. His innovative and sustainable approach to architecture has made a lasting impact on the industry.



Lobby in Tulum



Bar in Tulum



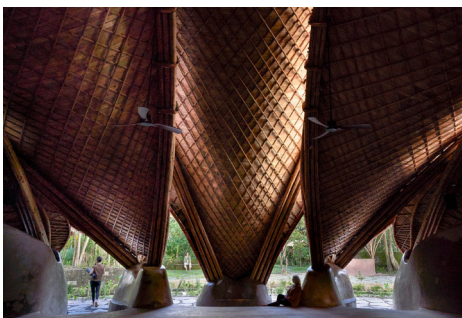
Arrival Lobby

Structural Engineering

Neil Thomas

Founder and Director
Atelier One, United Kingdom

Neil Thomas is the Director and Founder of Atelier One, which has been described as 'the most innovative engineering practice in the UK'. Neil received the World Building of the Year Award 2012 for Gardens by the Bay in Singapore. Collaborations with Architects, Artists, and Designers have resulted in many interesting built projects such as Gardens by the Bay, London 2012 & Sochi 2014 Olympics Opening Ceremonies, Cloud Gate with Anish Kapoor and 'The Claw' Stage for U2's 360 Degree World Tour, with Mark Fisher. In 2014 Neil was elected Royal Designer for Industry for excellence and innovation in structural design. Later in the same year Neil received an Honorary RIBA Fellowship for both the excellence and the inventiveness of his contribution to Architecture over the past 25 years. In 2016, Neil was honoured with an MBE on the Queen's 90th Birthday, for his contribution to Architecture, Design and Engineering.



Lumi Shala



The Arc - Green School Gymnasium



The Arc - Green School Gymnasium



Olav Bruin

Architecture

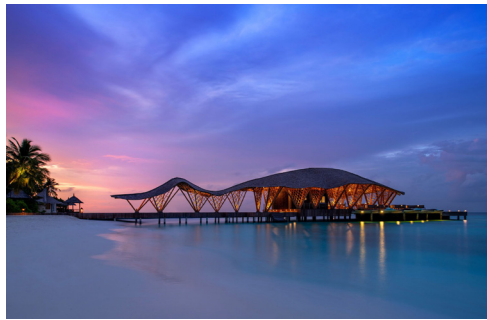
Creative Director

Atelier Nomadic, Netherlands

Dutch architect Olav Bruin has over 15 years of experience in designing and masterplanning resorts, private residences, housing projects, and schools across the globe. He specializes in biophilic architecture using locally available sustainable materials that fit symbiotically into their natural surroundings as he believes that architecture should serve as a bridge to connect nature, culture and people. Olav is currently Creative Director at Rotterdam based Atelier Nomadic and partner at its sister company Nomadic Resorts.



Playa Viva Treehouses



Overwater Restaurant



Wild Coast Tented Lodge

Engineered bamboo

Pablo van der Lugt

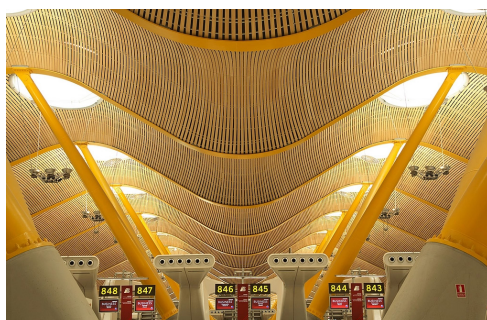
Head of Sustainability and Innovation

Moso International BV, Netherlands

Architectural engineer Dr. ir. Pablo van der Lugt obtained his PhD at Technical University Delft in 2008 for his research about the environmental impact (LCA) of engineered bamboo. Since then, he has been active in the building industry as senior consultant on the themes of sustainability, circularity, and biobased building, ever maintaining a connection with the academia through TU Delft - AMS Institute. He is the author of several books on biobased building, including Tomorrow's Timber (2020) and Booming Bamboo (2017), and regularly publishes his research findings in popular magazines, scientific journals, and conference proceedings.



Lexus Lounge at Brussels Airport



Madrid Airport



Sottanelli Assicurazioni



Rick Atienza

Construction

Co-founder

Impossible Projects, Philippines

Impossible Projects is a design studio whose practice is based in the Netherlands and the Philippines. We operate within the realm of architecture and art and our aim is to challenge the conventional notions of architecture and construction in order to create functional structures that blend into their surroundings and have a low environmental impact. We continually research new materials and building methods taking into account locally available materials, technology and skill levels in order to achieve complex designs that are executed in the simplest and most direct way. Studio Impossible projects consist of Jasper Niens and Rick Atienza. In his past career Rick was an executive in the global shipping industry. Discovering that building is his primary joy, he's dedicated his organisational skills to Studio Impossible Projects.



Dragon Eggs



Dragon Eggs



Dragon Eggs

Cultivation

Sankalpa

Co-founder

Thumbimpressions, India

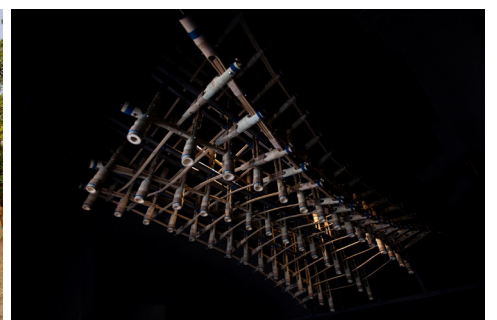
Sankalpa is an architect and program chair for Master's in Architectural Tectonics at the Faculty of Architecture, CEPT University in Ahmedabad, India. He co-founded Thumbimpressions, a design practice that prioritizes environmental concerns and craftsmanship. His architectural studio encourages students to experiment and explore through modeling and detailing techniques. Sankalpa's research focuses on developing an aesthetic that integrates industrial and natural materials, such as bamboo and steel, to address the environmental crisis. He has extensive experience in bamboo-based projects across India, has conducted national-level workshops, and delivered lectures on bamboo as a building material. He is a lifetime member of the Bamboo Society of India.



EArthshala



Yogashaala



Samanjasya: SAF 2022



Sanne Eekel

Architecture

Architect

bkv architecten, Netherlands

Sanne Eekel works as an architect at the Amsterdam based office bkv architecten. To design, develop, and build climate friendly buildings is their mission. In their design process bkv architecten focuses on using smart natural principles (physics) to create buildings that are efficient in their energy consumption and enable a comfortable way of living. The natural environment has a central role in every project. Bamboo is an inspiration for its structural natural intelligence. In their projects in Uganda it is the most preferred building material.



Bamboo Pavilion Uganda



Bamboo Pavilion Uganda



Bamboo Pavilion Uganda

Structural Engineering

Sebastian Kaminski

Associate Structural Engineer

ARUP, United Kingdom

Sebastian is a Structural Engineer within ARUP's Specialist Structures and Materials Team in London. He is a specialist on the structural use of bamboo, and has presented on this subject externally to architects, institutions, and conferences, and runs international training courses on bamboo. He has published several papers and guidance notes on using bamboo appropriately and was co-author of the latest ISO bamboo design code published in 2021.



El Salvador social house by Arup



El Salvador social house by Arup



El Salvador social house by Arup

Sowrabh Shetty

Cultivation

Business Developer

Bambooder, Netherlands



Sowrabh Shetty, seamlessly integrates his aerospace engineering background with a passionate dedication to sustainability and expertise in composite manufacturing. With an MSc. from TU Delft, his commitment to eco-friendly practices shines through, particularly in crafting natural fibre composites with bio-based resins. He aims to foster partnerships with companies, guiding them towards sustainable practices and demonstrating the economic and environmental benefits of adopting sustainable approaches. Bambooder has developed patented technology to mechanically extract bamboo fibres for high-performance composite applications. Their main products, including technical yarns suitable for continuous fibre 3D printing, UD tapes, or textiles, are made from long bamboo fibres (12-50cm). Additionally, they utilize all side streams to produce short fibres suitable for non-woven mats, injection moulding compounds, or 3D printing filaments.



Bambooder - Mat



Bambooder - UD Tape



Bambooder - Yarn

Cultivation

Susanne Lucas

Founder and Executive Director
World Bamboo Organization, USA

Susanne Lucas' professional background is in horticulture, as she works in the field of landscape design and garden development. Through seeing bamboo as a beautiful plant, her knowledge expanded to appreciating the myriad of global applications of bamboo as a vital natural resource, providing solutions as an environmental remedy for degraded land, an economic opportunity for communities in need, a sustainable building material, a biofuel, a fiber, climate change mitigator and so much more. She holds a BS in Horticulture from Colorado State University, served as a director for the American Bamboo Society for many years, is past president of the American Bamboo Society, and served on the board of the International Plant Propagators Society Eastern Region. She has published many articles about ornamental bamboo, and in 2013, Reaktion Press UK published her book, Bamboos.



Susanne Lucas



Bamboo (Botanical) (2013)



Susanne Lucas



Tahira Ahmed

Engineered bamboo

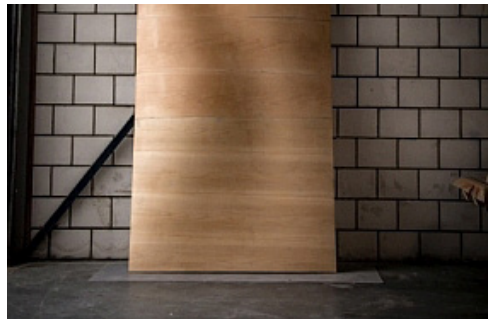
Co-owner

Curve Works, Netherlands

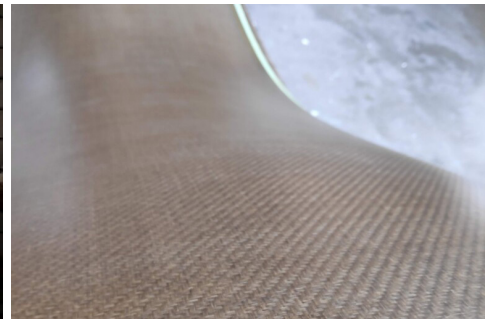
Tahira Ahmed is co-owner of Curve Works and chairwoman of the Dutch trade association CompositesNL. Her speciality lies in fibre-reinforced polymers, or composites, is proud to be supporting the Dutch industry in highlighting the benefits of these materials. Together with her partner, she set up Curve Works in 2017 focussed on manufacturing composite structures in a more sustainable way using adaptive mould technology.



Curved Laminated Wood - Coppice Series



Curved Laminated Wood - Carapace Series



Curved fibre-reinforced sandwich panels - Vulcan Series

Engineered bamboo

Thomas Lambooi

Owner

Dragonwood, Netherlands

With my background in the heavy lift and transport industry I experienced that sustainable alternatives to existing products are becoming increasingly important to insure a bright future for us and for our planet. With the products from Dragonwood made with bamboo, I offer a certified green, sustainable alternative to conservative tropical hardwood, steel and concrete products.



Dragonwood - Crane mats



Dragonwood - Jacking beams



Dragonwood - Marine Decking



Vinc Math

Cultivation

Bamboo Construction Consultant and Fine Woodworker, Germany

German born carpenter Vinc Math works on bamboo projects around the globe teaching local craftsmen the skills to build with bamboo. His bamboo consultancy focuses on innovative construction solutions and educational workshops. Vinc's work ranges from non-profit learning centers in Cambodia, multi-story structures in Indonesia, the award-winning ZCB Bamboo Pavilion in Hong Kong to luxury resorts and restaurant and various other bamboo installations.



Tingirie



ZCB Bamboo Pavilion



Vinc Math



We are thrilled to present an impressive roster of bamboo experts who are eager to share their wealth of knowledge, innovative ideas, and hands-on experience at Bouw met Bamboe!

Our event is designed to cater to both seasoned professionals and curious newcomers alike, ensuring invaluable insights for everyone in attendance. Each speaker brings a unique perspective and a wealth of experience, contributing to a richer understanding of bamboo's potential in sustainable construction and design.

We extend our deepest gratitude to all our speakers for their dedication and passion. Your willingness to share your expertise not only enriches this event but also inspires and educates our community.

A special thank you goes out to our partners and contributors for their unwavering support and collaboration. Your involvement is crucial to the success of Bouw met Bamboe, and we are honored to have you as part of this journey.

Thank you all for making this event possible and for being an integral part of the bamboo movement!



Workshops

Discover the transformative potential of bamboo in our series of workshops led by industry experts.

From hands-on model making to technical classes on structural engineering and practical construction workshops, delve into the art and science of building with this sustainable material at **Bouw met Bamboe!**

Our workshops aim to unlock new skills and insights to shape the future of sustainable architecture and design. Whether you're a seasoned professional or an enthusiastic beginner, there's something for everyone.]

oin us in exploring the incredible versatility and ecological benefits of bamboo, and be part of a movement towards a more sustainable future.

We invite you to learn, create, and innovate with bamboo.



19th June, 2024

Hands-on workshop: **Designing bamboo structures through modelmaking**

+ Workshop

+ Design

Let's switch off our computers, drop our pencils and roll up our sleeves. Today each of us will create a design through the wonderful art of modelmaking.

It can be a design you have been dreaming for a long time that never materialized, or you can simply get started without any preconceived idea and see where the modelmaking journey will take you.

We will provide all the necessary tools and materials. The results will be exhibited during the congress and can of course be taken home afterwards.



Expert:
Olav Bruin

09:00-10:30

- Introduction
- Start of the workshop

10:30-10:45

- Coffee break

10:45-12:30

- Workshop

12:30-13:30

- Lunch

13:30-14.45

- Workshop

14.45-15:00

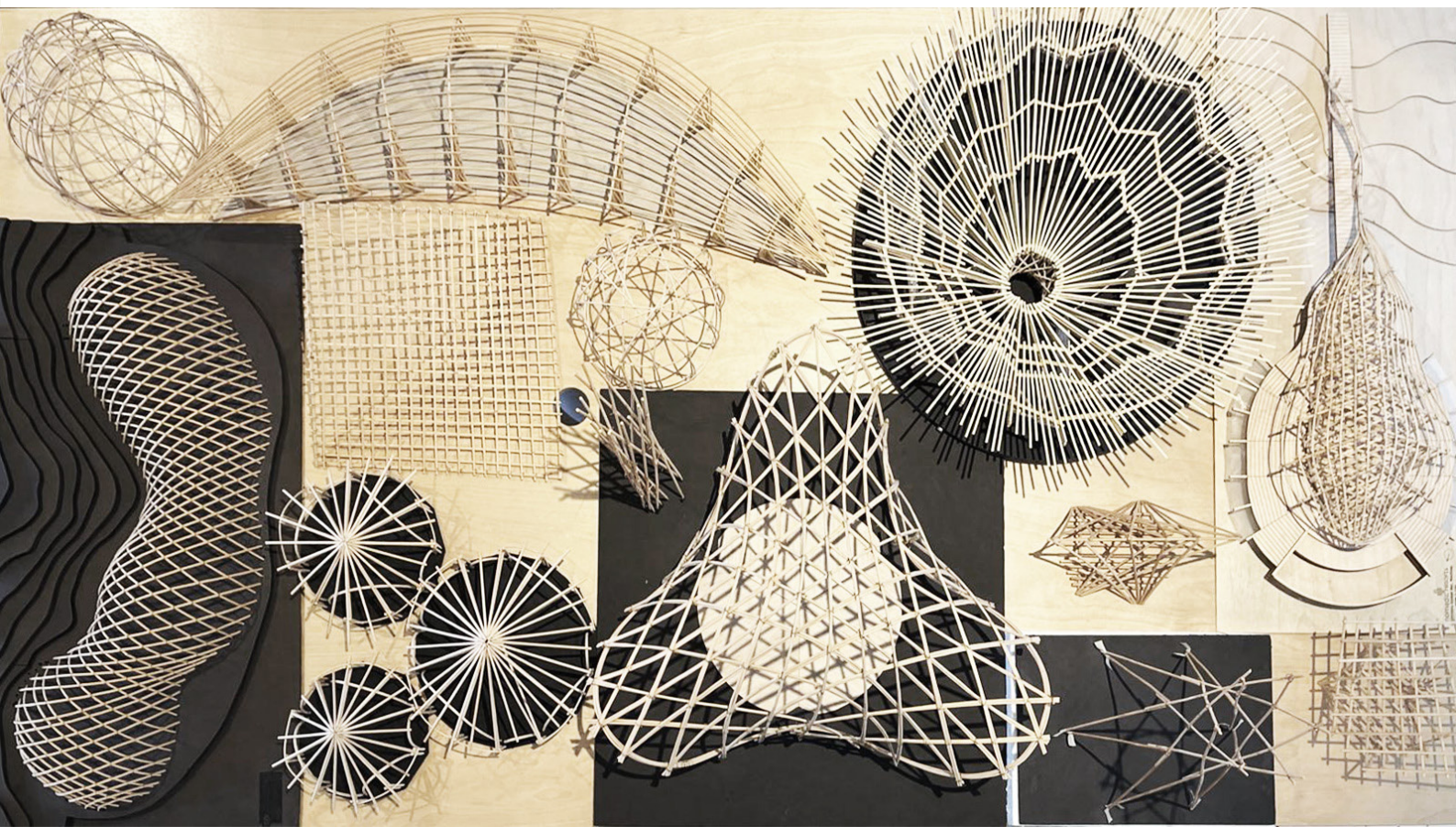
- Coffee break

15:00-16:00

- Finalizing models

16:00-17:00

- Presentations of the models to the group





Workshops

19th June, 2024

Technical class: **Structural engineering with bamboo**

+ Workshop

+ Technical

This day long course is aimed at civil and structural engineers who want to learn more about designing structurally with bamboo in the round.

The course will provide an introduction to bamboo, and cover basic structural design, fire design, design for earthquakes and winds, modelling and analysis, element and connection design, and durability.

Participants receive 3 KE-points (kenniseenheden) for Dutch structural engineering chartership (Constructeursregister).



Experts:

**Sebastian Kaminski,
Luis Felipe López**

09:00-10:00 Sebastian Kaminski & Luis Felipe López
– Introductions
– What do you know about bamboo construction?
– Introduction to bamboo, how it grows, sustainability, codes, mechanical properties

10:00-10:30 Sebastian Kaminski
– Behaviour in fire, earthquakes, winds
– Modelling and analysis

10:30-10:45 Coffee break

10:45-11.45 Sebastian Kaminski
– Durability and preservatives
– Durability exercise

11:45-12.30 Luis Felipe López
– Element design

12.30-13:30 Lunch

13:30-13:45 Luis Felipe López
– Element design exercise

13:45-14:45 Sebastian Kaminski
– Connections
– Connections exercise

14:45-15:00 Coffee break

15:00-16:00 Luis Felipe López
– Shear walls
– Shear walls exercise

16:00-17:00 Sebastian Kaminski
– Procurement, harvesting, seasoning, storage, selection, and disposal
– Bamboo reinforced concrete
– Engineered bamboo products
– Case studies
– Q&A



*The workshop also includes a lunch time talk by Vinc Math about his inspiring works on building with bamboo all across the globe:

"The Power of Hands on learning"

19th June, 2024

Construction workshop: **Building with bamboo**

+ Workshop

+ Construction

Under the guidance of the world-renowned bamboo expert Jörg Stamm and master bamboo carpenter Vinc Math, you will dive into the practical side of bamboo construction by building a full size pavilion. The pavilion is designed as a shading roof structure that celebrates the astonishing potential of leaf like shapes surprisingly made out of straight elements.

These shapes are derived from the geometry of "Ruled surfaces". During the workshop you will learn about the physical characteristics of bamboo, the use of bamboo specific carpentry tools, and some typical construction steps.



Experts:

**Jörg Stamm,
Vinc Math**

Workshops



09:00-10:30

- Introduction
- Start of the workshop

10:30-10:45

- Coffee break

10:45-12:30

- Workshop

12:30-13.30

- Lunch:
*Inspiring presentation by Vinc Math:
"The Power of Hands on learning"

13:30-14.45

- Workshop

14.45-15:00

- Coffee break

15:00-16:00

- Workshop

16:00-17:00

- Evaluation and discussion on final outcome





Exhibitors

Hilti Foundation Schaan, LI

The Hilti Foundation is a philanthropic non-profit organization, aims to enable people in need to become economically independent through their own efforts, allowing them to lead better, self-determined lives.

Website: <https://www.hiltifoundation.org/>



BambooLogic Nijmegen, NL

BambooLogic, the first large-scale and industry-oriented bamboo plantation company in Europe, is planning to plant a few thousands of hectares of bamboo in Europe over the next years.

Website: <https://bamboologic.eu/>



Architecture BRIO Rotterdam, NL

Architecture BRIO creates contextual and sustainable architecture, based on tradition and innovation in a continuously changing world.

Website: <https://www.architecturebrio.com/>



Atelier Nomadic Rotterdam, NL

Atelier Nomadic is the architectural design studio at Nomadic Resorts. The studio specializes in biophilic architecture, regenerative masterplanning and bamboo architecture.

Website: <https://ateliernomadic.com/>



Bamboe Bovenstad Rotterdam, NL

Bamboe Bovenstad was a structure made of bamboo scaffolding, as a labyrinth-like 'city', which was built by scaffolders from Shanghai on top of the monumental university building from 1930 in the Museum Park.

Website: <https://www.hulshof-architecten.nl/>



BambooBuilds Julianadorp, NL

BambooBuilds strives to encourage as many people as possible to build with bamboo. With online bamboo course they offer to learn properties of bamboo and how bamboo serves as a building material.

Website: <https://bamboobuilds.nl/>



Bambooder Amsterdam, NL

Bambooder is the pioneer in mechanically extracting bamboo fibers for high-performance composite applications. They produce fibers without chemical use, paving the way for eco-friendly materials.

Website: <https://www.bambooder.nl/>



Building Bonds, Building Safety Delft, NL

Kika Zdziarska's proposal addresses issue of safety of women in public spaces, is a concept for a network of bamboo pavilions dedicated to women, to enhance their perception of safety within Latin American cities.

Website: <https://repository.tudelft.nl/>



Curve Works BV Alphen aan den Rijn, NL

Curve Works BV is composite materials specialists changing the approach to design and manufacture with an eye on clean technologies and materials.

Website: <https://curveworks.nl/>



Exhibitors



Dragonwood BV Utrecht, NL

Dragonwood BV, ocused on the research, development and implementation of innovative alternatives, is the first to offer a certified alternative to wooden and steel crane mats made from bamboo composite.

Website: <https://www.dragonwood.nl/en/home/>

DRAGONWOOD®
Long Lasting Wood made from Bamboo

Impossible Projects Rotterdam, NL

Impossible Projects' aim is to challenge the conventional notions of architecture and construction in order to create functional structures that blend into their surroundings and have a low environmental impact.

Website: <https://www.impossibleprojects.net/>

**IMPOSSIBLE
PROJECTS**

MOSO International BV Zwaag, NL

With 27 years of experience in the relatively young bamboo industry, MOSO® is recognised as the global A-brand for its focus on sustainability, product quality and innovation.

Website: <https://www.moso-bamboo.com/>

moso®

Mission Playground Assen, NL

Mission Playground is an education, design, and build studio committed to serve as a dynamic catalyst for inspirational initiatives enrich the educational landscape, with a focus on bamboo and elements of play.

Website: www.missionplayground.nl



Nachtlab Agency Amsterdam, NL

Nachtlab Agency is an innovative experiential agency, renowned for connecting clients to culture and uniting audiences. Bamboo plays a significant role in Nachtlab's sustainable and innovative design approach.

Website: <https://www.nachtlabagency.com/>



Natrufiled Architecture Bergen, NL

Natrufiled Architecture is an architecture office that focusses on building with natural materials. These materials include wood, thatch, bamboo and other biobased materials.

Website: <https://www.natrufiled.nl/>



bkvv architecten Utrecht, NL

bkvv architects develops and builds climate friendly buildings and focuses on using smart natural principles to create buildings that are efficient in their energy consumption and enable a comfortable way of living.

Website: <https://bkvvarchitecten.nl/>

bkvv architecten

strito development BV Nijmegen, NL

strito development's mission is to create healthy living environments through the development of living and working areas, with nature as a basis, developing biobased and circular building and living concepts.

Website: <https://www.strito.dev/>

**strito
dev**

Selection of Books

Bamboo Architecture Unboxed by Jörg Stamm & Munir Vahanvati
Bend & Build - Architecture with Bamboo by Chris van Uffelen
Booming Bamboo 2 by Pablo van der Lugt





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European Bamboo Expo 2025

Presented by

City of Dortmund
Economic Development
Agency



Date: May 22-24, 2025

Dietrich-Keuning-Haus, Leopoldstraße 50-58, 44147 Dortmund

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www.europeanbamboexpo.eu

European Bamboo Expo

The European Bamboo Expo and the Sustainable Future of Bamboo

The European Bamboo Expo is a resounding success story. Launched in 2023, the event brought together industry professionals, stakeholders, and decision-makers for the first time, fostering a global perspective on bamboo's potential. Held in Dortmund, Germany, the inaugural expo paved the way for an even bigger and better 2024 edition.

The 2024 expo solidified the event's position as a key meeting point. The theme focused on bamboo as a cornerstone of the circular economy, with a particular emphasis on its role in construction and the food industry. The event aims to bring forward the bamboo industry in Europe, showcasing its versatility and renewability. From architecture and textiles to agriculture and design, attendees witnessed bamboo's exciting possibilities.

Every year, the expo will feature different themes and focuses related to bamboo, highlighting its diverse applications and benefits. The European Bamboo Expo is a chance to be part of the sustainable future. **The next edition is set for May 22-24, 2025**, at the same place, and the call for sponsors, exhibitors, and speakers is open.

Discover how bamboo can revolutionize various industries!

Website: www.europeanbamboexpo.eu



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Website: <https://www.empowermentbamboo.com/>



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**DUTCH
BAMBOO
FOUNDATION**

Dutch Bamboo Foundation

The Dutch Bamboo Foundation (DBF), led by Brian Wennersten, is a pioneering not for profit organization committed to promoting bamboo as a sustainable resource in the Netherlands and beyond. Founded with the mission to harness bamboo's potential for environmental sustainability, economic growth, and social impact, DBF serves as a hub for knowledge, innovation, and collaboration.

The foundation (stichting) engages in various activities, including research, education, and advocacy, to raise awareness about bamboo's benefits. DBF collaborates with researchers, businesses, and policymakers to develop sustainable bamboo industries that can reduce carbon footprints, enhance biodiversity, and provide rapidly renewable materials for construction, textiles, and more.

Education and community involvement are at the heart of DBF's initiatives. In 2023, DBF became a Partner Member of the New European Bauhaus, an initiative of the European Commission. Through workshops, seminars, and hands-on projects, the foundation empowers individuals and communities to adopt bamboo-based solutions. In April 2024, we collaborated with bkvv architecten and Vinc Math to bring the 'Trilix Bamboo Pavilion' to the heart of Brussels for the 2nd edition of the New European Bauhaus Festival. By fostering a culture of sustainability, DBF aims to inspire a new generation of eco-conscious citizens and entrepreneurs.

The Dutch Bamboo Foundation is not just about bamboo; it's about creating a sustainable future. Collectively, we are spurring the next-generation of high-impact nature restoration projects in Europe. Join us in our journey to unlock the full potential of a life-ennobling economy.

Website: <https://www.dutchbamboo.org/>





Rotterdam Architecture Month

The Netherlands' largest architecture festival about the future of the city.

The Rotterdam Architecture Month programme is established each year in close collaboration with dozens of local, national and international initiatives and in and outside of Rotterdam. AIR – Architecture Institute Rotterdam, organizes and facilitates the festival heart and takes care of the communication.

AIR's team consists of eleven people. Leading up to the month in June, the team gets reinforced with freelancers to make the largest architecture festival of the Netherlands possible. The international press coverage is handled by Rotterdam Partners.

The Rotterdam Architecture Month was initiated in 2016 by AIR, Rotterdam Festivals and Rotterdam Partners.

Programma: <https://rotterdamarchitectuurmaand.nl/en/>





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