Nebula

A Built4People Project

Examples of funding pathways

October 2023

Funding story

011h

2018: BOOTSTRAPPING

Amount:
2M€ from its founders.

Purpose:
Launch the company

2020: PRIVATE FUNDING

Amount:
8M€ seed round

Purpose:
Build the team and technology

2022: PRIVATE FUNDING

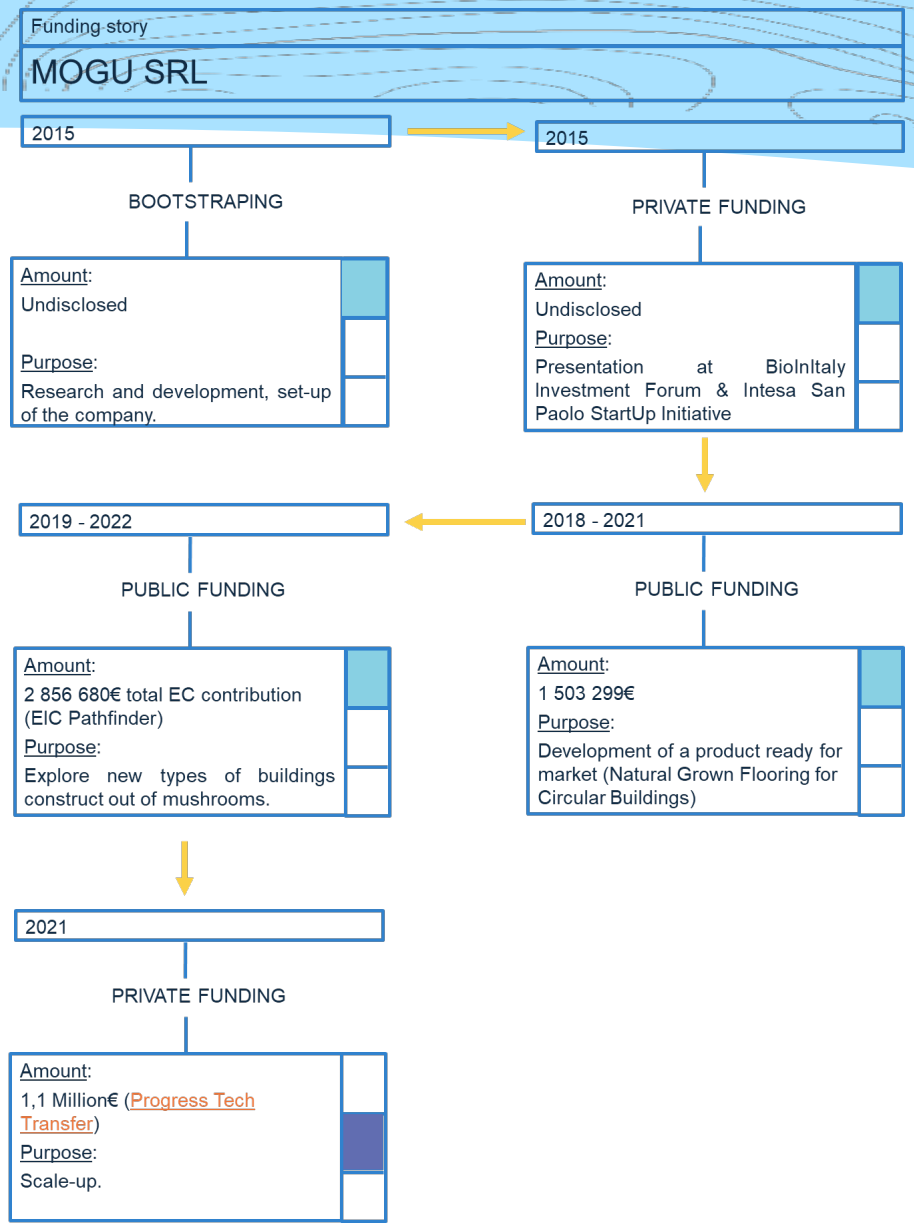
Amount:
25M€ in Series A funding

Purpose:
Develop the 011h's platform and building system, grow the team and strengthen the network of partners

Founded in 2020 **20+ employees**

011h is a Spanish start-up standardising and digitalising the building process to make it repeatable and scalable, while incorporating sustainable and circular principles and materials – like mass timber – and preserving design flexibility. This enables architects, general contractors, real estate developers and investors to design, build and manage better-quality net-zero buildings in a faster, more reliable and cost-efficient way. This aims at making the building process more sustainable, reliable and less expensive.

011h has successfully delivered a major project with Renta Corporación, a publicly-traded developer. The embodied carbon of the building was reduced by more than 90% compared to conventional methods and, additionally, construction timelines have been reduced by 35%. This has clearly impressed residential developers in Spain, as three major projects have been booked to start in the coming months.



mogu
RADICAL BY NATURE

Founded in 2015 **15 employees**

Mogu explores the potential of mycelium-based technologies in diverse application sectors and has developed a range of materials with different performances. Today, it offers the first commercial mycelium-based products on the market, suitable for interior design applications.
Mogu ambitions to craft Its products with the lowest environmental impact possible, to offer radically innovative experiences. Only residues as raw input materials are employed, setting new value for unexploited resources through the skilful action of fungal mycelium.

Mogu carries on complex and iterative R&D projects, allowing to keep on exploring innovative solutions. Being at the frontier of design and technology, they develop meaningful connections with other industries, through research funding or by engaging in co-development projects. They also largely disseminate their ideas and innovations through workshops, museums expositions, architecture conferences etc.

Founded in 2017 **? employees**

INDRESMAT is an International chemical startup that aims at redefining buildings and houses envelopes to reduce their direct and indirect CO_2 emissions through the improvement of the thermal insulation performance while decreasing the footprint of the employed materials.

The company relies on its multidisciplinary team, its exclusive know-how in bioPUR chemistry, product design and technology engineering to disrupt the construction market.

As an international company, INDRESMAT has succeeded in being financially supported by international (European Innovation Council), national (National Spanish Innovation Agency) and local agencies (Regional innovation Agencies of Catalonia and Limburg). Its R&D activities developed through many public funded and collaborative projects (Horizon 2020, EIC Pathfinder, INNOSUP, Interreg etc.) It also benefited from the Metabuilding seed call., a cascade funding call.

Funding story

INDRESMAT

2017: BOOTSTRAPPING

Amount:
2M€ from its founders.

Purpose:
Launch the company

2017: PRIVATE FUNDING

Amount:
Accelerator programme VIA GALICIA

Purpose:
Mentoring programme

2018: PRIVATE FUNDING

Amount:
Accelerator programme Geleen

Purpose:
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2019: PUBLIC FUNDING

Amount:
71429€ - SME Instrument: EXTRU-PUR project

Purpose:
Feasibility study and market prospection

2019: PUBLIC FUNDING

Amount:
71429€ - SME Instrument: SAFE-PUR project

Purpose:
Feasibility study and market prospection

2019: PUBLIC FUNDING

Amount:
3M€ (total)

Purpose:
Regional collaborative project in Eindhoven "Doing more with Lignin"

2019: PUBLIC FUNDING

Amount:
250k€/500k€ (CDTI call)

Purpose:
Implementation of a manufacturing pilot plant

2020: PUBLIC FUNDING

Amount:
100k€ (ACCIO call)

Purpose:
Accelerate market arrival of Polyurethane windows through marketing actions

2020: PUBLIC FUNDING

Amount:
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Purpose:
Participation in the EU acceleration programme INVESTHORIZON

2020: PUBLIC FUNDING

Amount:
414 107€ (Industrial Leadership, EC project MEZeroE

Purpose:
Platform for innovative envelopes for low-carbon buildings

Funding story

MATERRUP

2018: BOOTSTRAPPING

Amount:
Undisclosed
Purpose:
Launch the company

2018: PUBLIC FUNDING

Amount:
Undisclosed
Purpose:
Regional grant to buy the first machine of the R&D centre

2020: PRIVATE FUNDING

Amount:
1,2M€
Purpose:

2021: PRIVATE FUNDING

Amount:
500 000€ (from France Relance)
Purpose:
Improvements of the factory

2022: PUBLIC FUNDING

Amount:
Undisclosed (EIC Accelerator)
Purpose:
Scale-up of the factory and implementation in other EU countries.

Founded in 2018

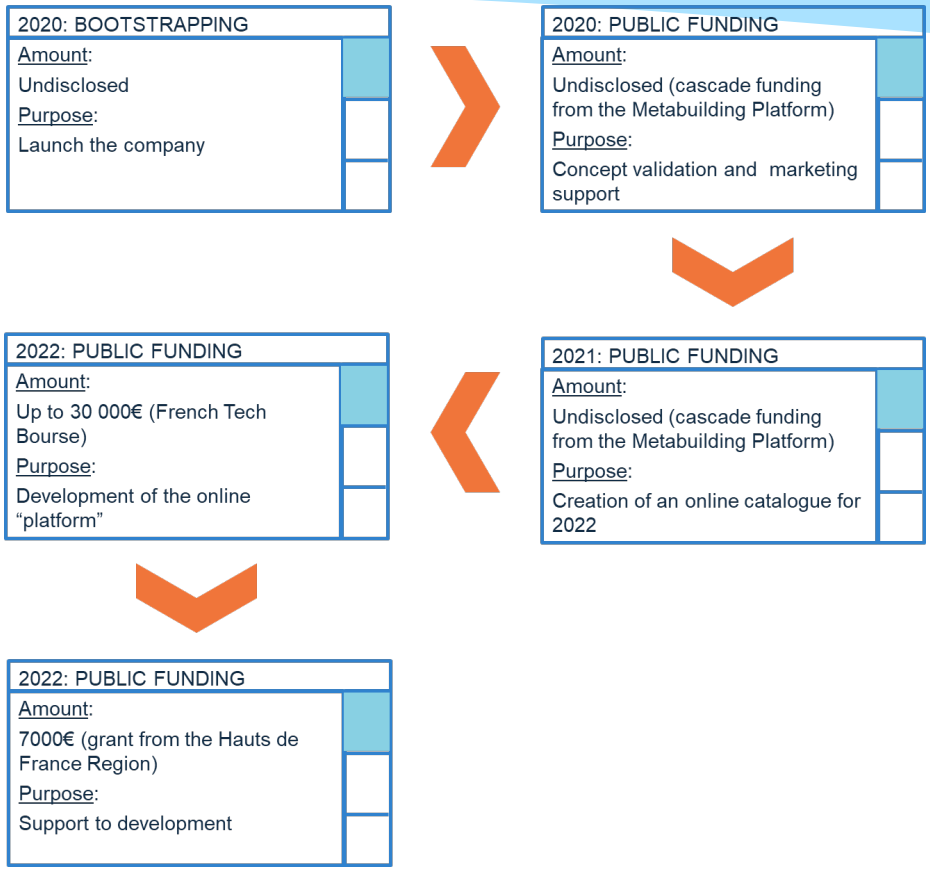
15+ employees +15 opened recruitments

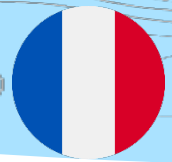
The revolutionary idea of MATERRUP is the development of small factory units, that can easily be plugged on a territory with an existing industrial base and companies from the built environment.
MATERRUP is a French company created four years ago by Mathieu NEUVILLE, on a trestle table. In less than a year, its founders have developed a research centre in an incubator, et their first factory (in 9 months). The technology arrived at maturity after only two years of development. It is certified by the CSTB (French Scientific and Technical Centre for Building) and is protected by more than 40 patents.

MATERRUP has been awarded with many labels from the French Tech network thanks to its versatile solution (short circuit, green tech, deep-tech). These labels are well recognised by Venture Capitals and public funders and have strongly facilitated the several fund raisings of the company.
Another success factor has been the good connection of MATERRUP with the Pau university. Together in 2021, they have created and co-founded the industrial chair CONSTRUCTERR, which is the first European industrial chair in the construction sector.

Funding story

MODULOOP





moduloop
circular workspace

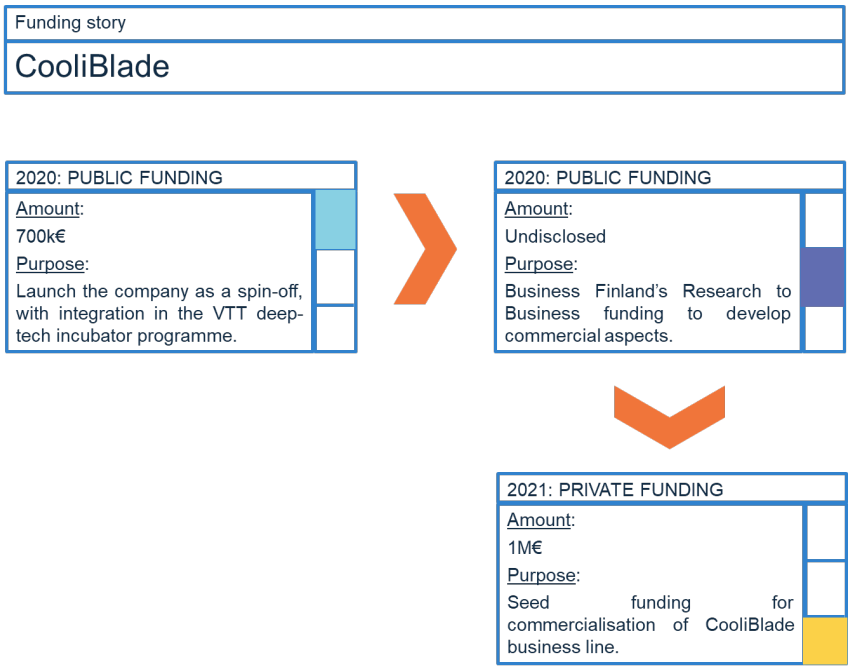
Founded in 2020 **3 employees**

Moduloop aims at simplifying and supporting the sustainability of offices' interior design. The concept promotes the circularity of offices, through the development of sustainable and transformable furniture that can easily be changed and exchanged between companies.

The furniture is designed and produced in Europe, with the support of local craftsmen and associations promoting professional integration.

The company has won two prices thanks to cascade funding and the METABUILDING platform, which confirmed its founders that there is a real need on the market.

Furthermore, MODULOOP is strongly anchored locally, being incubated at the village by CA in Mulhouse.



Founded in 2020 **? employees**

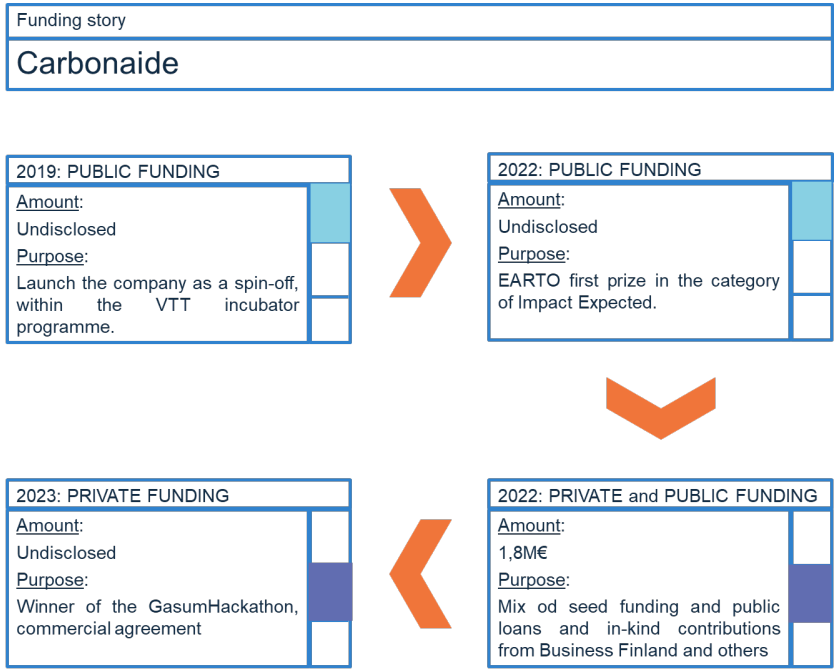
CooliBlade is a spin-off from VTT that has developed a next generation thermal management solution provider for high-power electronics. It applies to industrial IGBT, 5G telecommunications, COB LED lighting, energy, e-mobility and special electronics.

A first patent was already filled in 2019, before the spin-off beneficiated from the TVV LaunchPad incubator services. Since then, different products have been developed and launched successfully.

As a spin-off from a leading Finnish research centre, CooliBlade has beneficiated from VTT's network and visibility and collaborates closely with the market leading companies.

Carbonaide

Founded in 2020 **3 employees**



As concrete is one of the largest single sources of CO_2 emis
sions, VTT's researchers have developed a solution for manufacturing carbon negative concrete products. They achieve carbon negativity by combining an efficient carbonation process with low-carbon binders.

VTT has studied concrete structures throughout its 80-year history. It was at the forefront of research in 2016, when it was working on the value chain and utilisation of biogenic carbon dioxide in a European Regional Development Fund project.

The study progressed into the simulation phase, and its results were reported in the BioCO2 seminar in 2018. The idea was then pushed forward when the concept was presented to the VTT Board. The Carbonaide team therefore received support from the VTT LaunchPad spin-off incubator for the process of turning from researchers to entrepreneurs and for securing funding. In 2019, Carbonaide demonstrated how to produce carbon negative concrete by carbonating steel industry slags and side-streams from the paper industry.