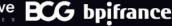


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Jean-David Malo, Director. **European Innovation** Council (EIC) and SMEs Executive Agency (EISMEA)

### Foreword by Jean-David Malo

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The role of research and innovation is highly important, considering that Europe is emerging from the worst economic crisis in recent times. Europe faces a lot of challenges related to the Covid-19 pandemic, and the transition to a fair, sustainable, climate neutral, and digital economy. The solution is disruptive innovations and novel technologies. Yet only 5% of the European scale-ups pursue the position of world tech leaders. In this context, the EIC aims to alleviate the currently high growth barriers for high-risk innovators, and to leverage the emergence of future European deep-tech global leaders.

Through the EIC ScalingUp project the EIC supports high-growth, highpotential companies with visionary ideas, disruptive technologies, and the ambition to grow exponentially in Europe and globally.

As fairness and equity are in the heart of EIC's vision, the project will actively include women-led start-ups, as well as from different innovation performance regions, thus contributing to reduce the innovation divide in Europe.

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### What is **EIC ScalingUp?**

EIC ScalingUp is a project dedicated to creating a model for European deep tech Series B/C companies funded by the European Innovation Council (EIC) to scale beyond Series B and to connect with strategic investors and partners for success and impact.

The EIC has a budget of €10.1 billion to support, finance and scale up SMEs with game changing innovation.

The best 50 European Deep Tech EIC Beneficiaries were selected (out of 3.000+) for the EIC ScalingUp TOP50 in 3 Tracks: Digital, Health, Sustainability.







30 of them will benefit from the FREE 1 year-long EIC ScalingUp Growth30 programme including:



#### Growth

access to investment, partnerships, markets and talents



#### Insights

on key challenges in groups of fellow entrepreneurs and experts



#### Visibility

across Europe and internationally through 40+ pitch sessions in 2022; large-scale media & PR



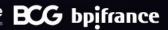
#### **Contacts**

with 100+ strategic investors and corporates & governmental partners









# FIC ScalingUp

# **TOP50 Companies: The List**



# **FIC**ScalingUp

# "Welcome

We congratulate the EIC ScalingUp TOP50 companies. The findings are impressive:

### 1 The EIC crowds in investment

The EIC ScalingUp TOP50 already raised a total of EUR 1.29 Billion or an average of EUR 25.8 Million per company, of which 84.3% came from investors other than the EIC.

### 4 Important geographic disparities remain

Northern and Western European TOP50 companies attracted more funding than companies in Southern or Eastern Europe.

### 2 The EIC accelerates investment

The TOP50 raised **57**% of its investments in the past 21 months (2020 or 2021 up to the end of Sept 2021)

### 5 Women entrepreneurs are on board

**42**% of the TOP50 have women founders, leaders or executive managers. This is much higher than the VC portfolio average.

### 3 Deep tech sector dynamics differ

The average funding so far raised by the digital companies is **40**% higher than the average of the companies in health or sustainability.



"

William Stevens
Managing Director
Tech Tour



### **Summary Impact Data**

\*1.11.2021





Average Raised Per Round



€25,8M

€5,5M



€ Billion Total Raised



Jobs Created





digital health sustainability

**Click here** to full Impact Data \*Will be updated every 3 months





### **TOP50 Selection Process**

The TOP50 was selected out of a universe of 3,000+ companies, as funded so far by the European Innovation Council (EIC)



#### 1. Identify

Tech Tour identified a long list of companies from the Universe that met the **financial criteria** using publicly available data sources (notably Dealroom):

- Funding raised > €6 million
- or > €10 million valuation



#### 2. Select

The Selection Committee members voted independently for 20 companies considering the following **business criteria**:

- Deep tech innovation that disrupts existing markets
- Potential to scale and expand in new markets
- Fundraising potential for series B or C in the next 2 years



#### 3. Vote

Companies with the most votes were automatically included in TOP50



#### 4. Discuss

The Selection Committee members discussed the remaining TOP50 spots while considering gender and geographic diversity



### **TOP50 List**

#### **DIGITAL**

Almotive		Codasip	<b>-</b>	CREAL	<b>O</b>	Cubbit		EFFECT Photonics	
FMC	•	Greenwaves Technologies		Heart Aerospace	•	IQM Quantum Computers	+	LightSpace Technologies	
Katana		MyDidimo	(1)	NIL Technology	<b>(</b>	Outsight		Pasqal	
Satlantis		SMART Photonics		Unbound technologies	*	USound		Yousician	+
HEALTH									
Carthera	()	CorAssist	*	Croivalve		ENYO Pharma		Indigo Diabetes	
OneProjects		Kheiron Medical Technologies	4 <u>b</u>	Quibim		Resistell	0	SamanTree Medical	0
S-Biomedic		Signum Surgical		TechsoMed	*	TreeFrog Therapeutics		Vivasure Medical	
SUSTAINABILITY									
Aeinnova		Crystalsol		Deep Branch Biotechnology	4 b	Econic Technologies	<b>⊕</b>	Epishine	<b>(</b>
Greenbird Integration Technology	<b>#</b>	KEYOU	•	Lactips		Lancey	()	Lightyear	
Minima	+	Photanol		PHYSEE		Sulapac	<b>←</b>	VoltStorage	

# FIC ScalingUp

### **Digital Track**





Automated driving technology provider





Distributed, encrypted, green cloud storage, supporting deep tech R&D



Greenwaves Technologies

Fabless semiconductor company designing disruptive ultra-low power embedded solutions





Design microprocessors - simpler, faster, and cheaper







Fiber-optic communication systems based on Photonic Integrated Circuit technology





Electric regional airliner certified for passenger flight by 2025







Near-eye light-field display: true optical depth & immersion into VR & MR







Extremely efficient non-volatile storage solutions to the semiconductor industry







European leader for superconducting quantum computers

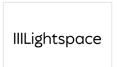


### **Digital Track**





Smart manufacturing and inventory software for direct-to-consumer businesses



**LightSpace Technologies** 



Volumetric, multi-focal and holographic technologies adding true sense of reality







Platform allowing to generate highquality real-time humans or avatars





Replication of micro- and nanostructures for advanced high-tech components



smart machines



Outsight brings Full Situation Awareness to





Programmable quantum simulators & computers made of atomic arrays





Constellations of microsatellites for scientific and commercial applications



**SMART Photonics** 



Foundry for production services for Indium Phosphide based photonic component



Unbound Technologies 7



Securing enterprise cryptographic infrastructure



### **Digital Track**



MEMS speakers for a superior audio experience



Revolutionary platform to learn and play music





Developer of medical devices to treat brain disorders





Therapeutic products for treating Heart failure with preserve ejection fraction



Unique transcatheter device to repair the tricuspid valve



Clinical stage biotech with an innovative approach inspired by viruses



Develops invisible sensors for people living with diabetes



Kheiron Medical Technologies

Helps radiologists detect breast cancer earlier using deep learning

# FIC ScalingUp

### **Health Track**







Connected platform technology for atrial fibrillation & cardiac arrhythmias treatment





S-Biomedic brings novel solutions to the skin microbiome



TechsoMed

\*

Real time Predictive visualization of true ablation damage





Whole-body medical imaging analysis



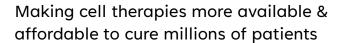




Medical device to acquire tissue images during surgical cancer intervention











Rapid AST diagnostic device using bacterial





New technology to tackle a delicate colorectal problem

nanomotion to save lives







Bioabsorbable technology for percutaneous vessel closure



### **Sustainability Track**







Thermoelectric energy harvesting solutions



**Econic Technologies** 



Innovative catalyst technologies producing polyurethane products from CO2 waste



KEYOU 📝



Emission-free, yet cost-effective hydrogen drive for commercial vehicles



Crystalsol 7



Developing a new type of flexible photovoltaic technology



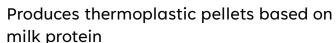
**Epishine** 



Enabling organic solar power everywhere



Lactips -





Deep Branch **Biotechnology** 



Carbon recycling company converting CO2 into high-value products



**Greenbird Integration Technology** 



Integration Platform as a Service (iPaaS) for utilities



Lancey 7



Intelligent heating & energy storage solution controlling energy consumption



### **Sustainability Track**



The electric car that charges itself



Develops solar, sensor and coating technologies for energy-neutral buildings



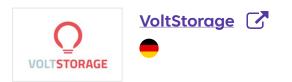
Enables energy efficiency improvement of up to 20x in digital processors



Biodegradable packaging material innovation made out of wood



Converting sun energy and carbon dioxide to produce organic compounds



Solar power storage systems based on the ecological VRF technology

# FIC ScalingUp

# **Selection Committee**



### **TEIC** ScalingUp



Jean-Michel Deligny, Chairman of the Selection Committee, Senior Advisor at Silverpeak

### Quote from Jean-Michel Deligny

My motivation to take responsibility for the Selection Committee was to show that the EIC Fund is supporting deep tech companies of tremendous value across Europe. The results are in, and they are not disappointing.

We have some of the stars of the community (e.g. Codasip, IQM), but also the unsung success stories in the making (e.g. FMC).

There are similar stories in healthcare where Kheiron Medical Technology (an AI technology provider) is sitting next to Croivalve in the challenging space of cardiac valve solutions. In sustainability Europe has lots to offer and is leading the pack in the use of bacteria for energy production (Photanol) or biodegradable packaging material (Sulapac).

### All this bodes well for the inaugural edition of the ScalingUp Growth30.

Our objective is of course first and foremost to help these companies raise their profile, and make it easier for them to operate internationally, not least by helping them to connect to key personalities of the growth investment industry.

# We also want to show the world the EIC Fund is a force of progress in our ecosystem,

helping smaller companies get bigger quicker, but also helping European investors put together rounds of a greater size than before. Within this, the EIC and its Fund stand as a core, long-term investor, supporting deep tech companies across Europe.

"



### **Selection Committee**































































### **Selection Committee - Digital**



Jean-Michel Deligny
Senior Advisor at Silverpeak
SILVERPEAK

Technology Investment Banking



Osman Kent

Venture Partner at Atlantic

Bridge

ATLANTIC BRIDGE



Guillaume Girard
Partner at Jolt Capital

Joltcapital



Dr. Eve Menk-Bertand

Head French Speaking Countries at
Banque Lombard Odier & Cie SA

I OMRARD ONIFR



Venture Partner at Randstad Innovation Fund



Sophie Dingreville
Investment Director at Munich
Re Ventures
QUADIA



**Juha Lehtola**Head of Direct VC Investments
at Tesi





Tech Investor at Bpifrance



Managing Partner at United Ventures

ventures
ventures



Pedro Ribeiro Santos

Partner at Armilar Venture
Partners

ARMILAR



Sasha Galitsky Co-founder and Managing Partner at Almaz Capital





General Manager Fashion
Accessories, IDO & CVC at Hermes





### **Selection Committee - Health**



Pooja Sikka
Partner at Octopus Ventures
octopus Ventures



Patrik Sobocki
Investment Director at
Industrifonden
Industrifonden



Janke Dittmer

General Partner at Gilde

Healthcare

HEALTHCARE



Francesca Wuttke
Chief Digital Officer at
Almirall



Diana Saraceni

Co-founder & General Partner at Panakes Partners

PANAKÈS
PARTNERS



Joanna Green
Principal at Ahren
Ahren



Philippe Boucheron

Deputy Chief for Life Sciences
Investments at Bpifrance

Dpifrance



**Aris Constantinides**General Partner at Kreos
Capital

KREOS CAPITAL



Principal at Philips Ventures

**PHILIPS** 



### **Selection Committee - Sustainability**



Remy de Tonnac

Partner at ETF Partners





**Lucy Rands** 

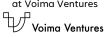
VC Investor at ETF Partners





Inka Mero

Founder & Managina Partner at Voima Ventures





**Eric-Alan Rapp** 

Partner at Vækstfonden

V/EKSTFONDEN



Michael Krel

Partner at Sofinnova **Partners** 

SOFINIOVA



**Marion Schuppe** 

Impact Investment Manager at Quadia

QUADIA



Klara Pavlickova

Senior Investment Associate at INVEN CAPITAL

INV/E/N CAPITAL



Allegra Kowalewski

Investor at Breakthrough **Energy Ventures** 





Michael Claes

Senior Manager at SABIC





Partner at Middleland Capital





Frédéric de Mévius

Managing Partner at Planet First Partners **PlanetFirst** 



### Team:

Partners leading the implementation of the project





### **Team**



Project Manager at Tech Tour





Co-founder of Tech Tour





Iva Tchetinova Venture Capital Associate at Tech Tour





EC Project Manager at Tech





Gilles Le Cocguen Head of EuroQuity **bpifrance** 



Europe Manager EuroQuity **bpifrance** 



**Business Analyst & Development** Manager EuroQuity





**Anne-Douce Coulin Kuhmley** Project manager – Deep Tech Mission, BCG





Massimo Portincaso Founder & CEO of Deepwave

Ventures





For more information you can contact us on:

info@eicscalingup.eu







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