

Public Private Purpose Platforms

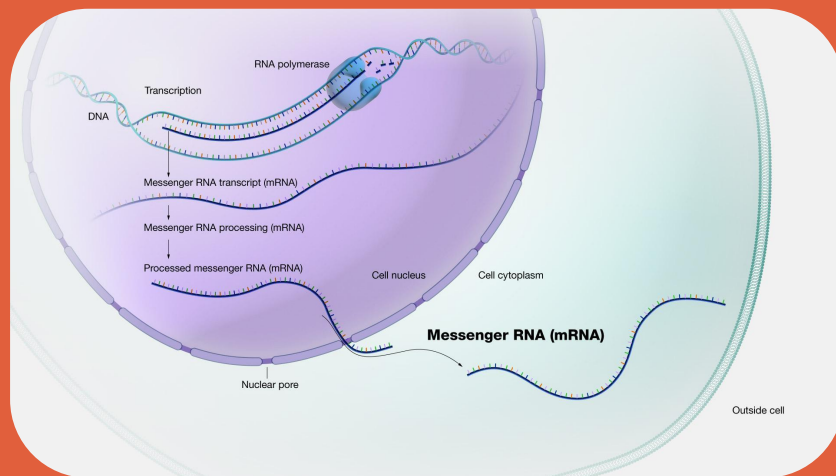
유럽 사례: 글로벌 ESG 기업

플라스틱 제로 사회를 위한
2022 제주플러스 국제환경 포럼

Session 3 – 기업의 미래와 ESG

Sanyu Karani
Co-Founder, Marketplaces
FundingBox

중력파와 바이오텍의 공통점이란?



펀딩 트렌드



차세대 EU

공공 자금

코로나 회복을 위한
투자 (€8,069억)



벤처 캐피탈 (VC) 2.0

모두에게 열린 자금
한 SPV에 2.500 GBP



EIC 우크라이나

재난을 위한 자금

200여 스타트업에 20 M€

Public Private Purpose Platform: Tech Match: 새로운 시대 건축산업의 디지털 혁신

Realdania

도전:

유럽기술스타트업 및 중소기업 협력으로 건축산업을 디지털 방식으로 전환 및 적용

TECH MATCH

협력:

3 Batches of Open Calls 통해 15개 스타트업과 15개 중소기업의 협력

총 투자금액:

2020 & 2022년 2 Mio €¹

중소기업당:

100K €

Realdania의 지속가능발전목표



TECH MATCH

techmatch.fundingbox.com/

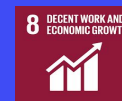


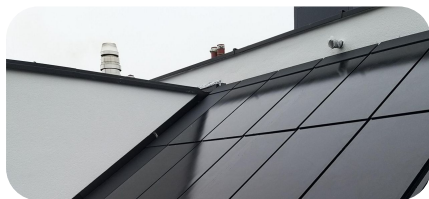
“유럽에서 최고의 기술을 가진 스타트업과 연결해주는 FundingBox와 협력하게 된 것을 영광이라고 생각합니다.”

Simon Kofod-Svendsen, Realdania

[Link to article](#)

TechMatch의 지속가능발전목표





SUNBIRD – 지속가능한 태양 전지를 활용한 지붕과 주택에너지협회

Ennogie ApS (덴마크) + Inwebit (폴란드)



Challenge

Developers and housing associations increasingly wish to build sustainably. Roof replacements are only done every 30-50 years, making it imperative to choose sustainable solutions today rather than tomorrow.



Innovation

The integrated solution combines digitalization, building materials, and financing, and makes it possible to offer developers and housing associations a free roof replacement to a sustainable and active roof.



Solution

Ennogie's smart meters collect, distribute, and settle production- and consumption data from the electricity production of the roof and the subsequent distribution to the individual housing units. All of this is available through a user interface.



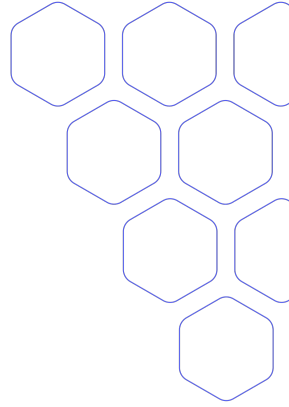
Impact

The solution can help accelerate the green transition in the built environment by making the solar cell roof an independent economic unit. By choosing a sustainable roof, the total carbon footprint of the building will be reduced, and the solar cell roof pays for itself at the same time.



BioBased Plastic Distance Blocks - 건축산업

Havnens Hænder ApS & POND A/S



Challenge

The building industry uses an enormous amount of plastic distance blocks. No one has yet tested biobased plastic in the building industry, and therefore there is no solid and valid reference foundation for the use of it.



Innovation

Havnens Hænder and POND collaborate to make a biobased plastic distance block. POND has developed a new kind of biobased plastic and will be testing the bio-based plastic for the distance blocks.



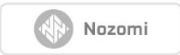
Solution

The solution replaces conventional plastic distance blocks in the built environment with biobased and biodegradable plastic distance blocks, which over time will become part of the cycle of nature.

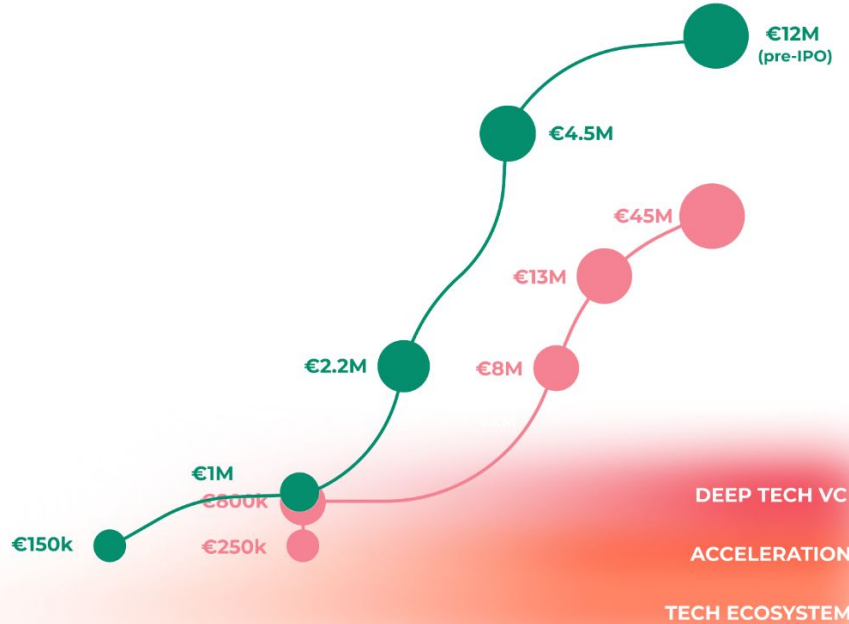
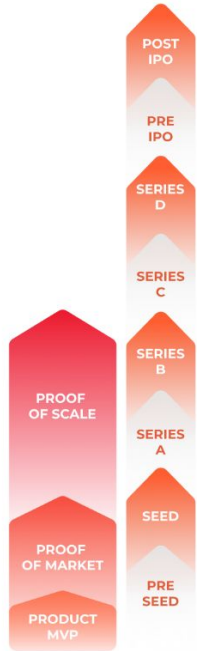


Impact

The solution helps the green transition by replacing oil-based plastic with biobased plastic.



FundingBox Champions



Clarity AI

Country	Spain / USA
Program	Impact 2017
Industry	Sustainability / Fintech
Grant	€250k
Total Raised	€65M

[See more](#)

Ennogie

Country	Denmark
Program	Incence 2015
Industry	Green Energy
Grant	€150k
Total Raised	€12M

[See more](#)

2012



OpenAxel

2013



Impact

2014



Incence

2015



Impact PL

2016



Impact Growth

2017

2018



FundingBox Deep Tech Fund

2019

2020



FundingBox Deep Tech Fund

2021

2022

FundingBox Deep Tech Venture Ready Marketplace

제주특별자치도와 FundingBox 의 공통점은?

Self-governance

외부 기관의 개입 없이 개인 또는 집단이 필요한 기능을 스스로 수행할 수 있습니다.

Self-sovereign identity

개별적으로 디지털 신원을 스스로 결정하고 관리할 수 있습니다.

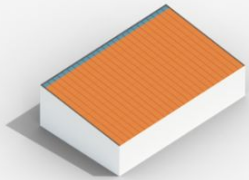
OnePass (FundingBox 펀딩여권)는 투자자, 수여기관, 교육기관 및 그 외 기관에서 제공하는 펀딩 절차를 간소화 할 수 있도록 기업의 고유 ID 를 제공하는 SSI 지갑 입니다.

개인정보보호 및 SSI 원칙을 기반으로 구축된 여권은 기업 데이터를 통해 자격요건을 자동으로 검토하고 공공 및 민간 투자 기회를 신청할 수 있도록 합니다.



 OnePass

One-sided

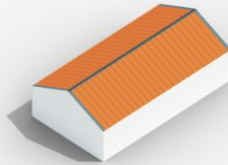


Total yearly production
23.000 kWh



Price of solar roof
50.000 Euro

Gable roof

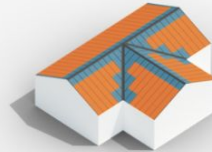


Total yearly production
20.000 kWh



Price of solar roof
48.000 Euro

T-shaped roof

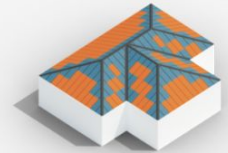


Total yearly production
14.000 kWh



Price of solar roof
48.000 Euro

Hipped T-shaped roof



Total yearly production
11.000 kWh



Price of solar roof
50.000 Euro



Technical Data Sheet Pond Cycle® FIM series

Revision date: 21.05.2021

Description

The Pond Cycle® FIM series is fully biobased resin with embedded natural fibres. It is a low to medium flow thermoplastic suitable for injection moulding. The flow will depend on the type and amount of natural fibres embedded in the resin.

The Pond Cycle® IMF105 resin used in the FIM series is designed to form covalent bonds to all sorts of natural fibres to make the resin applicable across climate zones, where the availability of natural fibres will vary. It is processable at a relatively low temperature, which enables the processing of the fibre-filled resin without degrading the natural fibres, even in oxygen containing atmospheres.

The operational temperature is from -20° C to 90° C, depending on the processing.

Table with properties

Physical properties	Method	Typical value
Density	ISO 1183-1, Method A	1.1-1.4 g/cm ³
Melt Flow Index (180° C, 2.16 kg)	ISO 1133, Method A	Depends on fibre
Glass transition temperature	DSC	50-60° C
Crystallinity	DSC	Up to 35%
Melting point	DSC	160-175° C

Mechanical properties ^a						
	Method	Flax fibres	Hemp	Wood powder	Bamboo	Flax shives
Elastic modulus (GPa)	ASTM D638	6.5-7	6-6.5	5-6	6-6.5	5-6
Tensile strength (MPa)	ASTM D638	60-65	55-60	55-65	50-60	50-55

^aAll mechanical properties are measured at a fibre content of 30 w/w%.