Agenda: **PRODUTECH R^3 – Recuperação-Resiliência-Reindustrialização**

Agenda Mobilizadora da Fileira das Tecnologias de Produção para a Reindustrialização

Project Nr.: C645808870-00000067 – investment project nº 60

Consortium Leader: COLEP Packaging Portugal S.A.

Description:

The **PRODUTECH R3** Innovation Pact is a strategic and integrated initiative, comprising a set of programs aimed at:

(i) Transforming Industry, developing and transferring R&D and transforming it into new products and services (namely production technologies), enabling and supporting companies in this sector in their associated innovation processes, but also supporting companies in user sectors to adopt and endogenize these new technologies in their production systems, contributing to competitiveness, sustainability and resilience;

(ii) Qualifying Industry for Resilience, Growth and Innovation;

(iii) Training and Professional Education in Innovative Production Technologies, thus supporting the ambitious transformation;

(iv) Internationalization of companies;

(v) Broad promotion and dissemination of the Pact and its outcomes.

This approach aims to take advantage of the cross-cutting nature of production technologies and cross-fertilization processes, leveraging the positioning of companies in the production technologies sector and promoting knock-on effects throughout the national economic fabric.

Data of approval: 15/09/2022 **Starting date:** 01/01/2022

Closing date PPS: 30/06/2026 **Duration (PPS conclusion):** 54 Months

Closing date financial execution: 31/12/2026

Duration (financial execution): 60 Months

Investment: 167 799 353,27 Euros **Public funding:** 95 658 838,97 Euros

Objectives:

The **PRODUTECH R3** project aims to bring about a structural change in the Production Technologies sector (PT), enabling it to exploit the significant investments the industry will make in terms of the green and digital transition, thus reducing external technological dependence, increasing the added value generated in the country and contributing to a change in the specialization of the Portuguese economy.

Based on a partnership that brings together 106 companies and other entities from the Production Technologies, the main sectors of industry and the scientific and technological system, the project envisages the collaborative development of 85 new innovative products and services and their demonstration in more than 52 pilots in companies from the user sectors, and the development of complementary actions in the areas of education and training, internationalization, dissemination and capacity building of the Production Technologies, inducing a structural change and the creation of a truly dynamic and sustainable innovation eco-system in the area of production technologies.

Activities:

The PRODUTECH R3 Innovation Pact is structured into 15 transformative programmes, which are grouped into 5 areas (A - Customization of products and proximity production; B - Adaptive, collaborative and competitive production; C - Interoperable, intelligent and autonomous production systems; D - New technologies for the production and use of advanced materials; E - Efficiency in the use of resources and direct integration of renewable energies in production processes) and are geared towards the development of new Products, Processes and Services (PPS) for industry, through collaboration between Production Technology companies, user sector companies and ENESIIs (National Scientific and Technological System Entities, Technology Centers and Sector Entities). These programs are designed to promote synergies in terms of technological development, with applicability to a wide range of user sectors.

PRODUTECH R3 is also made up of 3 transversal programs aimed at complementary related areas, such as capacity building and training, internationalization and qualification, and 2 support programs, aimed at the wide dissemination of the initiative and its results, as well as the overall management and coordination of the agenda.

Keywords:

Industries and Production Technologies; Production Technologies and Production Industries; Production Technologies and Process Industries.

Consortium:

The PRODUTECH R3 innovation pact brings together a national consortium of 106 partners
Led by **COLEP Packaging S.A.**, the consortium is made up of partners from different areas and sectors of the Portuguese industry, **44 companies that supply production technologies**, **36 companies that use production technologies** in the manufacturing industry, **26 ENESIIs** (National Scientific and Technological System Entities, Technology Centers and Sector Entities): COLEP PACKAGING PORTUGAL; PRODUTECH; AIMMAP; 4iTec; A.Pires Lourenço; ADIRA; AGIX, ANTÍPODA; AQUINOS; AURIMOLDES; BAIRRIMOLDES; BIO4PLAS; CATIM; CCG; CEI; CENFIM; CENTIMFE; CHETO; CITEVE; CME; CPIMC; CTCOR; CTIC; CTT; CTT Expresso; DISTRIM 2; DEMOSCORE; DERMALEATHER; DIMAS & SILVA; ERISING; ETI; EUROGALVA; FAVORITANSWER; FEUP; FLOWBOTICS; GBT; GLN PLAST; GROW PLATFORM; IBER-OLEFF; IBERONORMA; IDEPA; IEP; INEGI; INESC TEC; INFINITE FOUNDRY; INKLUSION; INL; INTROSYS; IPBragança; IPCastelo Branco; IPLeiria; IPPorto-ESTG; IPSetúbal; ISEP; ISQ; IST; JOINTSTEEL; JPM; KAIZEN; KAIZEN TECH; LTPLabs; LUIS SIMÕES; MCG; MECÂNICA EXATA; MICROPROCESSADOR; MODELO CONTINENTE HIPERMERCADOS; MOLIPOREX; MUVU; NAVIGATOR Paper Figueira; NAVIGATOR Paper Setúbal; NAVIGATOR Tissue Aveiro; NAVIGATOR Pulp Aveiro; NEADVANCE; NEWSTAMP; NOS COMUNICAÇÕES; NOS Technology; OGMA; ONCONTROL; PEREIRA & LADEIRA; PERIPLAST; PIEP; PIBRA; PLASOESTE; POSITIVE BENEFITS; SELMATRON; SILAMPOS; SISTRADE; SKILLAUGMENTED; SMARTEX; SOFTI9; SOLANCIS; SOLZAIMA; SONAE ARAUCO; SONAE MC; TABOR; TÊXTEIS PENEDO; TRICAD; TSF; UCoimbra; UMinho; UNova Lisboa; VANGUARDA; VANGEST; VISTA ALEGRE; WFS; WORTEN.

Funding programme:

The PRODUTECH R3 project - Mobilizing Agenda for the Production Technologies Sector for Reindustrialization, is funded by the European Union under the NextGeneration EU program through the Recovery and Resilience Mechanism (RRM) and the Recovery and Resilience Plan (RRP - http://www.recuperarportugal-gov.pt/).

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