

International trends for the European RD&I landscape

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Manufacturing in Ireland

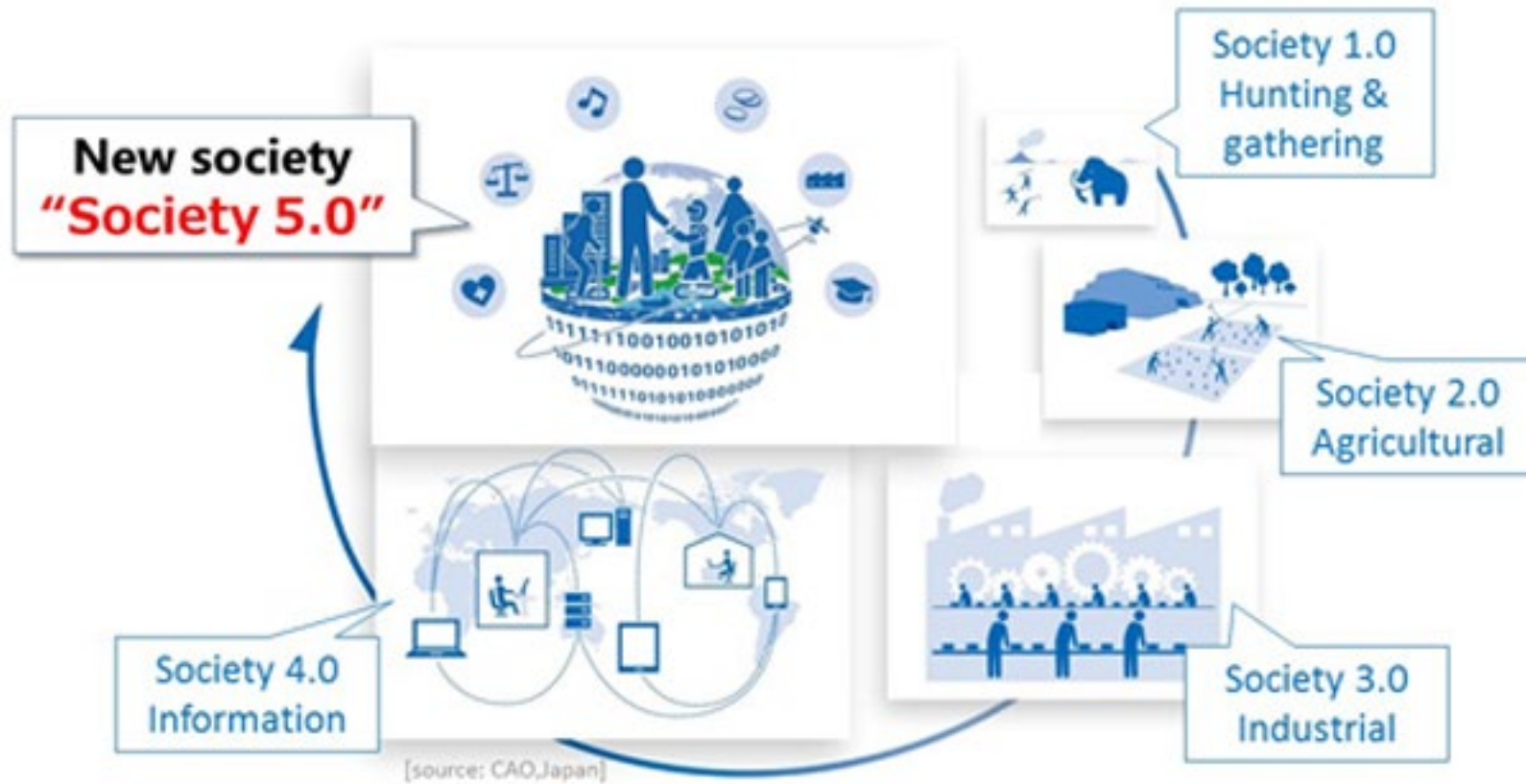




Manufacturing in Europe

- 7170 B€ turnover (Source Eurostat - 2020)
- 29.4 million direct jobs (Source Eurostat - 2020)
- 1880 B€ added value (Source Eurostat - 2020)
- 99,8% SME on about 2 million enterprises (JRC)
- 80% of exports







#ResearchImpactEU

INDUSTRY 5.0

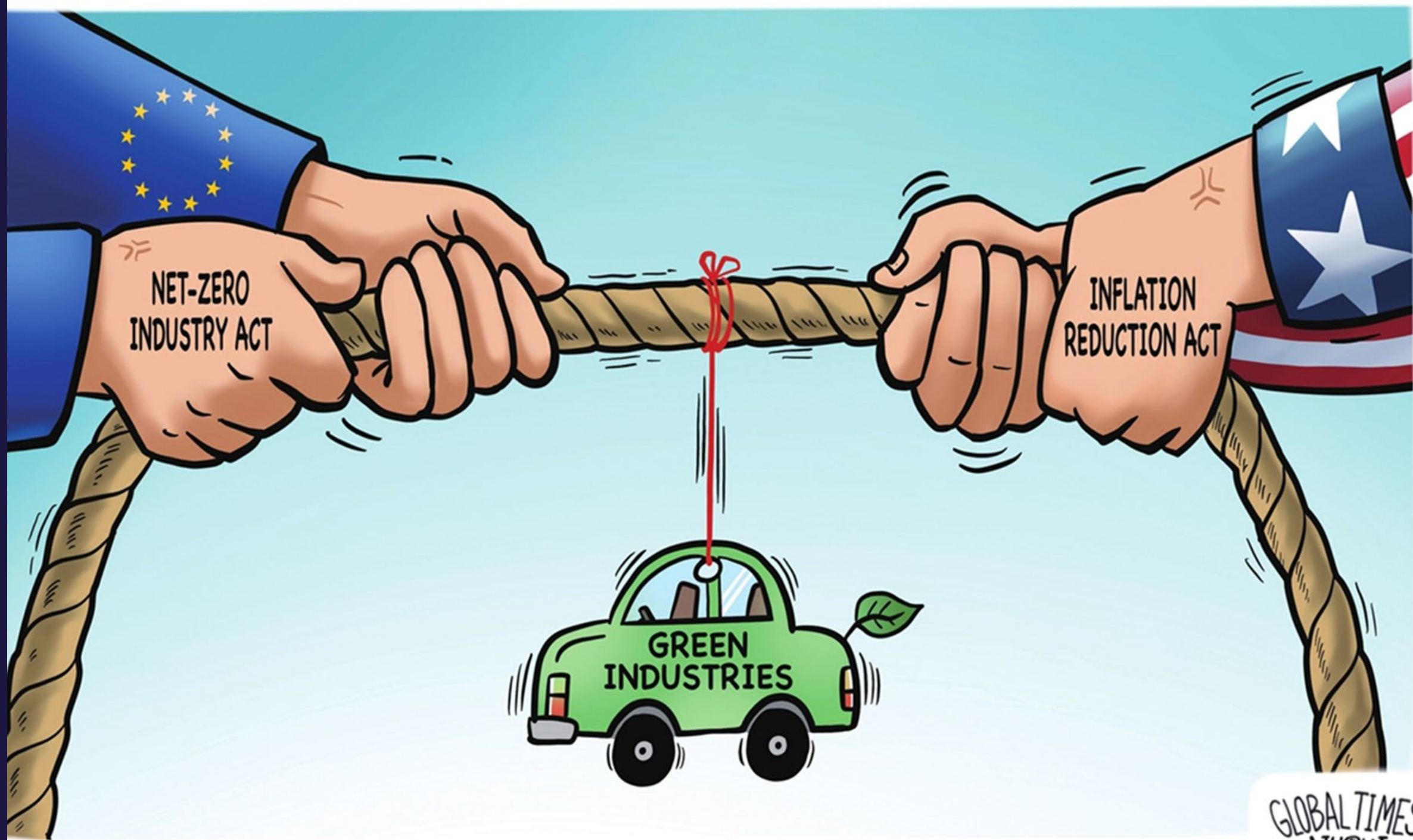


**Green Deal is
Europe's Man on
the Moon Moment**



- a predictable and simplified regulatory environment
- faster access to sufficient funding
- enhanced skills
- open trade for resilient supply chains





ENRICO LETTA

MUCH MORE THAN A MARKET

SPEED, SECURITY, SOLIDARITY

Empowering the Single Market to deliver a sustainable future and prosperity for all EU Citizens

Draghi's plan to rescue the European economy

Will EU leaders do whatever it takes?

By Sander Tordoir, Aslak Berg, Elisabetta Cornago, Zach Meyers and
Luigi Scazzieri



Future of manufacturing



More than 90% of solar photovoltaic (PV) wafers and certain other PV technology components are imported from China

More than ¼ of electric cars and batteries are imported from China

China accounts for **90%** of global investments in net zero technology manufacturing facilities.

Technologies

New and not so new

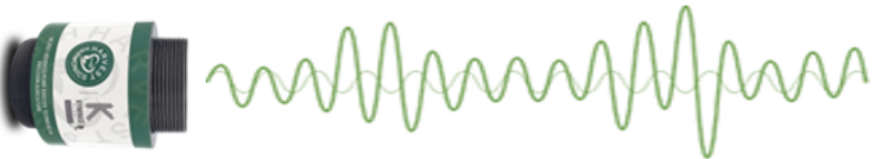
Crop Booster – powered by Kyminasi Technology

Innovative non-chemical agricultural bio-stimulant – an application in bio-resonance.

(Plant Signalling via water)

Fulvio Balmelli – Researcher of the year for Agriculture, International Science, Technology and Research Award Committee, 2024.
Nobel Peace Prize Nominee (2024)

The Future of Farming is Energy!



Healthier and More Bountiful Crops + Healthier Soil x Number of Acres = **INCREASED PROFIT\$**

- Commercial trials in 44 countries globally
- Over 20,000 acres serviced
- 87 case studies, 9 scientific studies
- Average yield increases 47%

www.harvestharmonics.com

Thank you

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