



# OBSERVATORY ON PATENTS AND TECHNOLOGY

## DRIVEN BY EXPERTISE FOR A DEEPER UNDERSTANDING OF THE FUTURE OF INNOVATION

PERE ARQUE CASTELLS | STREAM LEADER FOR LEGAL AND INNOVATION POLICIES | 26 OCTOBER 2023

## MISSION

**Help build a sustainable future for innovation by broadening outreach and improving access to IP and technology knowledge**



**1**

**Positively impact  
the innovation  
ecosystem**



**2**

**Contribute to  
societal change**



**3**

**Bring peripheral  
subjects closer  
together**

## GUIDING PRINCIPLES

- **Collaborate** closely with stakeholders
- **Evidence-based** approach drawing on clearly sourced data
- **Generate intelligence** to support discussions based on hard facts



## THREE STREAMS

### Stream 1

#### Technology intelligence

Identifies critical technology developments and how to bring innovative solutions to market

### Stream 2

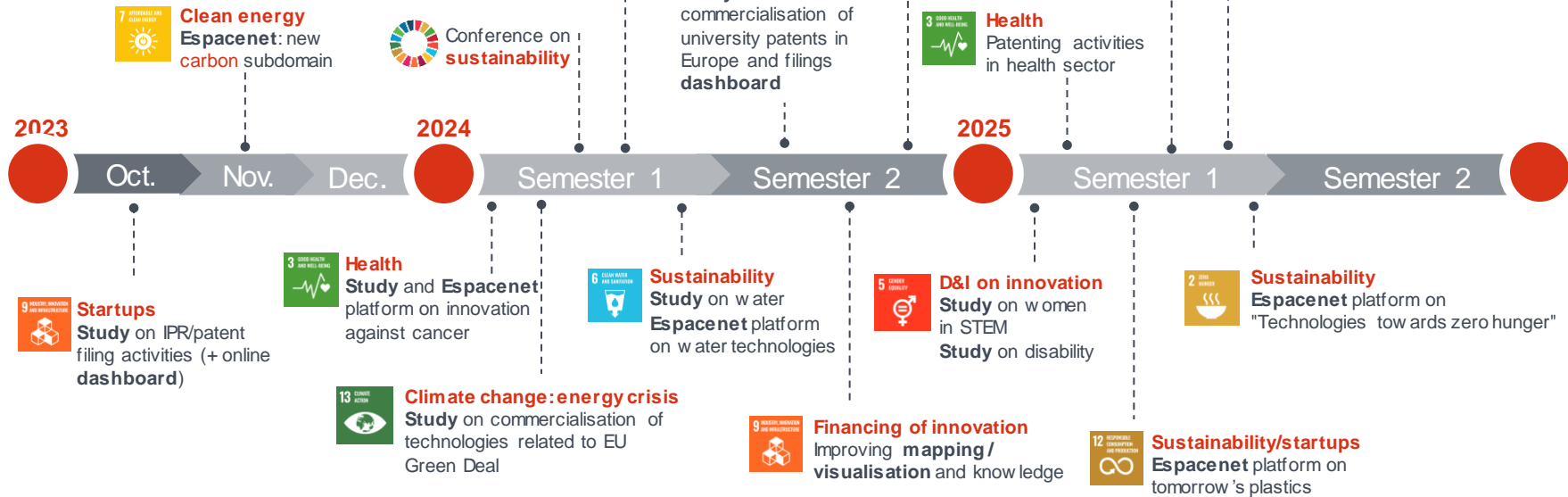
#### Legal and innovation policies

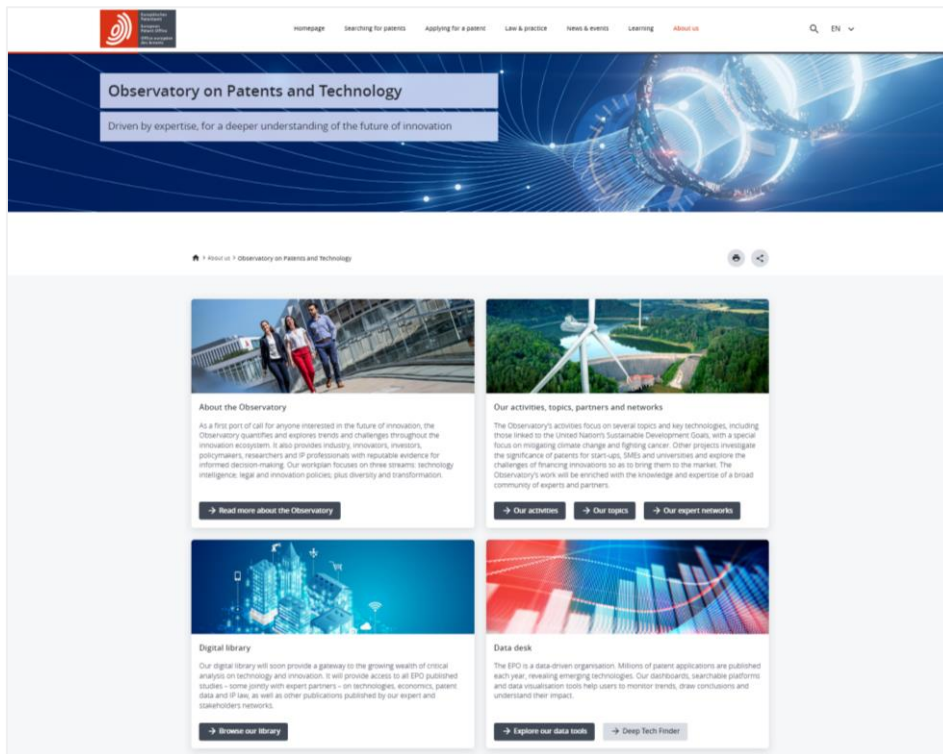
Addresses hotly debated topics e.g. patent activity in medical sector, relationship between standardisation and patents etc.

### Stream 3

#### Diversity and transformation

Gives non-specialist audiences deeper understanding of innovation/ patent system





The screenshot shows the homepage of the Observatory on Patents and Technology. At the top, there is a navigation bar with links: Home page, Searching for patents, Applying for a patent, Law & practice, News & events, Learning, and About us. A search bar and language selector (EN) are also present. The main header features the title 'Observatory on Patents and Technology' and the tagline 'Driven by expertise, for a deeper understanding of the future of innovation'. Below this, a breadcrumb trail indicates 'You are here: Home / Observatory on Patents and Technology'. The content area is divided into four sections:

- About the Observatory:** Describes the Observatory's role in quantifying and exploring trends and challenges in the innovation ecosystem. It provides industry, innovation, investor, policymaker, researcher, and IP professionals with reputable evidence for informed decision-making. The workshop focuses on three streams: technology intelligence, legal and innovation policies, plus diversity and transformation. A button 'Read more about the Observatory' is provided.
- Our activities, topics, partners and networks:** States that the Observatory's activities focus on several topics and key technologies, including those linked to the United Nations Sustainable Development Goals, with a special focus on mitigating climate change and fighting cancer. Other projects investigate the significance of patents for start-ups, SMEs and universities and explore the challenges of financing innovations to bring them to the market. The Observatory's work will be enriched with the knowledge and expertise of a broad community of experts and partners. Buttons for 'Our activities', 'Our topics', and 'Our expert networks' are provided.
- Digital library:** States that the digital library will soon provide a gateway to the growing wealth of critical analysis on technology and innovation. It will provide access to all EPO published studies - some jointly with expert partners - on technologies, economics, patent, data and IP law, as well as other publications published by our expert and stakeholders networks. A button 'Browse our library' is provided.
- Data desk:** States that the EPO is a data-driven organisation. Millions of patent applications are published each year, revealing emerging technologies. Our dashboards, searchable platforms and data visualisation tools help users to monitor trends, draw conclusions and understand their impact. Buttons for 'Explore our data tools' and 'Deep Tech Finder' are provided.



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## Explore deep tech in Europe

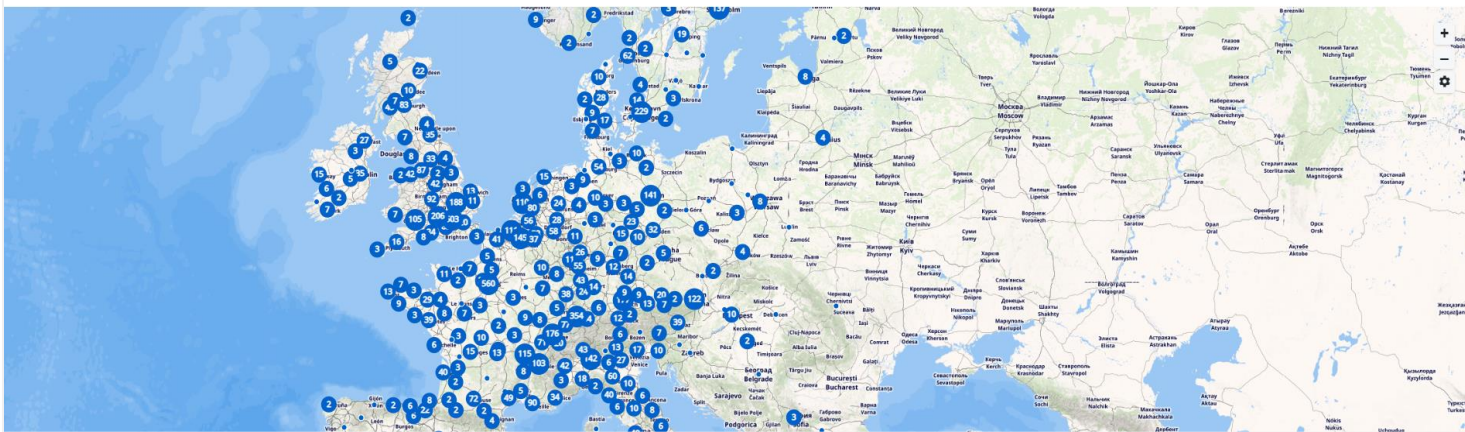
Our **Deep Tech Finder** helps you find investment-ready European startups with patent applications at the EPO. Set your preferred filters and browse the map or search by company or investor's name. Once you add a startup to your list, you can learn about their applications and granted patents. See the [FAQ](#).

[Startups and patents](#)
[Startup name](#)
[Investor name](#)

Country 0 Growth stage 0 Industry 0 Patent technical fields 0 ☐ Only granted patents

Search

Showing 7687 startups



<https://epo.org/deep-tech-finder>





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## Explore deep tech in Europe

Our **Deep Tech Finder** helps you find investment-ready European startups with patent applications at the EPO. Set your preferred filters and browse the map or search by company or investor's name. Once you add a startup to your list, you can learn about their applications and granted patents. See the [FAQ](#).

[Startups and patents](#)
[Startup name](#)
[Investor name](#)

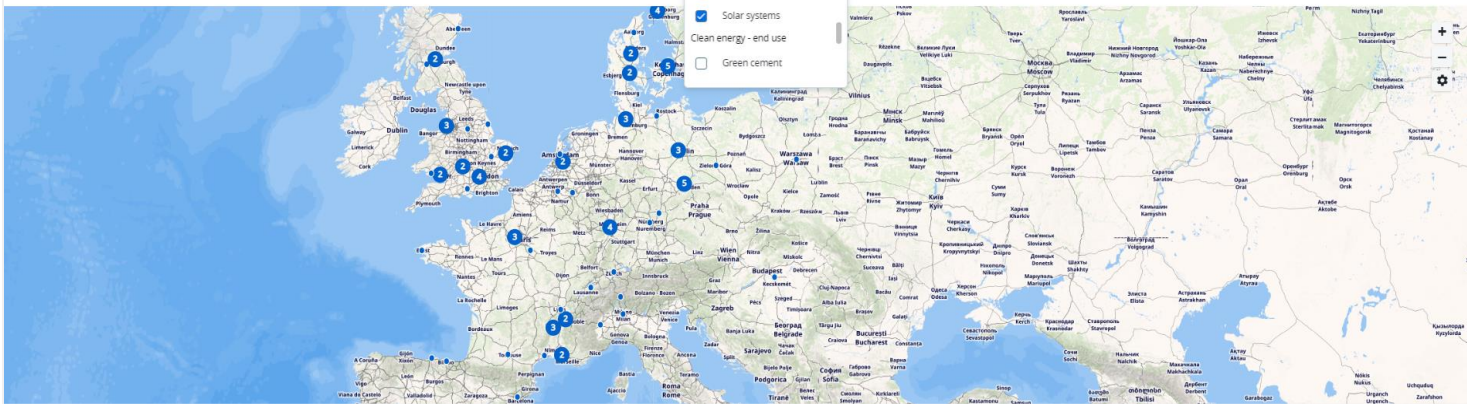
Country **0** ▼
 Growth stage **0** ▼
 Industry **0** ▼
 Patent technical fields **3** ▲

☐ Only granted patents

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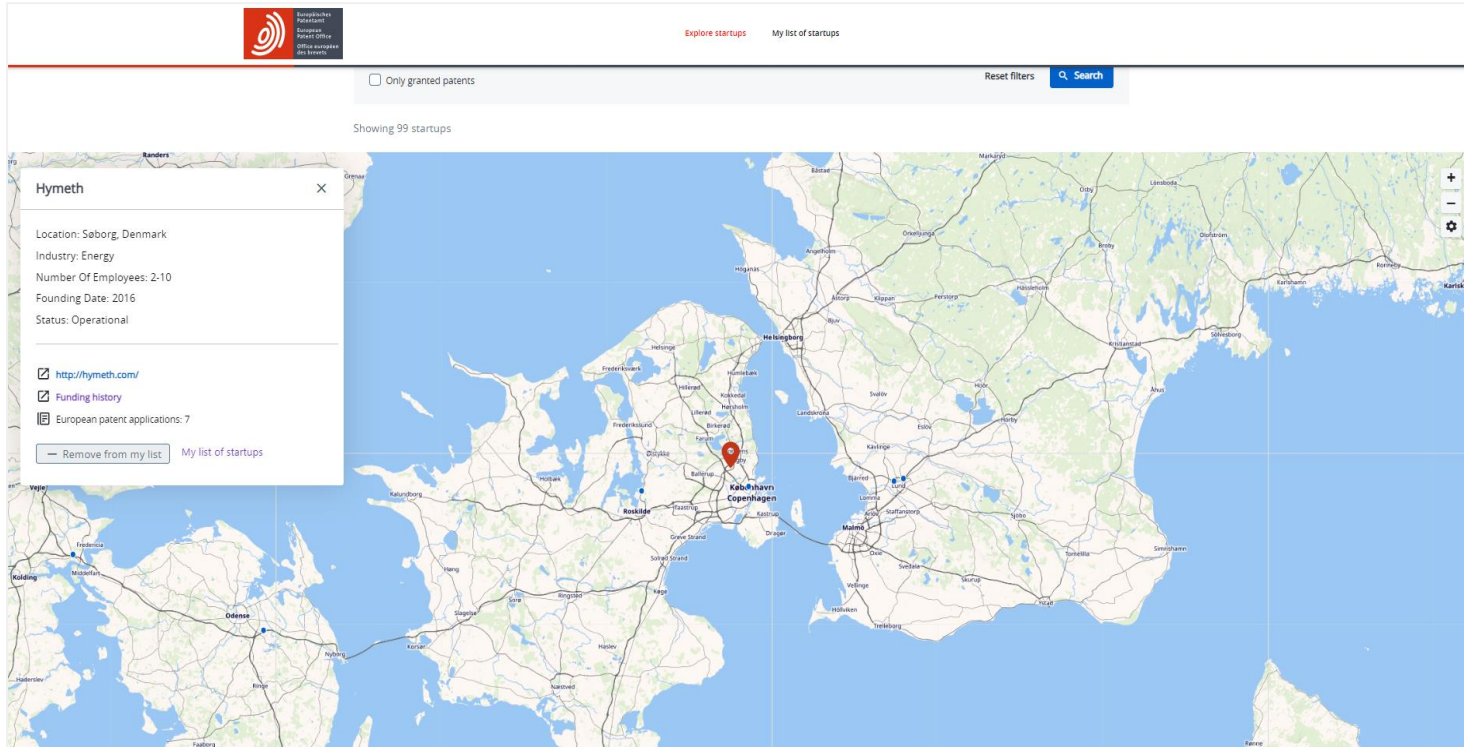
- Clean energy - production
  - ☒ Electrolysis
  - ☒ Offshore wind energy
  - ☒ Solar systems
  - ☐ Clean energy - end use
  - ☐ Green cement

Showing 99 startups




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 Knowledge base

Companies > Hymeth
 



## Hymeth

The combination of the words hydrogen and methanol specifying Hymeth's core technology in the sustainable production of these gases.

Launch date **2016**  
 Employees **2-10 people**  
 Ownership **venture capital, accelerator**  
 Market cap **-**  
 Net debt **-**  
 Firm valuation **€3-4m** (Dealroom.co estimates Oct 2021.)  
 Company register number **37402729**  
 Søborg Capital Region of Denmark (HQ)  
<http://hymeth.com/>

H2O
 S manufacturing
 S commission
 energy
 oil & gas
 clean energy
 energy storage

deep tech

sustainable development goals
 climate tech
 hydrogen
 novel energy
 hydrogen novel energy

affordable & clean energy (#7)
 climate action (#13)

47

Dealroom.co signal

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### FINANCIALS

EUR	2017	2018	2019	2020	2021	2022
EBITDA	-	-	<1m	<1m	<1m	<1m
Profit	<1m	<1m	<1m	<1m	<1m	<1m

### HYMETH FUNDING

DATE	INVESTORS	AMOUNT	ROUND
-	Sustainable Energy Angels	N/A	Not yet verified
Sep 2020	EIT InnoEnergy	SEK3.5m	Seed
Jan 2021*	Antler	N/A	Not yet verified
Oct 2021*	Antler	\$750k	Seed
<b>Total Funding</b>		<b>€1.1m</b>	


### HYMETH INVESTORS

### ANALYTICS

Unlock the full power of analytics with a premium account

- Track company size and historic growth
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### TECH STACK



Explore startups

My list of startups

## My list of startups

Hymeth			-
Patent technical fields <span>2</span>		Remove startup from my list	
Title	Filing Year	Patent granted	
Method And System For Producing A Gas Mixture	2017	N	
Electrode For An Electrolysis Process	2017	Y	
Method Of Producing An Electrocatalyst	2017	Y	
Pressure Compensating System And A High-Pressure Electrolyser System Comprising The Same	2018	Y	
Cooling Plate Assembly And An Electrolyser Stack Comprising The Same	2018	N	
Rack-Mount Box For A Heat-Emitting Device	2018	N	
Method And System For Producing A Gas Mixture	2018	N	
Method Of Producing An Electrocatalyst	2018	Y	
Electrode System	2019	N	
Synthetic Hydrocarbon Gas Production System And Method	2019	N	

1 of 2

# THANK YOU

