



'25
MANUFUTURE
CONFERENCE

MANUFUTURE CONFERENCE

—
PRODUCTION TECHNOLOGIES INDUSTRIES AS A DRIVER OF
SUSTAINABLE ECONOMIC DEVELOPMENT

Miguel Almeida Henriques
Produtech/ JPM Group



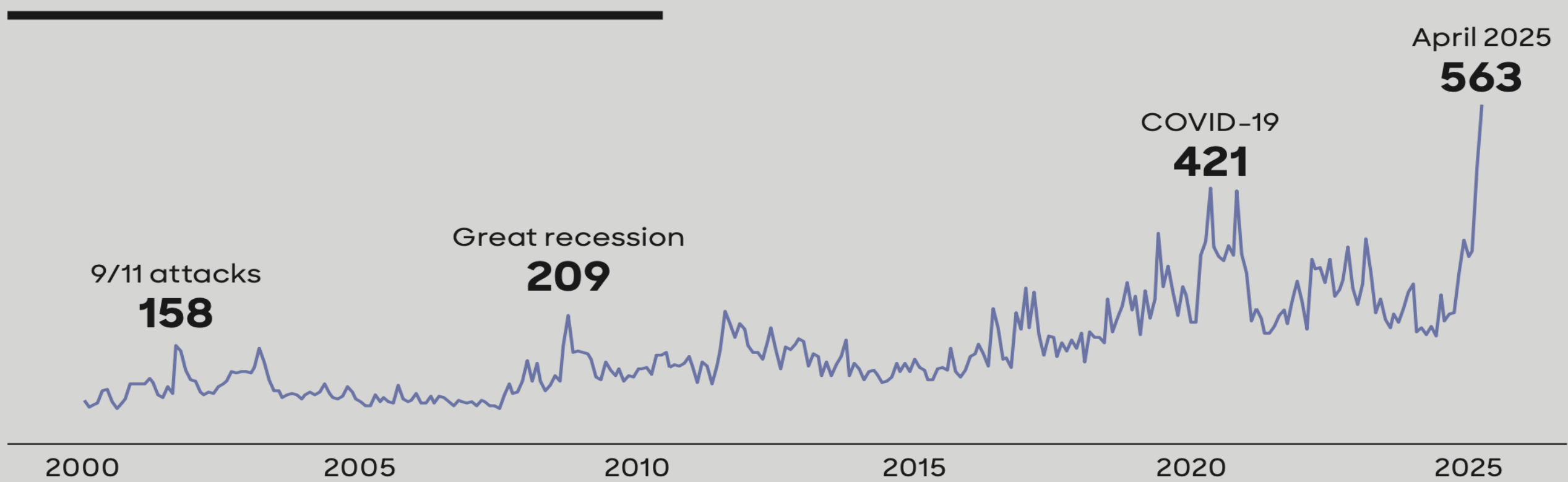


**PRODUCTION TECHNOLOGIES INDUSTRIES AS A DRIVER OF
SUSTAINABLE ECONOMIC DEVELOPMENT**

*Investing in **production technologies industries** is not
only about industry — it is about Europe's future.*

Fact #1 – urgent situation – VUCA*** world ... change is constant ...

Global Economic Policy Uncertainty Index:
PPP-Adjusted GDP (as of June 3, 2025¹)



¹ Global Economic Policy Uncertainty Index is subject to retroactive data changes due to revision of underlying sources—
See FRED for additional details

Fact #1 – urgent situation – VUCA*** world ... change is constant ...

Table (euros, PPP) – GDP per capita

Region	2015 (€ PPP)*	2024 (€ PPP)**	Variation [%]	Variation [€]
European Union (EU-27)	≈ 38 000	≈ 57 700	51,8%	19 700
United States	≈ 52 000	≈ 79 300	52,5%	27 300

Sources: 1) World Bank – WDI: GDP per capita, PPP (current international \$) – indicator pages for EU/US (2024 visible; 2015 from same historical series). 2) European Central Bank / Central Banks: average annual EUR/USD exchange rates (2015 and 2024). 3) Eurostat (PPP/PPS context): note that 1 PPS = 1 € at the EU average level; methodological notes and 2024 PPS estimates.

* 2015: conversion from PPP per capita (international \$) using the 2015 average EUR/USD = 1.1105 (i.e. € = Int\$ ÷ 1.1105). World Bank base values (rounded): EU ≈ 42 000 Int\$, US ≈ 58 000 Int\$.

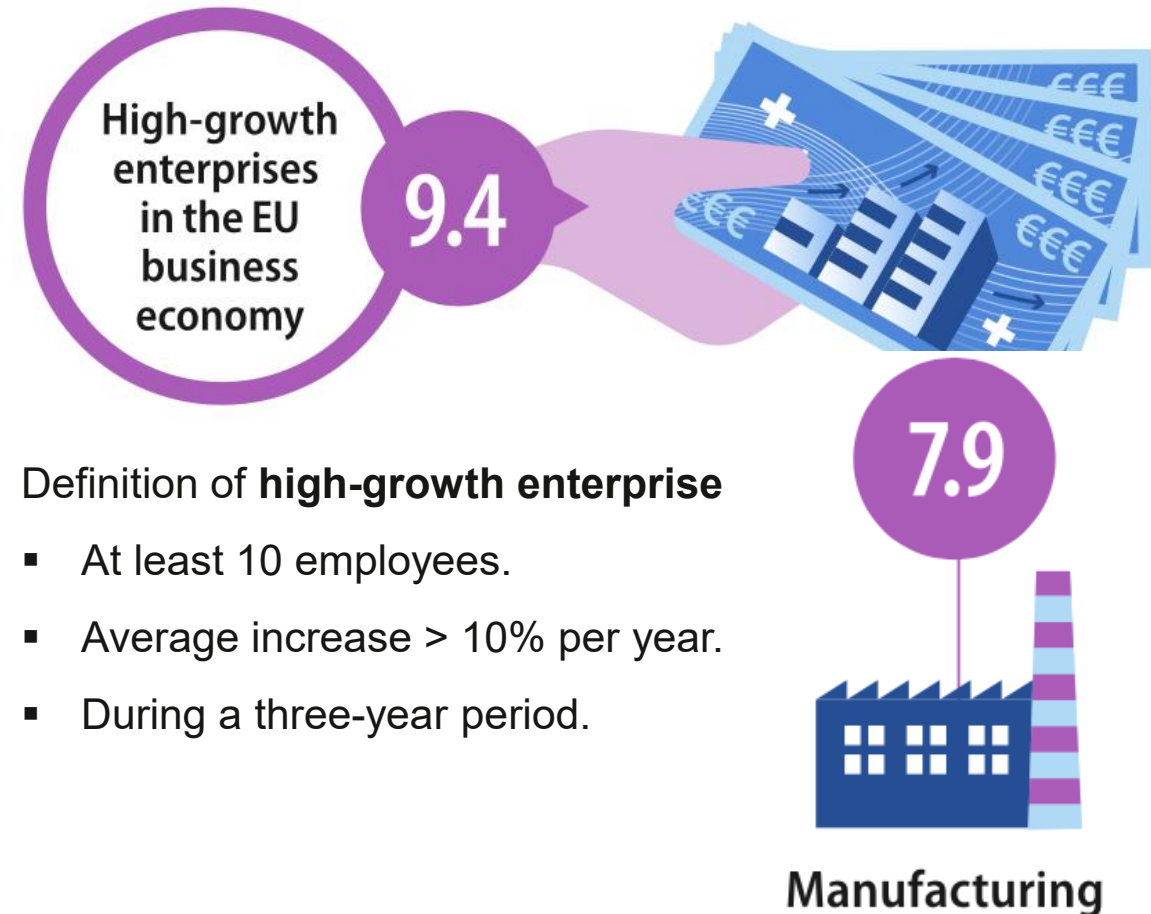
** 2024: conversion from PPP per capita (international \$) using the 2024 average EUR/USD = 1.0824 (i.e. € = Int\$ ÷ 1.0824). World Bank base values: EU = 62 433.6 Int\$, US ≈ 85 810 Int\$.

*** VUCA - Volatile, Uncertain, Complex and Ambiguous

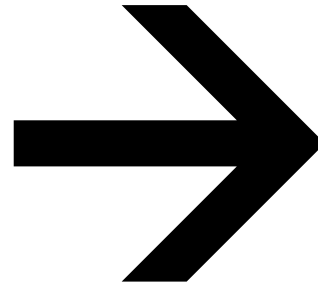
Fact #1 – urgent situation – structural difficulties ...



Key Statistics - non-financial business economy



INDUSTRY/ MANUFACTURING

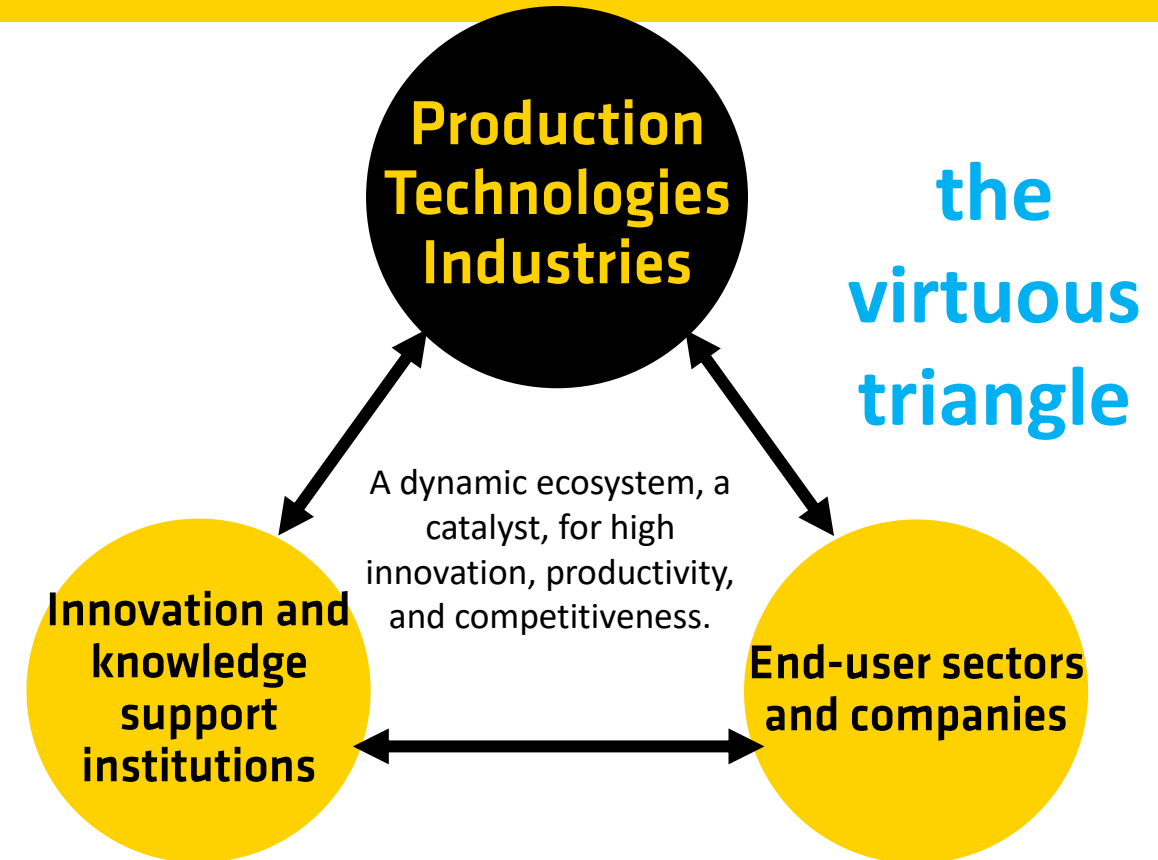
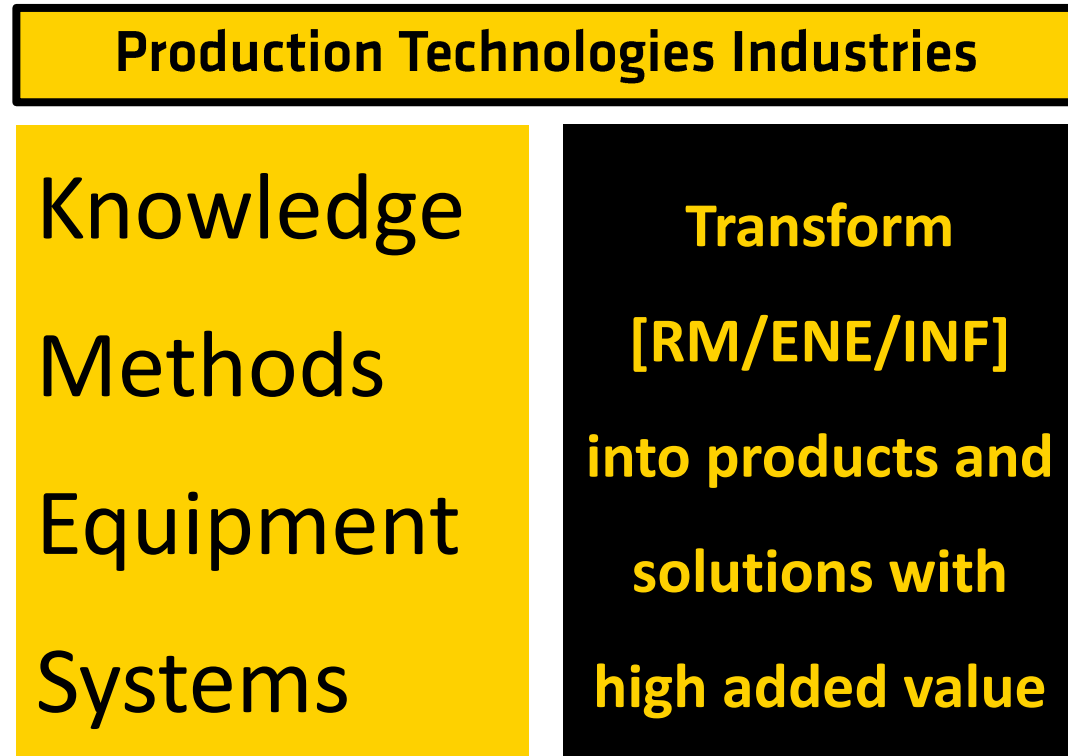


- Economic growth
- Quality of life
- Less inequality
- Sustainability

Manufacturing delivers far more than its direct output — it **multiplies** prosperity factors like innovation and assures sovereignty.

Manufacturing has one of the highest **multipliers** among sectors - Backbone of Green & Digital transitions and strategic autonomy - Each job in manufacturing supports approx. 2 additional jobs in other sectors.

Fact #3 - Production Technologies Industries are a Driver ...



The companies operating within the Production Technologies Value Chain play a pivotal role in fostering **innovation**, boosting **productivity**, and enhancing overall **competitiveness** across industries.

A Cross-Sectorial Approach because Production Technologies Industries are **transversal** (“key enabling technologies”) and promote a **Cross-Fertilisation** between industries.

PRODUTECH RE

recovery, resilience, and reindustrialization

- ▶ Consortium composed of 108 promoters
- ▶ Eligible investment of €167,298,999

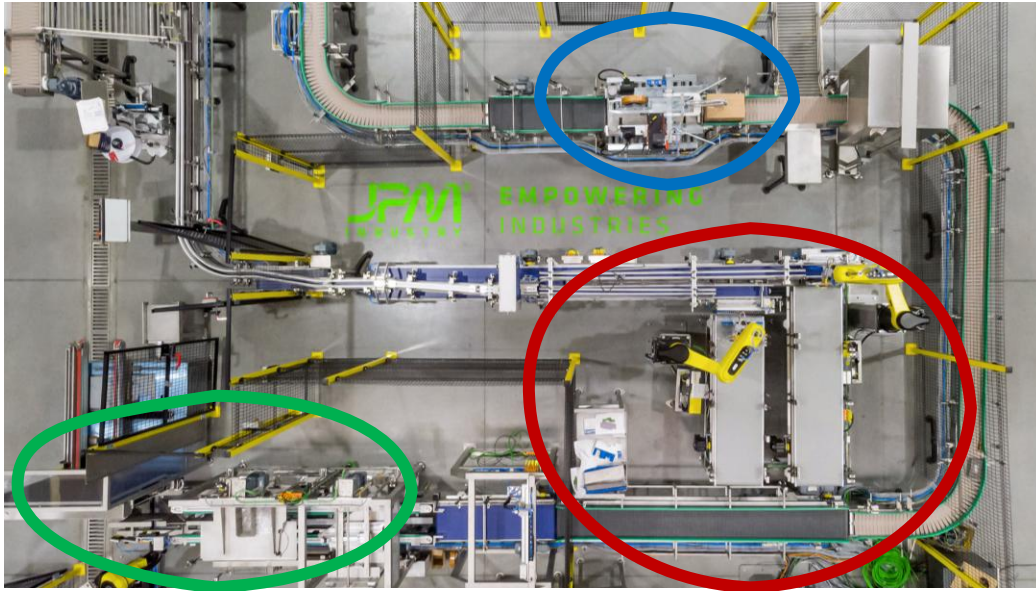
... the virtuous triangle

Portugal	PRODUTECH [2023]	Production Technologies Industries [PTI] [2023]	PRODUTECH/ PTI [%]	Manufacturing industry [MI]	PTI/ MI [%]
Total number of companies	90	5 896	1,5%	69 160	8,5%
Staff employed or Number of employees	8 779	64 638	13,6%	751 411	8,6%
GVA – Gross Value Added [millions euros]	437	2 744	15,9%	29 320	9,4%
Turnover [millions euros]	1 339	7 849	17,1%	123 936	6,3%
Exports [millions euros]	747	3 791	19,7%	57 912	6,5%

Evidence shows that the “virtuous triangle” around Production Technologies is positively linked to **sustainable economic growth.**

Cosmetics Industry

Complete end of line solution - individual and shrinked bottles in different volumes - [Case Erecting, Case Packing and Case Closing] for a high-speed line.



KEY TAKE AWAYS

- Proven expertise from another industry → transferred to another industrial sector using the same technological base.
- One of the results is the ramp up of the process to solve an issue - “time is money”

Paper Tissue Industry

Complete end of line solution - multidimensional napkins - [Case Erecting, Case Packing and Case Closing] for a high-speed line.



- “Stronger” **EUROPE** → and for that it’s important to ...
- Strengthen **Europe’s INDUSTRY** → and for that it’s key to ...
- Invest in **Production Technologies Industries** as a pillar of competitiveness → and for that it’s crucial to ...
- **Scale collaborative ecosystems** like PRODUTECH.
 - Build the virtuous triangle
 - Production Technologies ↔ Economic Development ↔ Sustainability.
- ... **and** have a clear mindset that it is fundamental to have **bigger companies** → and for that we need to have the right incentives (fiscal, burocracy, capital, etc.)



We, industrial entrepreneurs ... are ready for the challenge!

Contributing to the dream of having an **AGILE**, **ADAPTABLE** and **ALIGNED EUROPE** playing a decisive role in this “VUCA” world.

Thank you.

Miguel Almeida Henriques

Produtech/ JPM Group

