

INTRANSIT

3rd NEWSLETTER



In Transit project

In Transit aims to strengthen the resilience of textile, aerospace, advanced manufacturing and construction SMEs towards greener and more digital sectors with social and business model, with a mixed support mechanism including individual assessment support and a lump sum and coaching to ensure their consolidation and sustainability.

The project has a total budget of 5M€ from which 3M€ will be distributed using cascade funding to SMEs and will use 1M€ to provide services to SMEs to thrive their digital and green transition over a period of 36 months.

It aims to support the main objectives of the European Green Deal and EU SME Strategy and to boost competitiveness in EU regions, providing SMEs with support from incubation to scale-up of cross-sectoral solutions, focusing on circularity, digitalisation, and sustainability.

Strengthening the resilience of textile, aerospace, advanced manufacturing and construction SMEs towards greener and more digital sectors with social and business model

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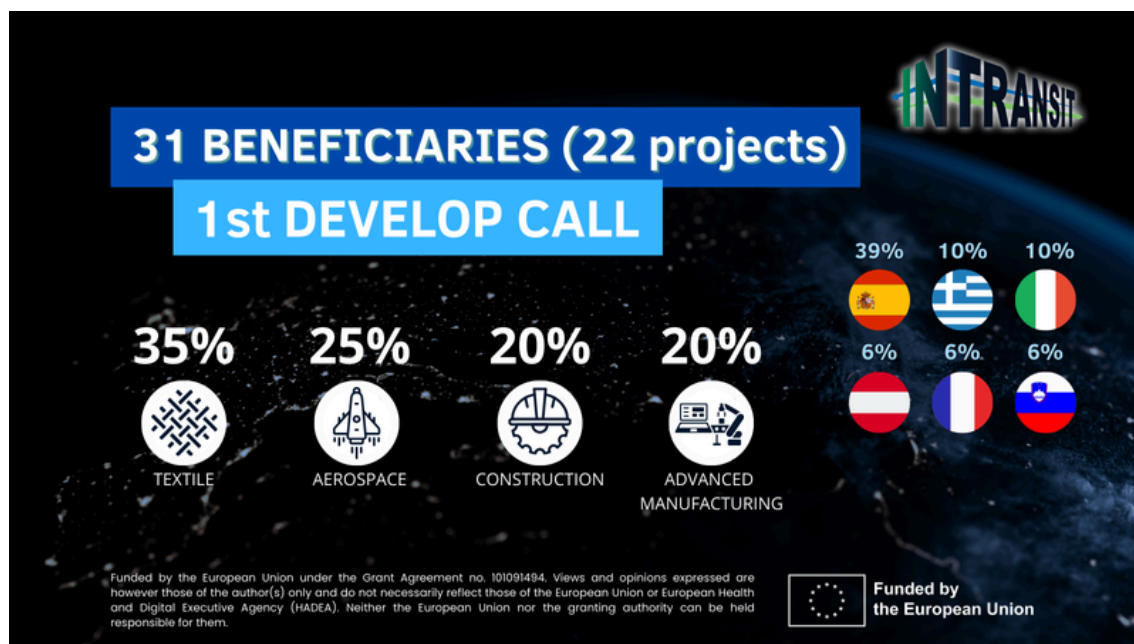
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1ST DEVELOP CALL RESULTS



The **In Transit first DEVELOP Call for Proposals** funded European innovative SMEs with more than **1.52M€** to support their sustainable projects in improved processes, products and new circular business models.

31 SMEs in 22 different projects received more than 1.52M€ to evolve their projects, as well as 50-hour coaching support to accelerate their launch to the market. The second call will open on 4th November 2024.

Spain, with 12 SMEs (39% of the total beneficiaries), was the first country in the ranking of the 31 SMEs beneficiaries, preceded by Italy (3), Greece (3), Slovenia (2), France (2), Austria (2), Czech Republic (2), Germany (2), Ireland (1), Croatia (1) and Bulgaria (1).

Of the 31 SMEs awarded, 35% came from the textile sector, 25% from the aerospace sector and 20% from both the construction and the advanced manufacturing sector.

The In Transit consortium had evaluated 144 applications from 197 different EU SMEs between March and early April 2024. In the end, 22 projects were selected as the best ones to be funded.

Of the 22 projects selected, 13 are individual and 9 in consortia. All of them will receive the lump-sum voucher of In Transit, a funding instrument that is addressed to SMEs that plan to develop sustainable solutions, as processes or products, due to the implementation of new circular business models.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

These are the 22 projects beneficiaries of the 1st DEVELOP Call for Proposals and the SMEs which are developing them:

HERMES Airlink



HERMES Airlink project is pioneering 5G connectivity for in-flight user terminals via satellite, ensuring high-throughput internet access for all aircraft passengers, enhancing both innovation and sustainability in aviation.

RECOTTEX



RECOTTEX introduces the world's first high-performance recycled cotton textile for fashion and aerospace, blending innovation and sustainability by creating eco-designed, zero-waste, fossil-free fabrics.

Articweave



ARTICWEAVE is a cooling textile technology which addresses the critical issue of overheating in high-temperature environments. This sustainable and intelligent solution not only enhances user comfort but also advances green and digital transitions in the smart textile industry.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

Re-hitechtex



Hilaturas Arnau



Re-hitechtex introduces a circular economy business model for high-tech garments, starting with firefighters' suits, combining innovation and sustainability for durable, eco-friendly protective wear.

PROJECT GREEN FURNACE



Mavarick



The Project Green Furnace aims to revolutionize the aerospace MRO industry by combining IoT and AI to significantly reduce energy consumption and carbon emissions, setting new standards for sustainability and efficiency.

Magos VR Gloves



Quanta & Qualia



Quanta & Qualia

Magos VR haptic gloves are set to revolutionize extended reality environments with unmatched finger tracking accuracy and enhanced wearability. This innovation promises to elevate VR training applications in aerospace and construction, making interactions more precise and sustainable.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

LynxCraft



Timberlynx

LYNXCRAFT



HiGroup

The Lynx project is set to revolutionize the construction sector with a carbon-neutral, energy-zero approach that makes building 5 times faster and 10% cheaper. Combining innovative prefabricated timber panels and the LynxCraft software, this project is a game-changer for sustainable, efficient, and affordable construction.

ReFiber4work



Technitiger



ReFiber4work is reshaping corporate uniforms with AI-driven designs, digital traceability, and sustainable materials, promoting a circular economy and reducing environmental impact.

BIORE-DYE



Vienna Textile LAB



Care Applications



BIORE-DYE consists in an innovative approach which aims to revolutionize textile dyeing with biobased pigments reducing chemical, water, and energy use.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

HELICAL



Kreios Space



Pulsar Labs

**KREIOS
SPACE**



**Pulsar
Labs**

HELICAL is an air-breathing electric propulsion system for satellites, enhancing sustainability and efficiency in space. This innovation promises to reduce space debris by 100% and launch fuel by 60%, paving the way for high-resolution Earth observation and telecommunications.

Solublion Application



Solublion

SOLUBLION
SOLUBLE SOLUTIONS

This project introduces eco-friendly microwave absorbing materials using biodegradable thermoplastic starch (TPS) for UAVs. This innovation enhances electromagnetic shielding while promoting sustainability in the aerospace sector.

ATLAS



Vertliner



VERTLINER™

ATLAS revolutionizes elevator manufacturing with cutting-edge unmanned aerial systems (UAS) and AI technology. By providing precise, automated elevator shaft measurements, ATLAS enhances efficiency, safety, and sustainability in the industry.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

SolarDrape



Astradyne



REA Space



SolarDrape is a solar solution which offers unparalleled flexibility and sustainability for construction sites, revolutionizing how renewable energy is harnessed in dynamic environments.

EVs Fire Blankets



Texfire

TEXfire

These innovative fire blankets are designed to contain and mitigate Electric Vehicle fires, addressing a critical market need with a focus on sustainability and safety. By advancing this technology, Texfire aims to enhance public safety and set new standards in EV fire management.

Multicolor project



Torné Grup

TornéGrup

Multicolor Project is set to transform the fashion industry by recycling multicolor textile waste into high-quality, sustainable fabrics, drastically reducing the carbon and water footprint. This innovative approach not only supports circularity in fashion but also aligns with our mission for a greener future.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

EPIS HARMONY



Lúcid

Iúcid

ENGIDI



Engidi

EPIS HARMONY is revolutionizing the construction industry with cutting-edge IoT technology by integrating Bluetooth tags and a digital platform. Thus, it enhances occupational safety and operational efficiency, not only ensuring the well-being of workers but also promoting sustainable practices through efficient resource utilization.

GreenCube



Hoffmann

Hoffmann

GreenCube consists in a pioneering eco-friendly CubeSat structures using bio-high performance polymers and PEEK recyclate. This innovation reduces CO2 emissions and promotes sustainable satellite manufacturing.

CleanCoat



Rosich

Rosich
ROSICH Y PUIGDENGOLAS S.A.

CleanCoat is pioneering the separation of elastomer coating mixture waste for solvent recovery and asphalt use. This innovation boosts sustainability by reducing waste in the textile coating industry.



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1ST DEVELOP CALL BENEFICIARY PROJECTS

GreenWeave



Freyzein



RBX Créations

GreenWeave is a fully bio-based, biodegradable, mono-material insulating fabric. By combining advanced bioengineering and nanotechnology, they are pioneering a future of performance apparel that's both eco-friendly and highly functional.

SESI



Bio Stopanstvo Lopyanko



The SESI Project aims to revive the European silk industry with organic, sustainable fibers and a circular economy model, reducing CO2 emissions and wastewater pollution. This innovative approach opens new possibilities for sustainable fashion and technical applications.

ComfortHeat



Rotimpres

ROTIMPRES
 ■ printed electronics ■

ComfortHeat is a revolutionary sofa heater using printed electronics! This innovation enhances customer comfort with a flexible, energy-efficient heating element, seamlessly integrated into sofa designs for both indoor and outdoor use.


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1ST DEVELOP CALL BENEFICIARY PROJECTS

SUN.RICE



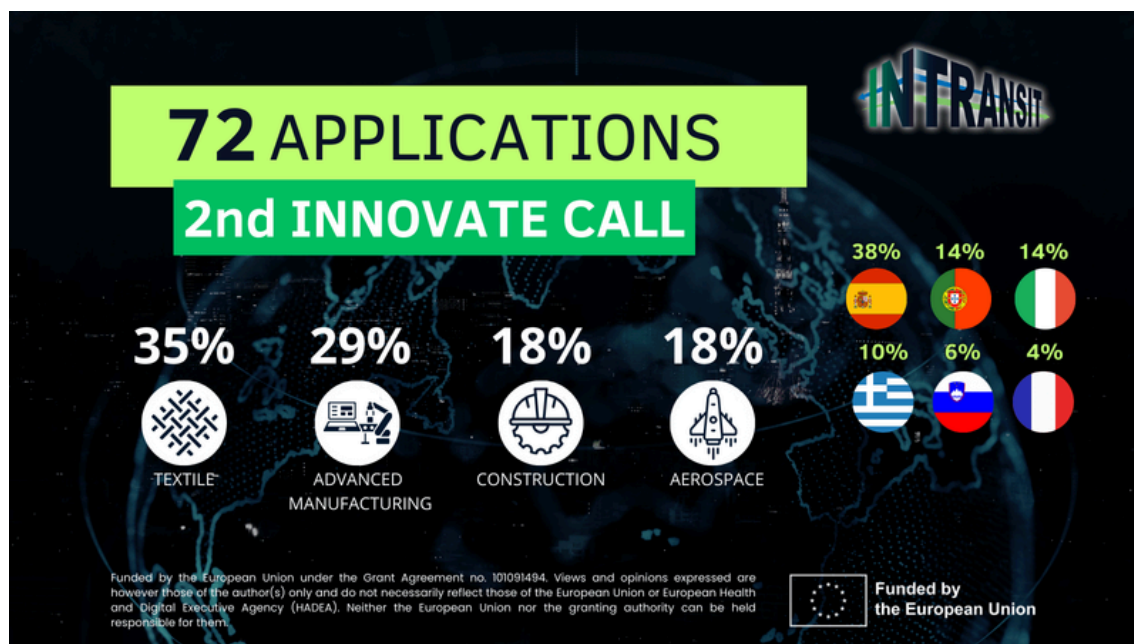
SUN.RICE brings eco-sustainable, cement-free building blocks made from rice husk to the market, reducing the construction industry's carbon footprint and reintroducing agro-waste into the value chain.



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2ND INNOVATE CALL RESULTS



The **2nd In Transit Innovate Call** closed on the 4th of June with the following results:

- 50 beneficiaries from 72 eligible applications
- 11 EU Countries represented: Bulgaria, Denmark, Finland, France, Greece, Ireland, Italy, Netherlands, Portugal, Slovenia and Spain. Most applications were from Spain (38%), Portugal and Italy (14%), Greece (10%), Slovenia (6%), and France (4%).
- Sector representation: Textile (35%), Advanced Manufacturing (29%) and both Construction and Aerospace (18%).

The 50 SMEs beneficiaries from the INNOVATE services will receive a 7,5% bonus for individual participation and 15% bonus for consortia on the application's final score during the evaluation process of the 2nd DEVELOP Call for Proposals which will open on 4th November 2024.

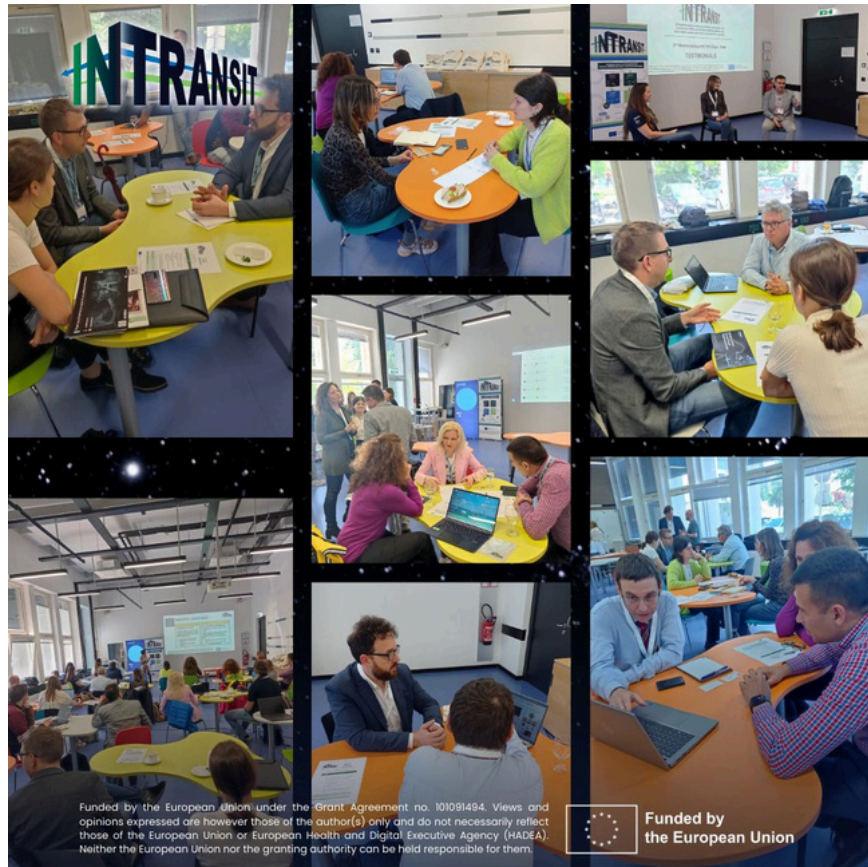
The services will be provided in individual and group level, from September 2024 to October 2024, by the In Transit consortium partners based on their expertise and will include a wide array of topics such as Funding Opportunities, Industry 4.0 & 5.0, Business Plan Innovation, Marketing and Sales strategy or Circular and Digital Upskilling, among many others.



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MATCHMAKING & INFO DAY IN GRAZ



On May 23rd, the In Transit held its second **Matchmaking & Info Day in Graz**, one of the key events to support community-building and networking across the key sectors of the project: Aerospace, Construction, Textile and Advanced Manufacturing.

InTransit project was presented, as well as the 2nd Innovate Call details, the submission procedures and the evaluation information.

This presentational event also hosted the second matchmaking session, where SMEs could find potential partners to apply together in the next funded Call for Proposals, find technologies, discuss ideas with In Transit team and meet potential technology providers.

The companies presented their projects, networked and had meetings with other SMEs to develop future collaboration projects. More than 15 companies participated at the event which had more than 43 one-on-one B2B meetings.



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WHAT'S UPCOMING?

Barcelona & Athens Learning Expeditions



The poster features a dark background with a city skyline at night and a hand holding a magnifying glass over a globe. The text is in white and blue. The 'INTRANSIT' logo is in the top right. The main title 'LEARNING EXPEDITIONS' is in large white letters. Below it, two events are listed: 'BARCELONA SPAIN' and 'ATHENS GREECE', each preceded by a blue arrow. To the right of each event, the dates are listed in large blue numbers: '12-13' and '19-20', with 'NOVEMBER 2024' below each. At the bottom left, there is a small disclaimer. At the bottom right, there is the European Union flag and the text 'Funded by the European Union'.

LEARNING EXPEDITIONS

▶ BARCELONA SPAIN | **12-13** NOVEMBER 2024

▶ ATHENS GREECE | **19-20** NOVEMBER 2024

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On 3rd September, In Transit project will launch its Open Call to be part of its two **Learning expeditions** that will take place during November 2024: the first event will take place in **Barcelona on the 12th and 13th** and the second one in **Athens on the 19th and 20th**.

In Transit Learning expeditions are key events organised to support community-building and networking across the key sectors of the project and consist of cross-sectoral visits to industry-leading companies which have successfully implemented circular business models and top research centres followed by innovation management workshops to facilitate cross-sectoral new circular business models generation.



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WHAT'S UPCOMING?

Call for Construction Experts



On September 16th, the In Transit consortium will launch a **Call for Experts** with relevant expertise in the **CONSTRUCTION** sector to evaluate proposals submitted under the 2nd DEVELOP Call for Proposals.

More specifically, experts must be experienced evaluators and/or entrepreneurship experts of at least five years of experience in some of the following areas, within the construction sector: Co-creation and technology uptake facilitation (innovation and technology transfer services); Market prospection, innovation management and investment; and Research experience.



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