

PARC - Η Ευρωπαϊκή Σύμπραξη για την Εκτίμηση Κινδύνου από Χημικά και την Ασφαλή και Βιώσιμη Καινοτομία σε Χημικά, Υλικά και Προϊόντα

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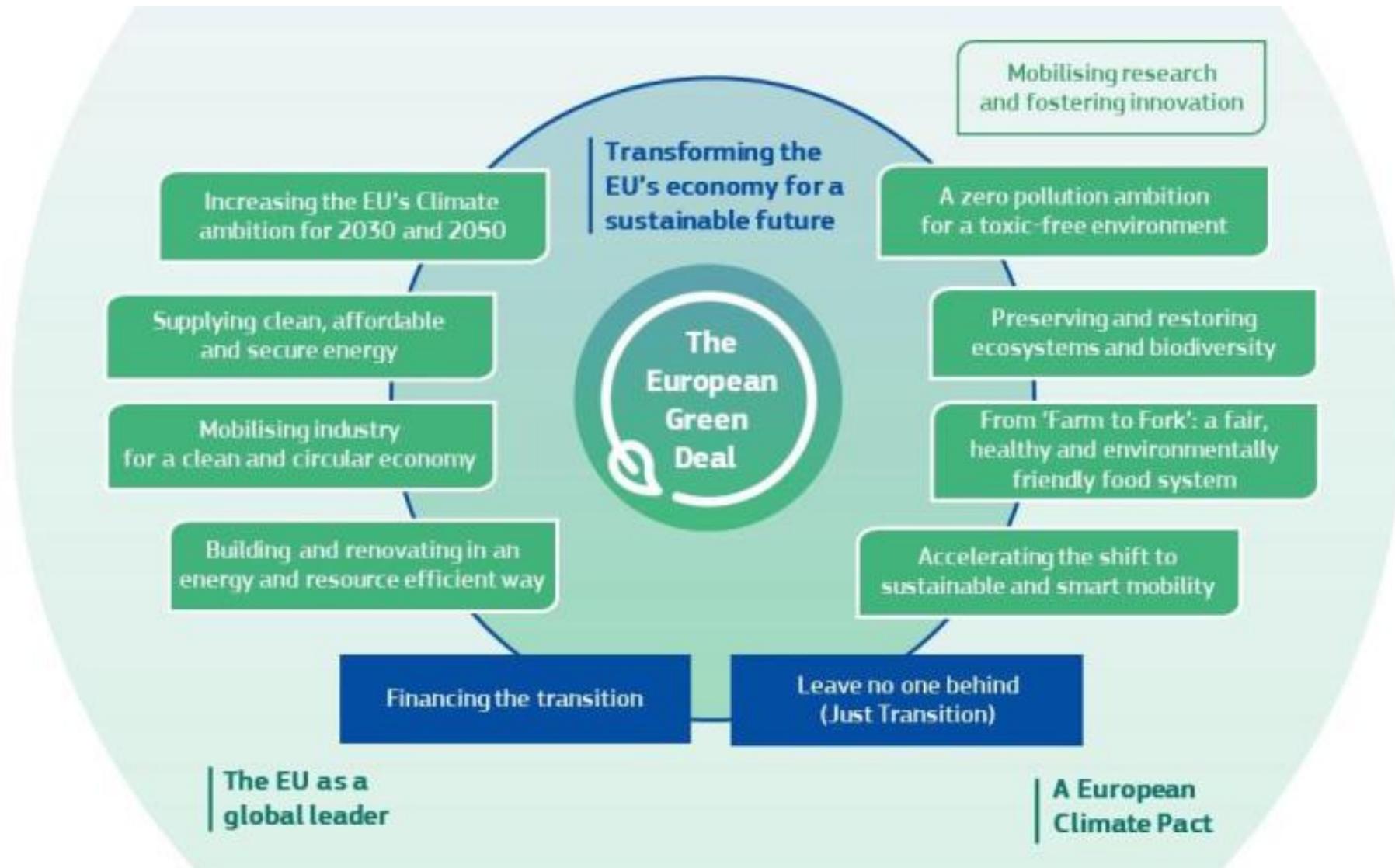
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<http://www.enve-lab.eu/>

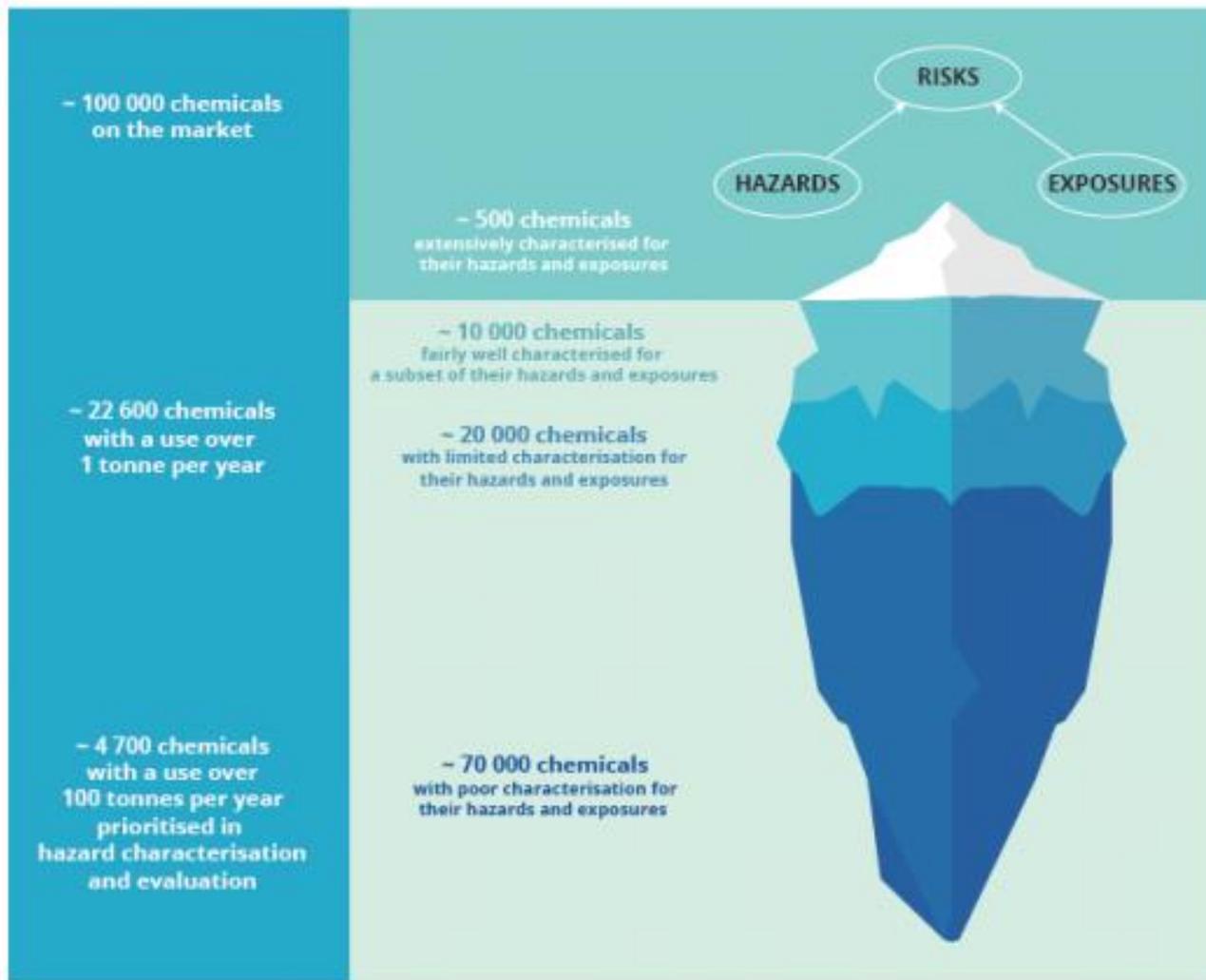
The EU Green Deal

Transforming EU's economy for a sustainable future



EU chemicals strategy

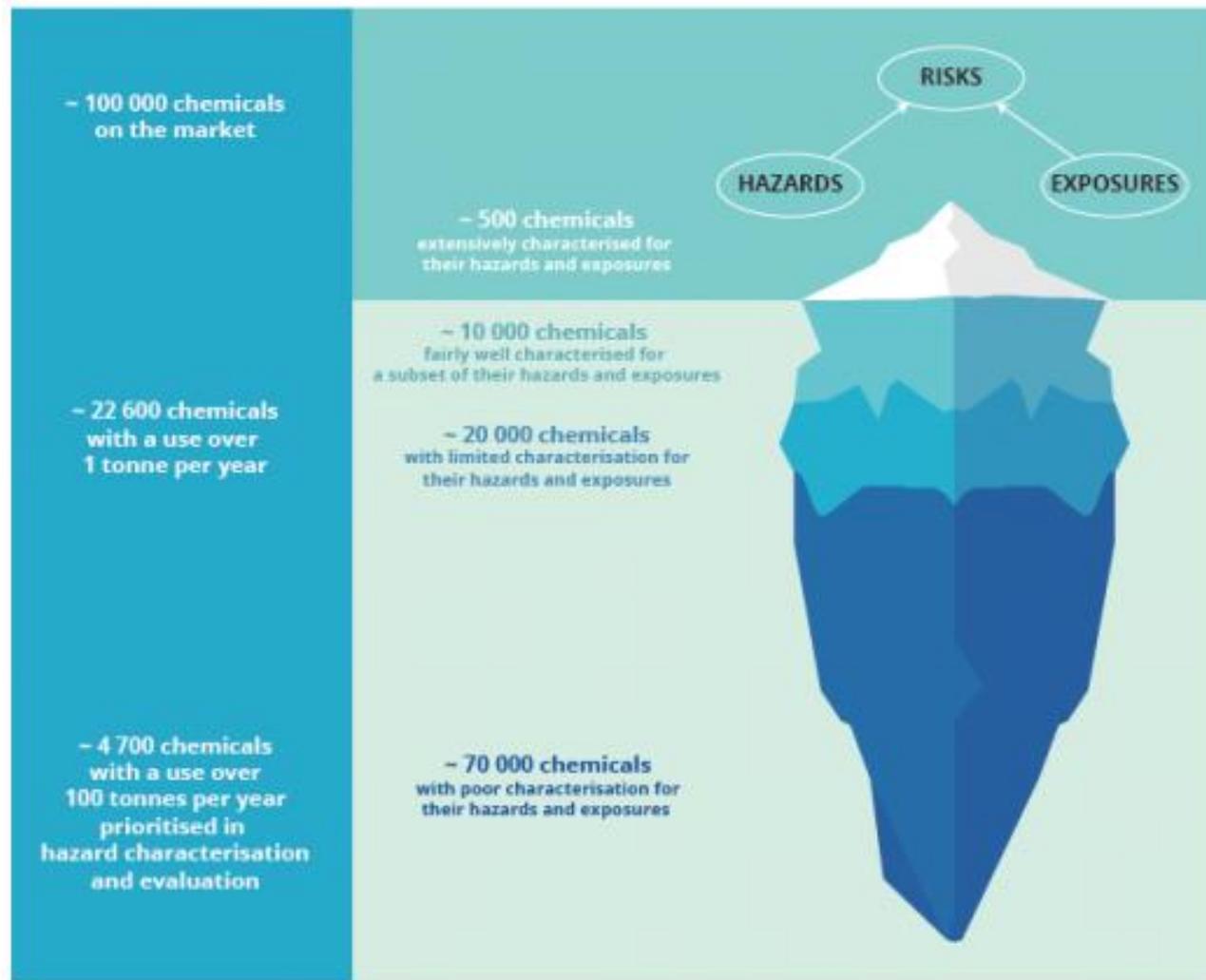
Facts and figures about chemicals



- Global sales of chemicals were 3347 billion euro in 2018, where **Europe was the second biggest producer** (accounting for 16.9% of sales) although this share has halved over the last 20 years and forecasts predict a further decline by 2030 to move from second to third position.
- Chemical manufacturing is the fourth largest industry in the EU** comprising 30000 companies, 95% of which are SMEs, directly employing approximately 1.2 million people and 3.6 million indirectly.
- The EU has a comprehensive framework comprising approximately **40 legislative instruments** including the Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (**REACH**)
- 84% of Europeans** are **worried** about the **impact** of chemicals present in everyday products **on their health**, and **90%** are **worried** about their **impact on the environment**

EU chemicals strategy

The vision

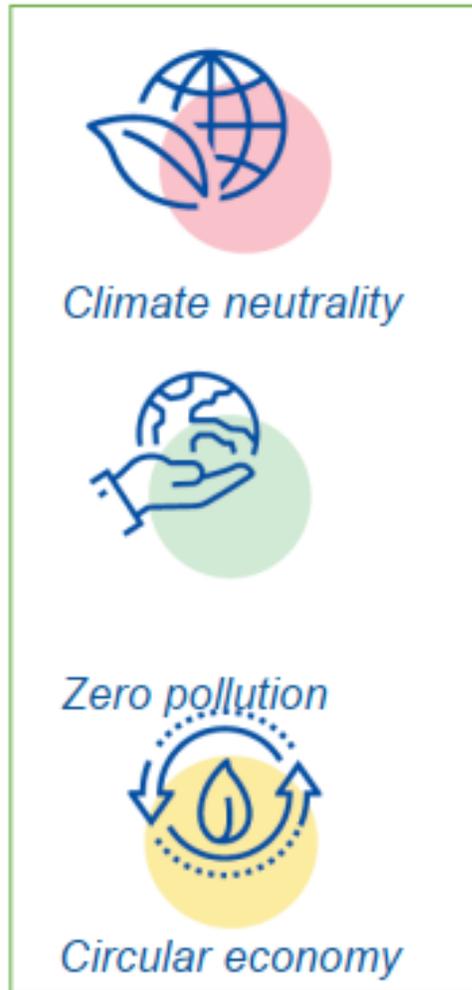


- In line with the European Green Deal, the strategy strives for a toxic-free environment, where **chemicals are produced and used in a way that maximises their contribution to society** including achieving the green and digital transition, while **avoiding harm to the planet and to current and future generations.**
- It envisages the EU industry as a globally competitive player in the production and use of **safe and sustainable chemicals.**
- The strategy proposes a clear roadmap and timeline for the **transformation of industry** with the aim of attracting investment into **safe and sustainable products and production methods.**

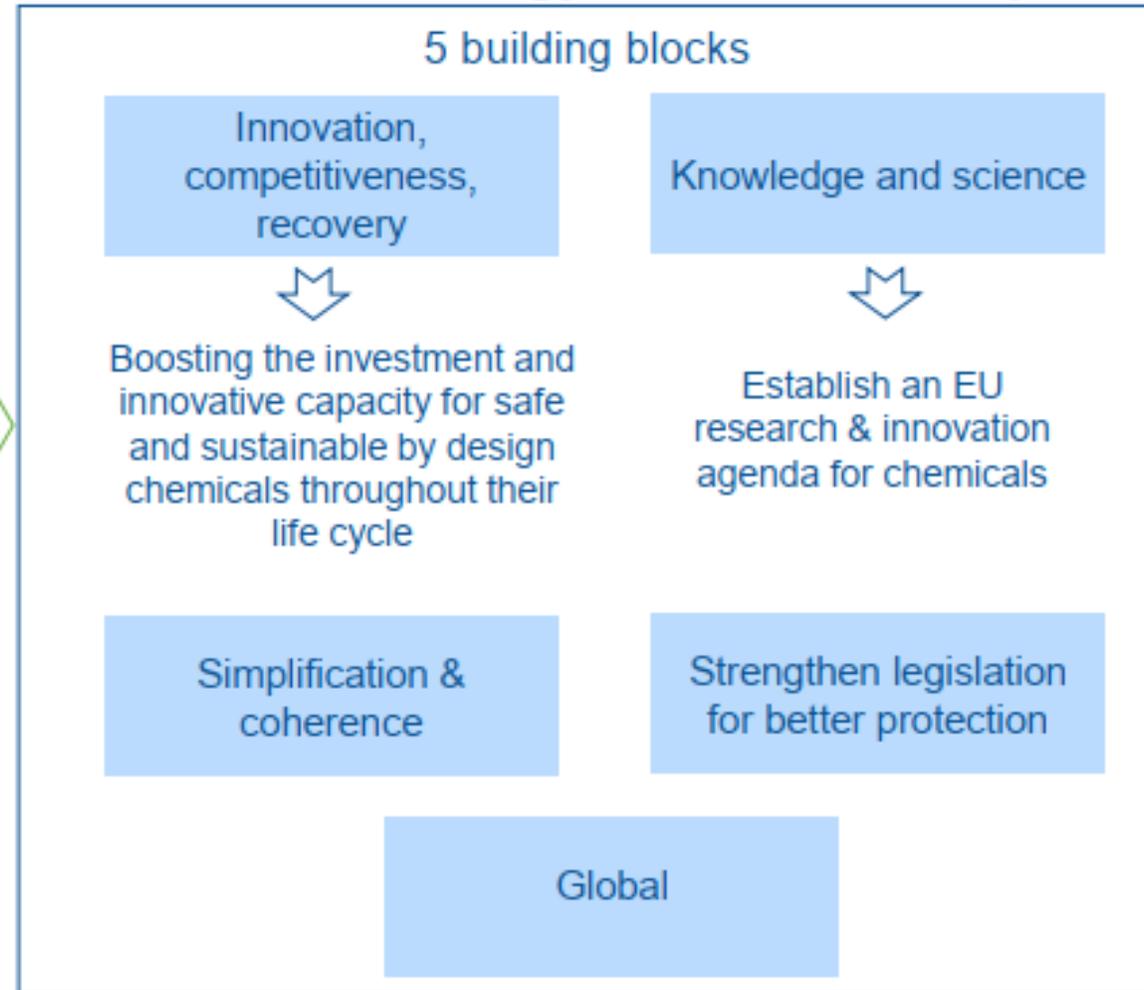
The EU Green Deal

Linking the Green Deal with the Chemicals Strategy for Sustainability

The Green Deal



Chemicals Strategy for Sustainability



Support to Green Deal and Chemical Strategy for Sustainability

Number of participating countries: 27

Austria (AT), Belgium (BE), Croatia (HR), Czech Republic (CZ), Denmark (DK), Estonia (EE), Finland (FI), France (FR), Germany (DE), Greece (EL), Hungary (HU), Iceland (IS), Israel (IL), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Netherlands (NL), Norway (NO), Poland (PL), Portugal (PT), Slovakia (SK), Slovenia (SI), Spain (ES), Sweden (SE), Switzerland (CH), United-Kingdom (UK)

Participating EU agencies/services:

3 agencies: EEA, EFSA, ECHA

and 5 DGs: DG R&I, DG ENV, DG SANTE, DG GROW and JRC

Pending countries for whom participating entities are still to be confirmed : 4

Bulgaria (BG), Cyprus (CY), Ireland (IE), Romania (RO)

- A public-public **partnership** under Horizon Europe

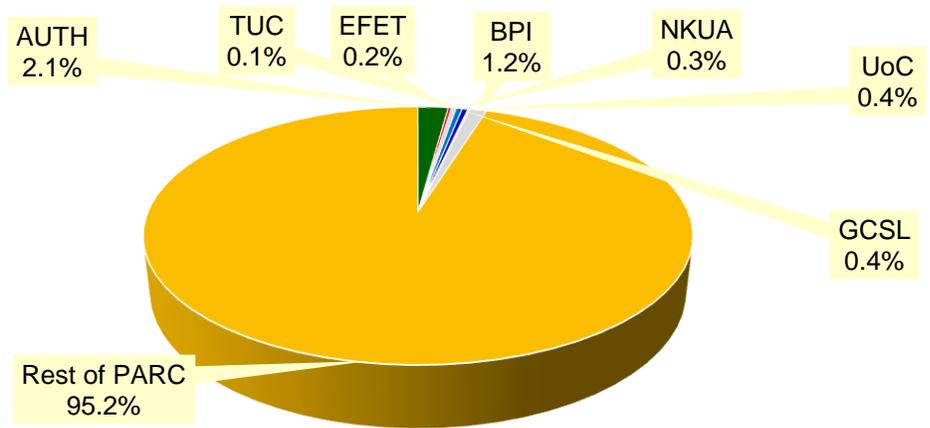
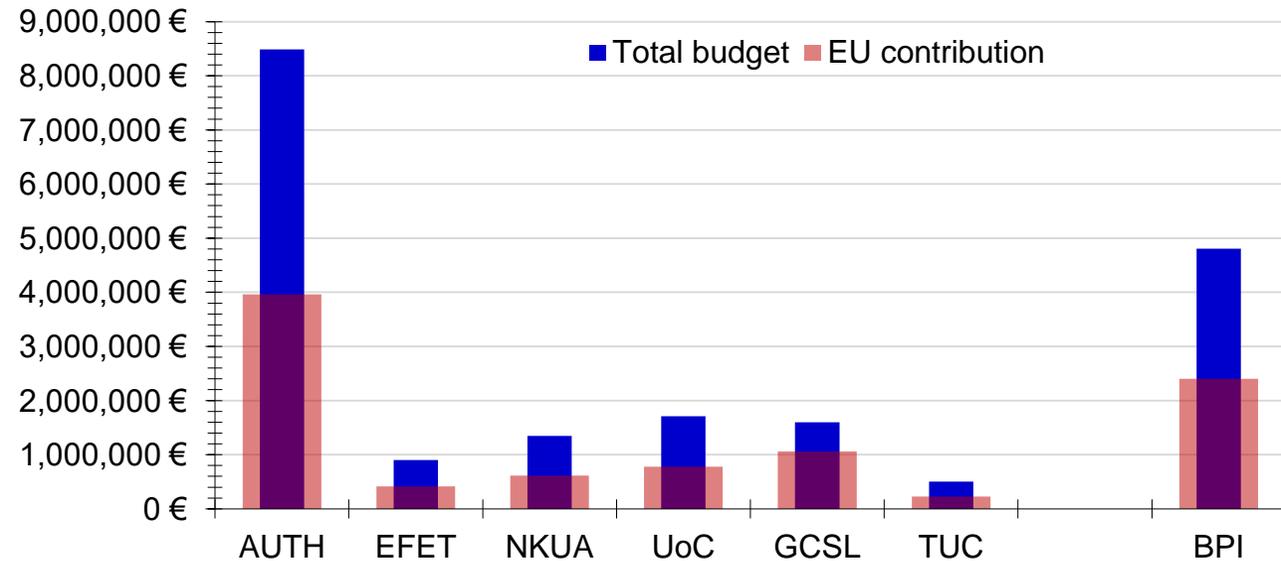
- 7 years partnership – **400 millions euros co-funded**

- An initiative where the **European Union**, prepared with early involvement of **Member States and Associated Countries**, together with public partners (EU and National Risk Agencies, Universities, Public Research Organisations), commit to **jointly support the development and implementation of a programme** of research and innovation activities in relation with **the assessment of risk of chemicals**.



PARC project

Greek participation

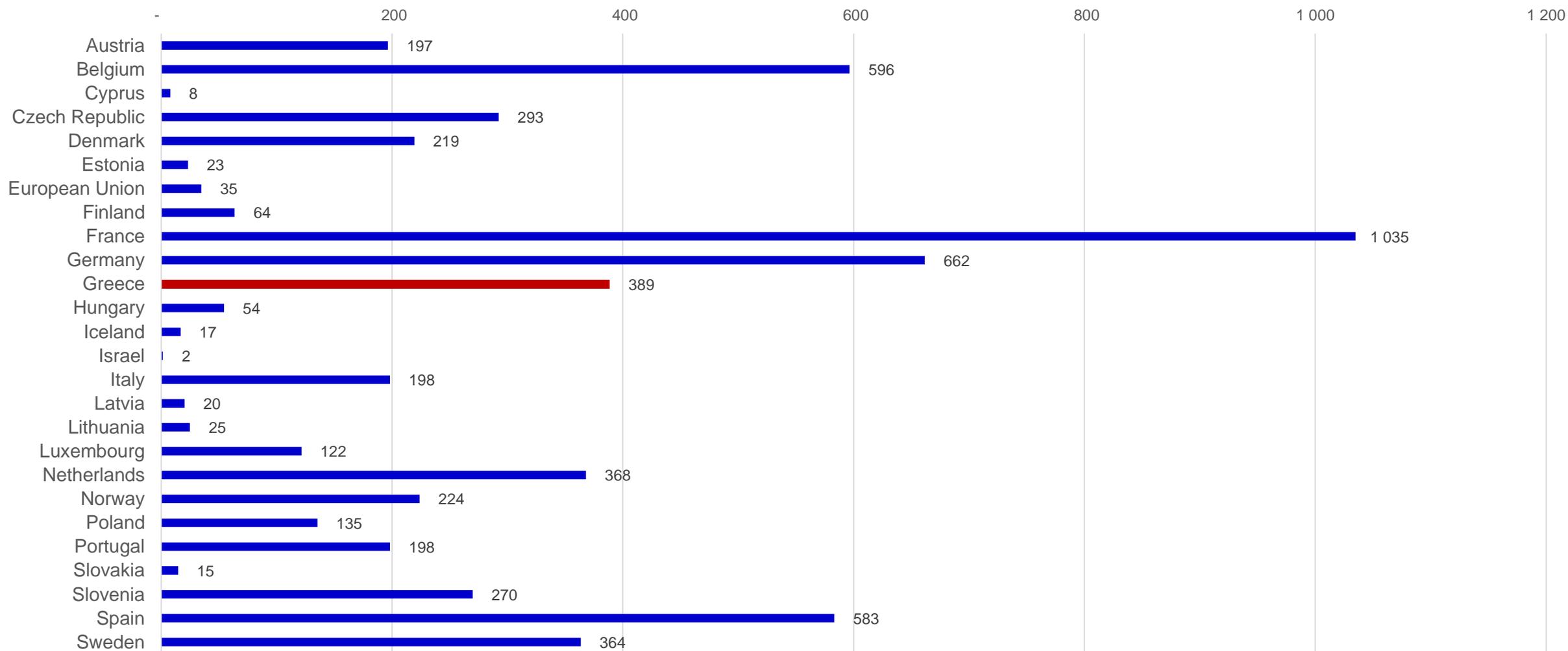


■ AUTH ■ EFET ■ NKUA ■ UoC ■ GCSL ■ TUC ■ BPI ■ Rest of PARC

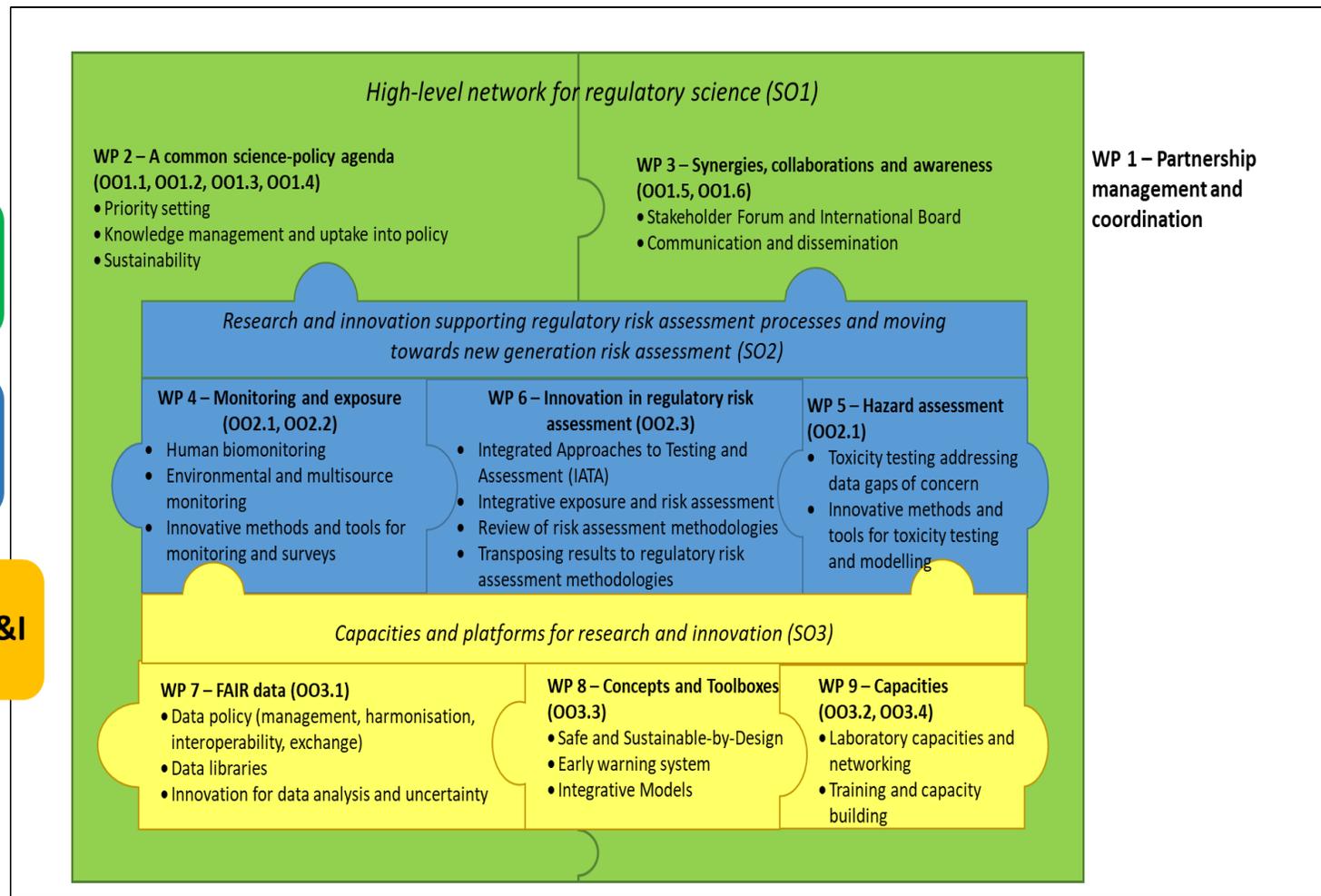
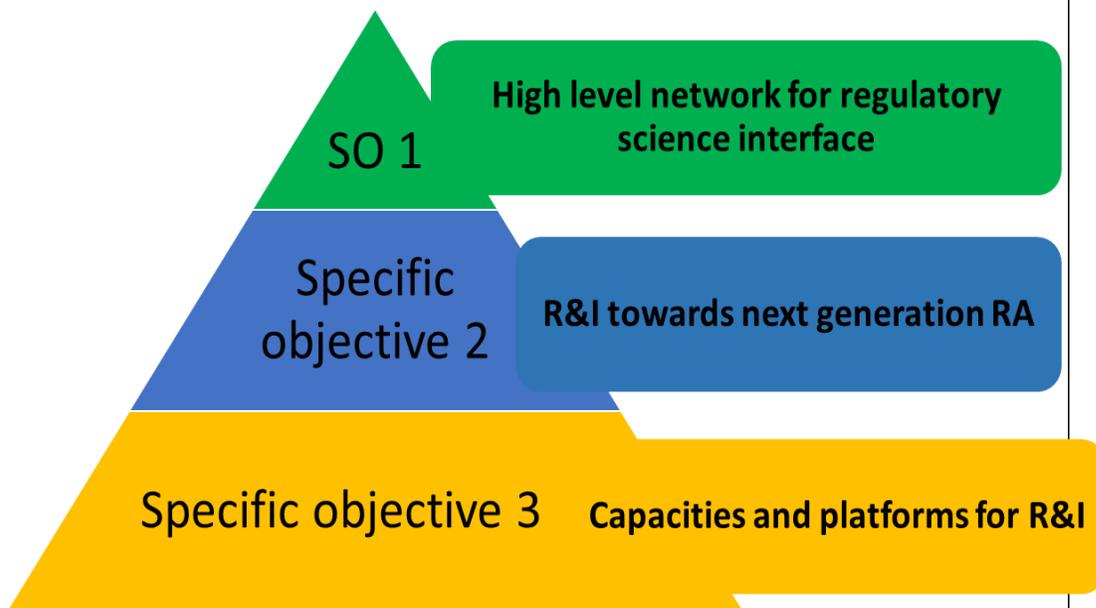
PARC project

Greek participation

Year 2 Planned PM per country for Beneficiaries and Affiliated Entities



Support to Green Deal and Chemical Strategy for Sustainability



https://ec.europa.eu/info/sites/default/files/research_and_innovation_funding/documents/ec_rtd_he-partnerships-chemical-risk-assessment.pdf

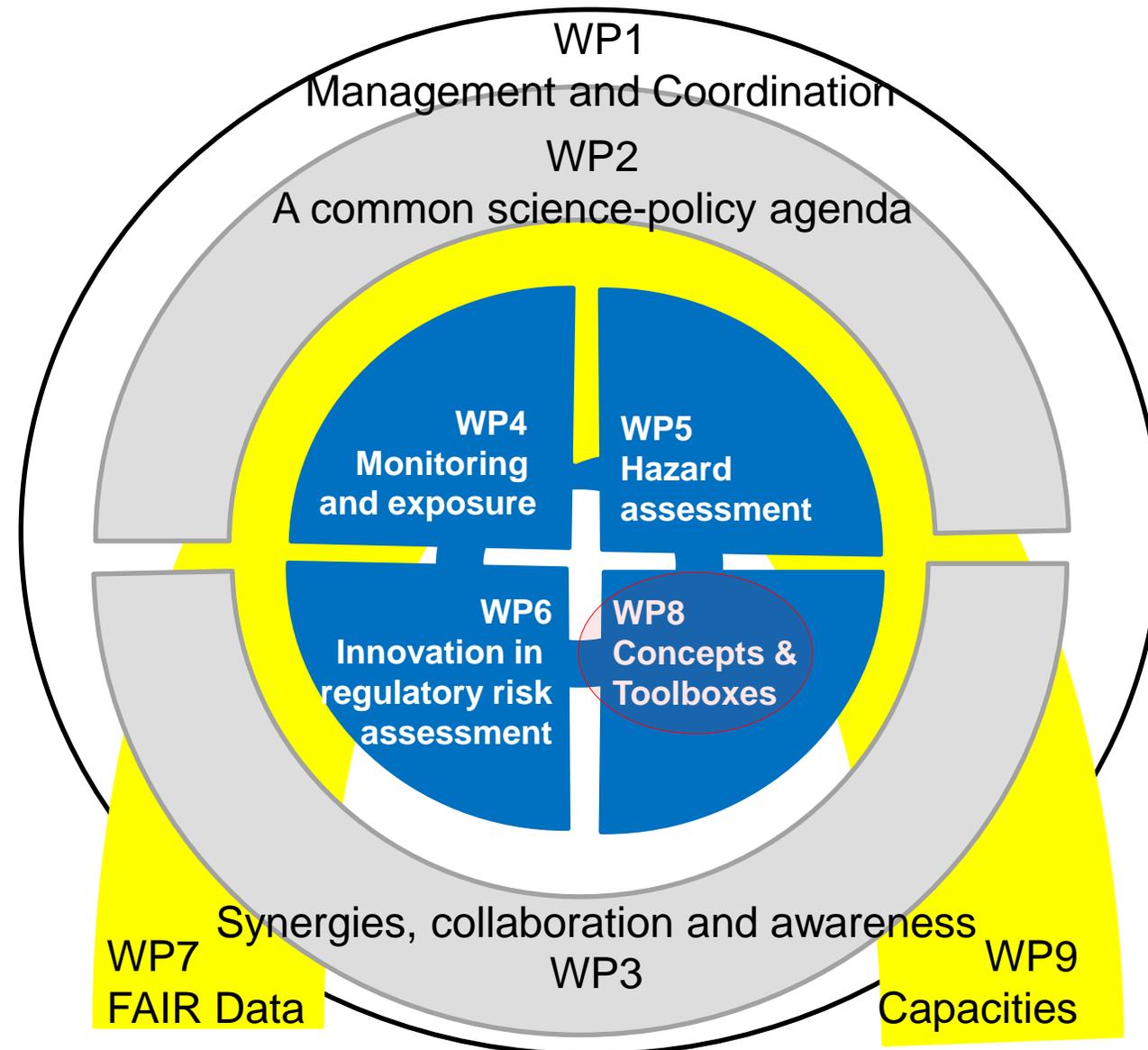
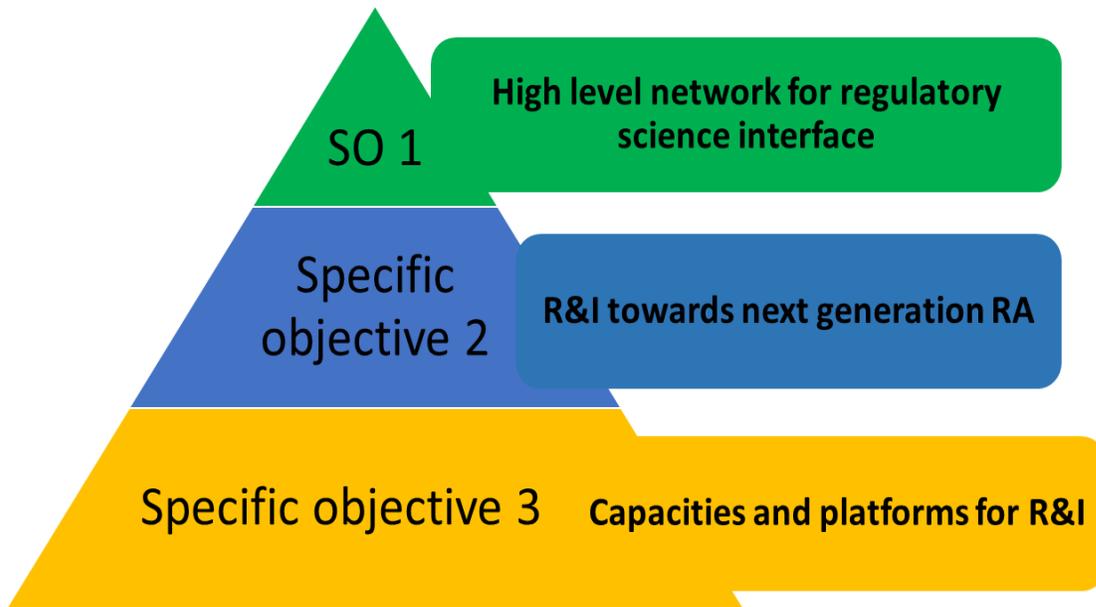
SO: Specific Objectives
OO: Operational Objectives

PARC project

Greek participation in PARC WPs

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9
AUTH	X	X	X	X	X	X	X	X	X
EFET			X	X				X	
GCSL	X	X	X					X	X
NKUA			X	X				X	
UOC			X	X	X			X	
TUC				X				X	
BPI			X	X	X	X			X

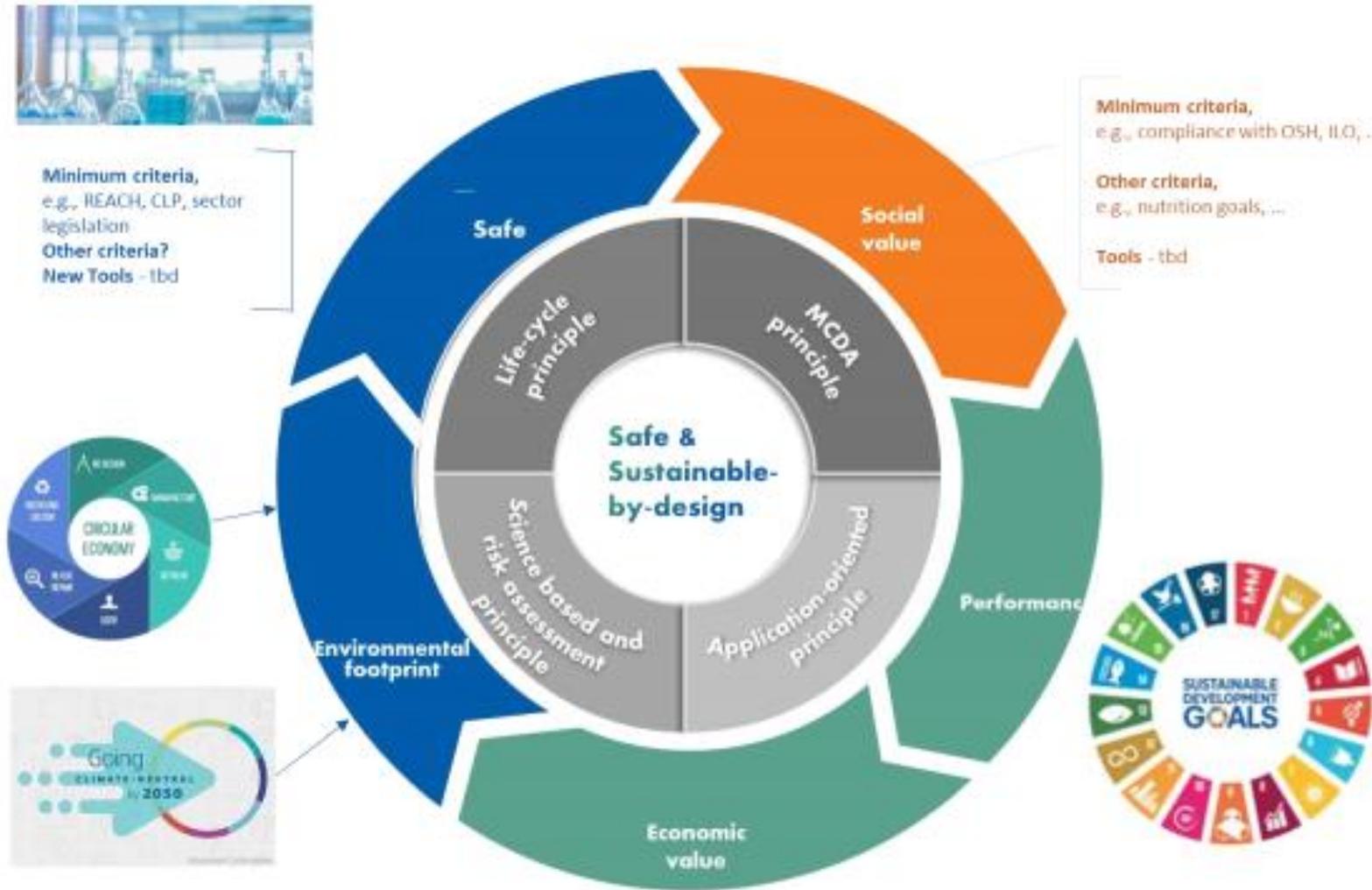
Support to Green Deal and Chemical Strategy for Sustainability



https://ec.europa.eu/info/sites/default/files/research_and_innovation/funding/documents/ec_rtd_he-partnerships-chemical-risk-assessment.pdf

Safe and Sustainable by Design (SSbD)

A cornerstone for success of Green Deal and CSS



Safe and sustainable by design:
Process to design products & technologies that are safe, bring environmental, economical and social value through their applications, and are accelerating the transition towards a circular economy and climate-neutral society