University of Ferrara

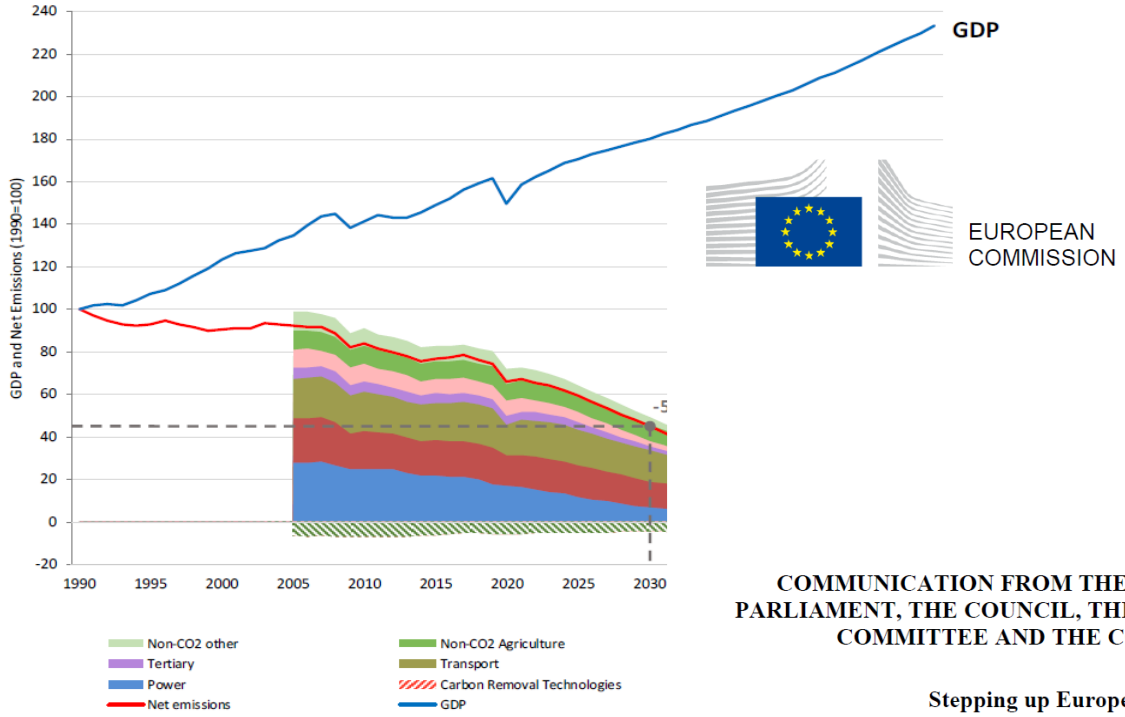
CERCIS

SEEDS

inno4sd.net
Innovation for Sustainable Development Network

Innovazione, formazione e economia circolare: l'Italia verso il 2030

the EU Green Deal calls for a raise in ambitions



EUROPEAN
COMMISSION

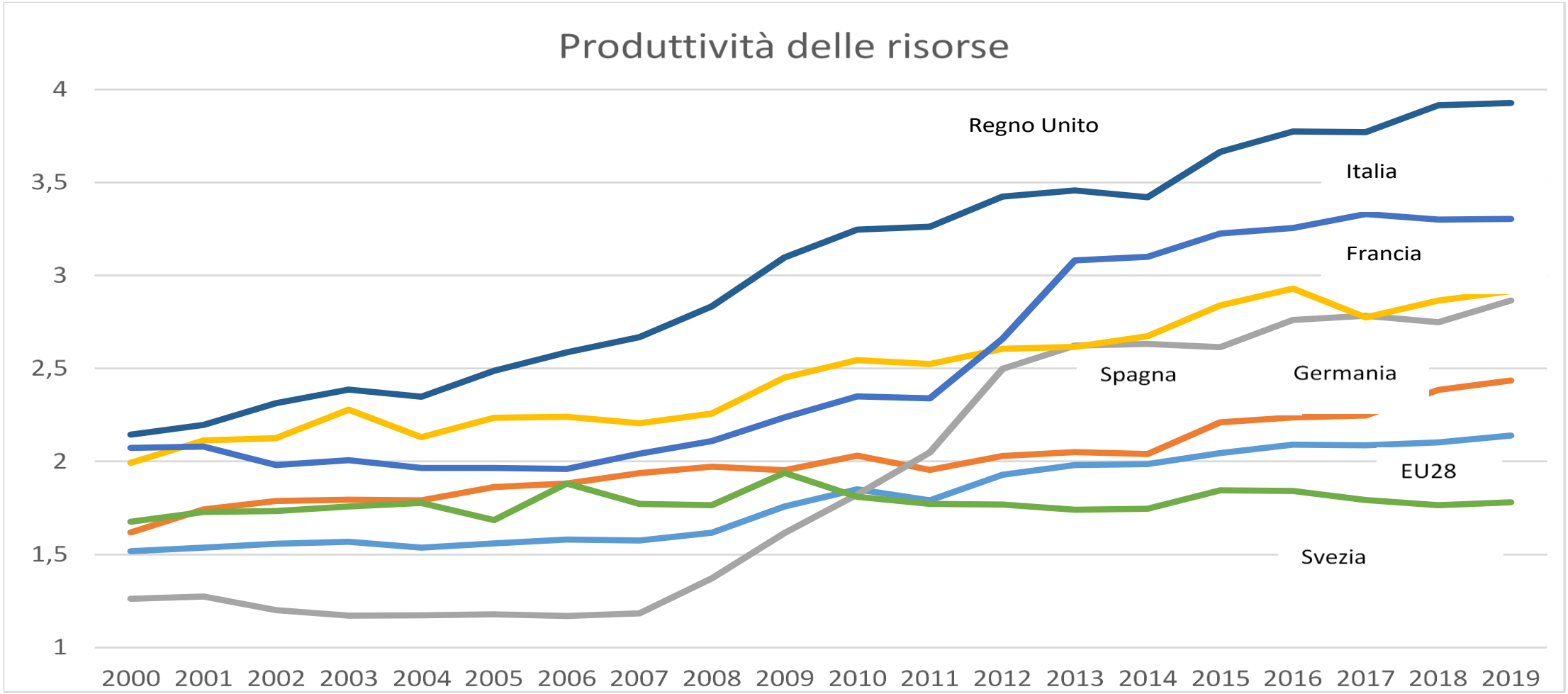
Brussels, 17.9.2020
COM(2020) 562 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

Stepping up Europe's 2030 climate ambition

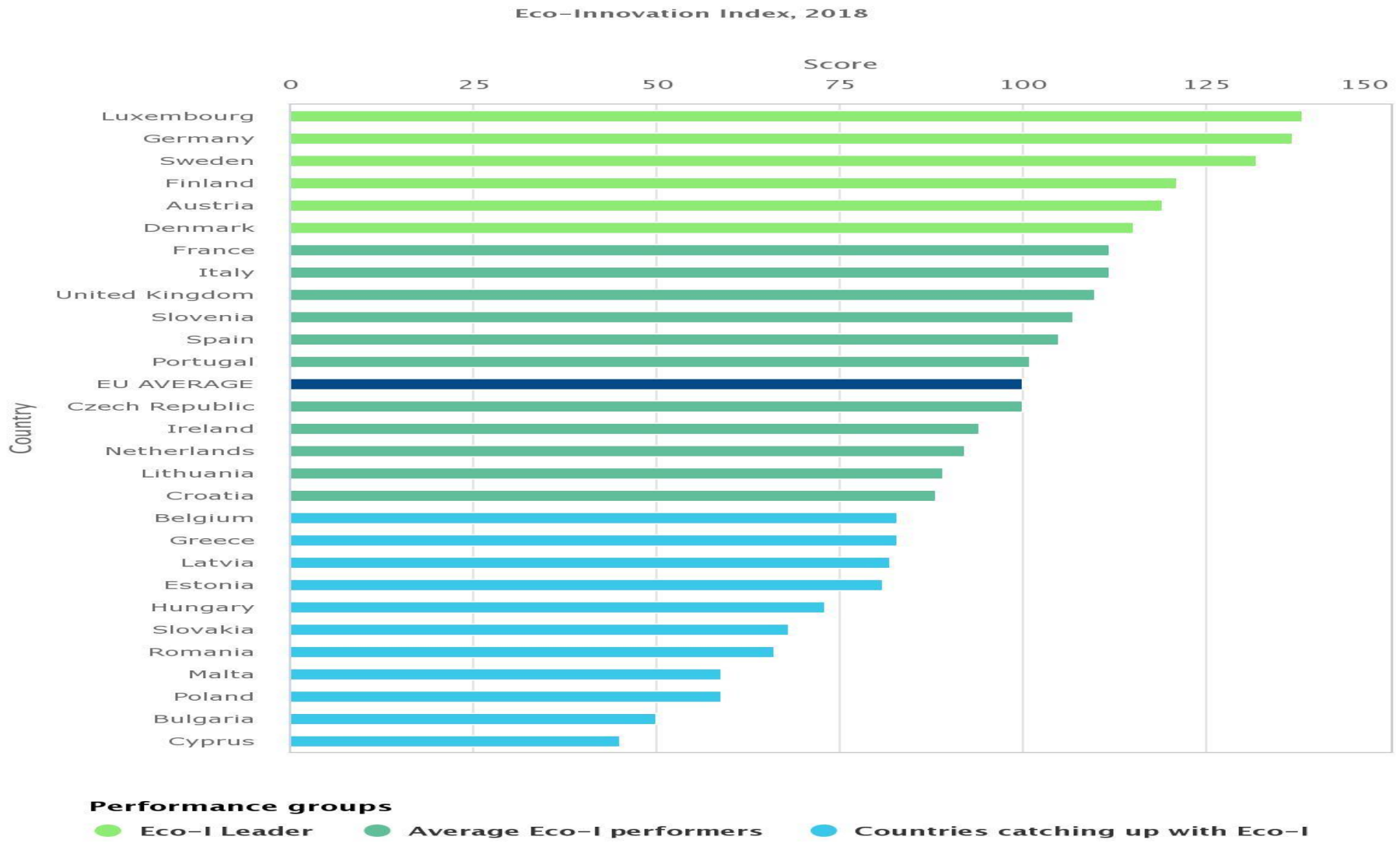
Investing in a climate-neutral future for the benefit of our people

Resource productivity

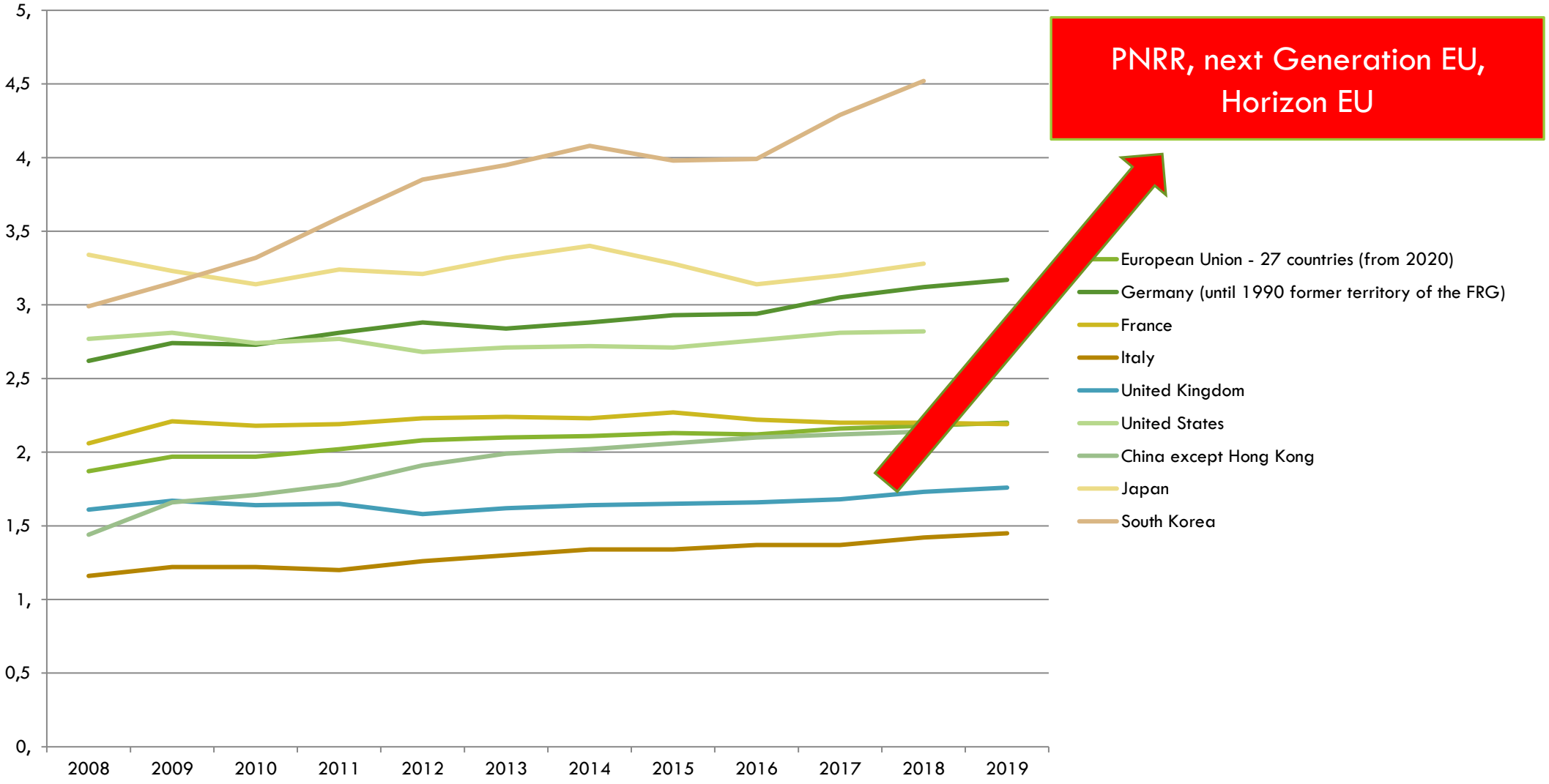


The indicator is defined as the gross domestic product (GDP) divided by domestic material consumption (DMC). DMC measures the total amount of materials directly used by an economy. It is defined as the annual quantity of raw materials extracted from the domestic territory of the local economy, plus all physical imports minus all physical exports. It is important to note that the term 'consumption', as used in DMC, denotes apparent consumption and not final consumption. DMC does not include upstream flows related to imports and exports of raw materials and products originating outside of the local economy.
(https://ec.europa.eu/eurostat/web/europe-2020-indicators/europe-2020-strategy/main-tables, accesso il 16 ottobre 2020)

Eco innovation score board



R&S totale su GDP



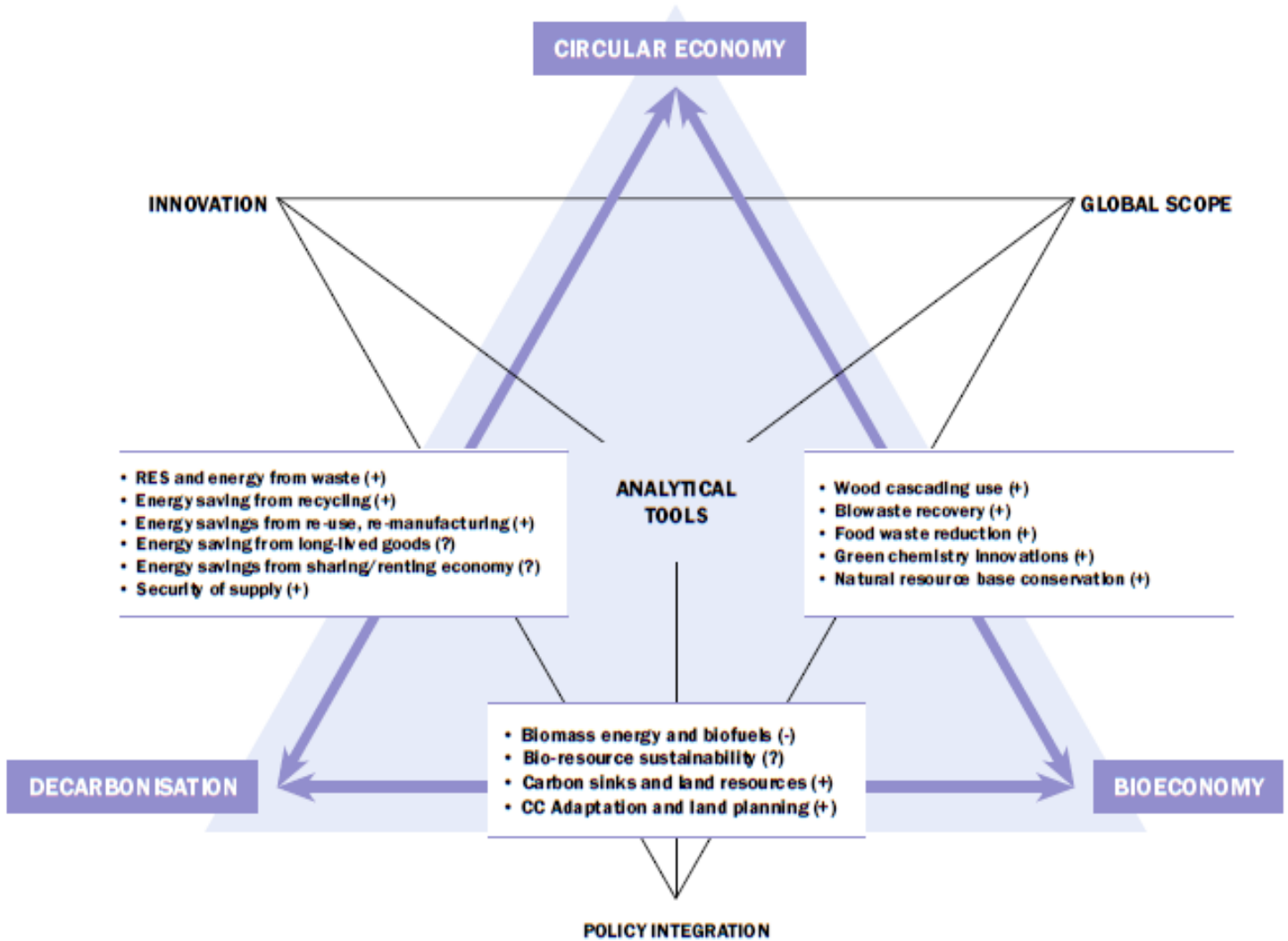


Figure 7.1. A sketch of the CE-DEC-BIO NEXUS

Prezzo CO_2 sul mercato Europeo
(Direttiva EU ETS 2003)

The Just Transition Mechanism:
Making Sure No One
Is Left Behind
The European
Green Deal
January 2020
#EUGreenDeal

age of same age population, also available by gender. As globalisation and technology continue to

...

PUBLICATION (2020)

tors

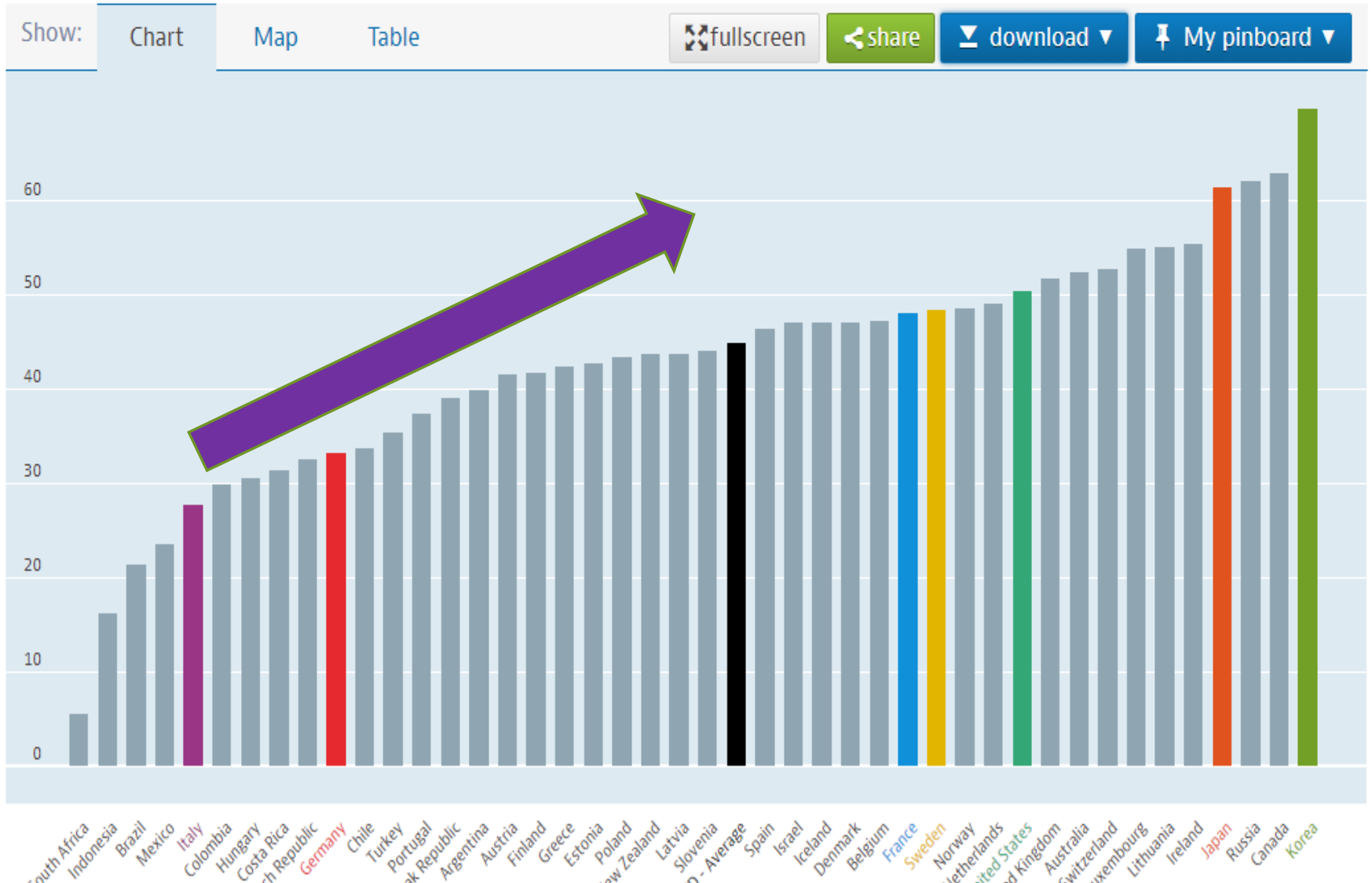
opulation with tertiary ducation

dult education level

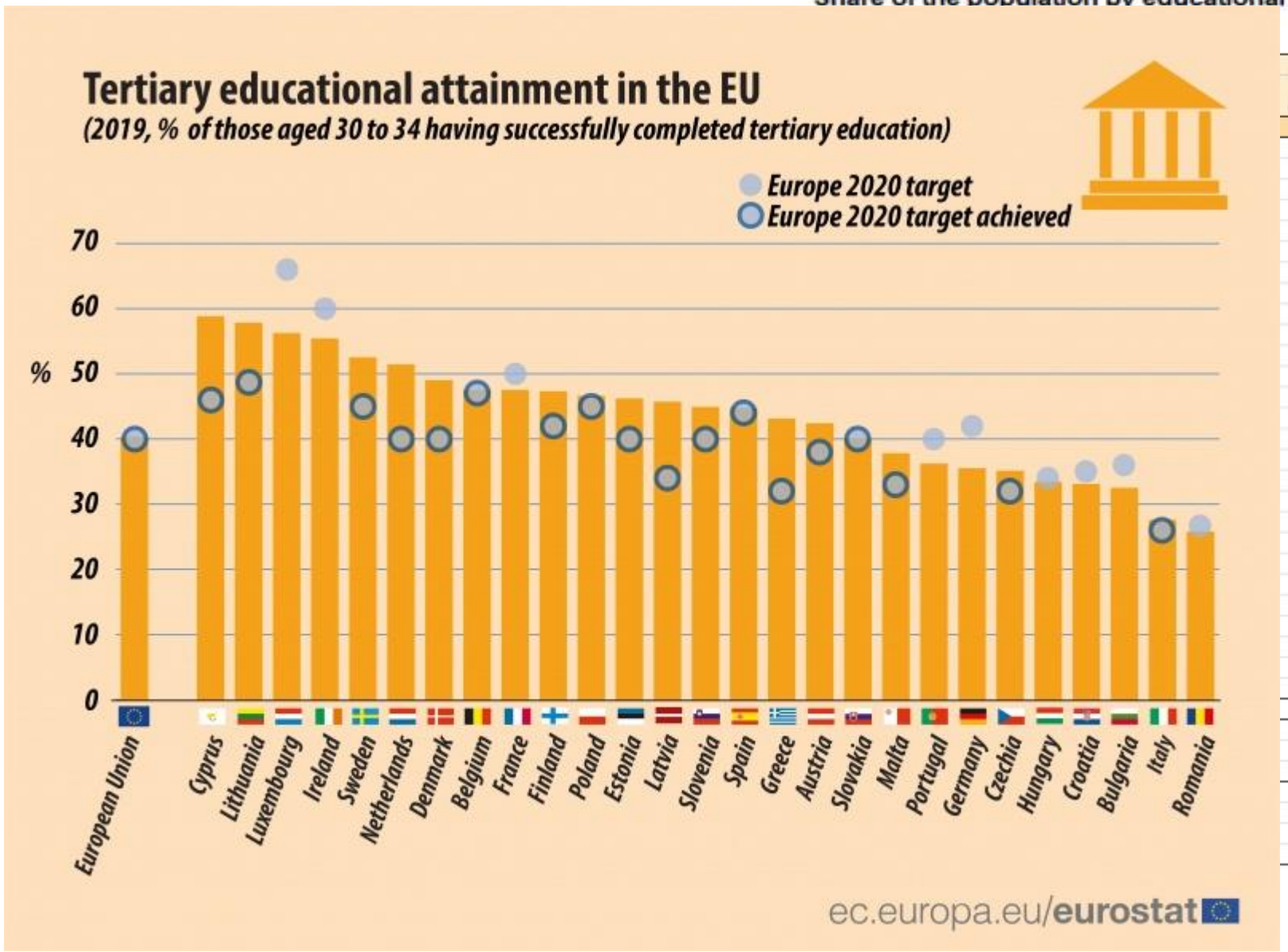
Population with tertiary education

25-34 year-olds, % in same age group, 2019 or latest available

Source: Education at a glance: Educational attainment and labour-force status



Share of the population by educational attainment level and selected age groups, 2019



55–74 years			
High (ISCED 5–8)	Low (ISCED 0–2)	Medium (ISCED 3–4)	High (ISCED 5–8)
34.6	33.8	45.3	20.9
44.0	37.1	34.7	28.2
29.6	23.2	55.5	21.3
26.1	10.9	74.1	15.0
43.0	27.2	43.9	28.9
31.0	14.6	59.1	26.3
41.9	13.3	48.5	38.2
51.3	38.7	32.9	28.4
34.7	48.7	31.8	19.6
42.3	59.7	17.5	22.8
42.5	34.8	42.0	23.2
27.9	30.0	52.1	17.9
22.0	55.7	32.3	12.0
49.5	39.1	37.1	23.8
38.5	9.3	63.9	26.8
47.9	6.4	65.7	27.9
51.3	35.2	35.4	29.4
28.0	22.5	58.7	18.8
33.1	73.3	15.6	11.1
43.7	36.9	35.8	27.3
36.6	22.6	54.1	23.2
37.3	15.3	69.2	15.4
30.1	75.6	11.7	12.6
21.1	35.9	55.8	8.3
37.2	21.8	58.4	19.8
28.7	13.7	71.0	15.3
47.7	22.4	41.2	36.3
47.4	23.2	45.4	31.4
47.2	26.8	38.0	35.2
48.7	32.9	38.3	28.8
46.9	21.1	46.8	32.1
47.6	15.4	52.9	31.7
27.4	24.9	56.0	19.0
23.4	43.8	42.2	14.0
26.2	32.6	49.8	17.7
22.9	81.2	10.1	8.7

eurostat

Indagine innovazione circolarità ed energia sulle imprese manifatturiere Italiane: 2017-18 e 2019-20

(2600 imprese osservate in entrambi i periodi)

Indagine Innovazione circolarità ed energia sulle imprese manifatturiere ER 2017-19

(+ focus su gomma plastica e costruzioni in fieri)

Indagine su industria 4.0 e innovazione organizzativa (dati a fine 2021)

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