

From compliance to sustainability and circularity

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The European Chemicals Agency

- EU Agency operating in Helsinki since 2007
- Implementing several European legislations related to chemicals
- 600 staff from 28 countries
- Funding partly from fees, partly from EU subsidy



Our competences:

Data management

Assessment of chemicals

Risk management of chemicals

Impact analysis of chemicals

Working for the safe use of chemicals

PIC

import and export
of hazardous
substances

POPs

persistent organic
pollutants

Waste

database of products
with substances of
concern

Workers

occupational
exposure limits

REACH

substances made or imported above 1 tonne

Biocides

active substances in biocidal products

Classification, labelling, packaging

substances and mixtures

Main actors



Providing data

Industry gathers information and makes sure risks are managed



Evaluation

ECHA and Member States screen and check the data and request more if needed



Risk management

European Commission, with support of ECHA and Member States, applies EU-wide risk management measures

Safe use under REACH

Information in the
supply chain

Hazard & Use
Info

Safety
Assessment

e-SDS

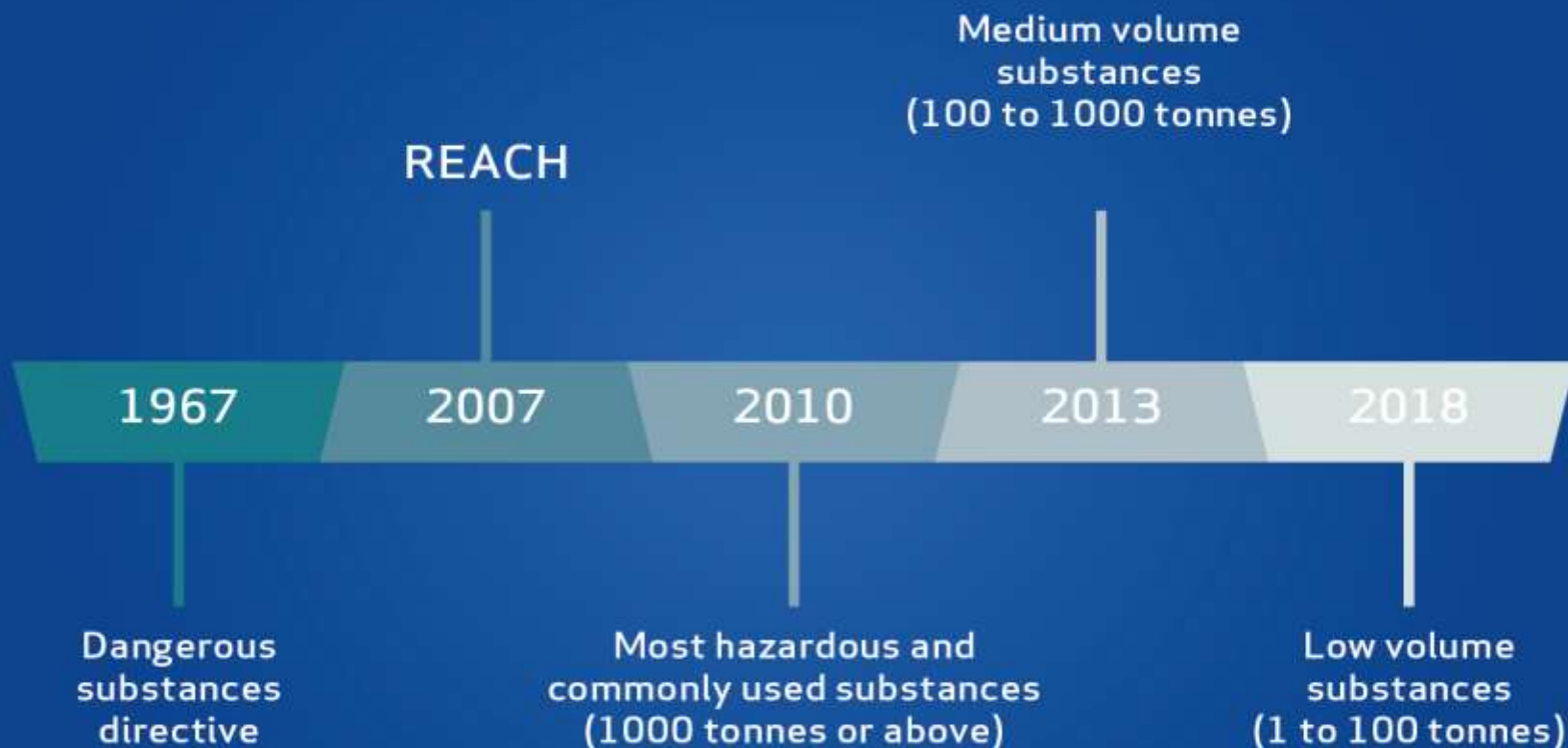
Safe
use

Registration dossiers:

- ✓ Completeness check
- ✓ Compliance check

All substances > 1 tpa now registered

- 23 000 substances - 97 000 registration dossiers
- Can be searched via ECHA website



More data on chemicals than ever before

201

substances of very high concern

600

risk management proposals

2200

substances checked for compliance

23 000

substances registered under REACH

145 000

substances classified under CLP

>2 million

study summaries on chemical properties and effects

Visit our regulatory chemicals database – largest in the world

- Information on hazards and safe use of **140 000** chemicals
- 24 000 daily users

echa.europa.eu



Strategic aims 2019-2023

- Identification and risk management of substances of concern
- Safe and sustainable use of chemicals by industry
- Sustainable management of chemicals through the implementation of EU legislation



REACH Evaluation Joint Action Plan

1. Address all substances

- 16500 substances registered in full in 66000 dossiers (2018)
- By end 2020: put all substances >100T in 'regulatory pools'
 - i) of priority for regulatory risk management,
 - ii) currently of low priority for further regulatory action, or
 - iii) need more data for a judgement to be made → candidates for CCH
- By 2023: info requested for registrations >100T needing CCH
- By 2027: info requested for registrations 1-100T needing CCH

2. Improve clarity of legal provisions

3. Accelerate decision making

4. Improve follow-up and enforcement of decisions

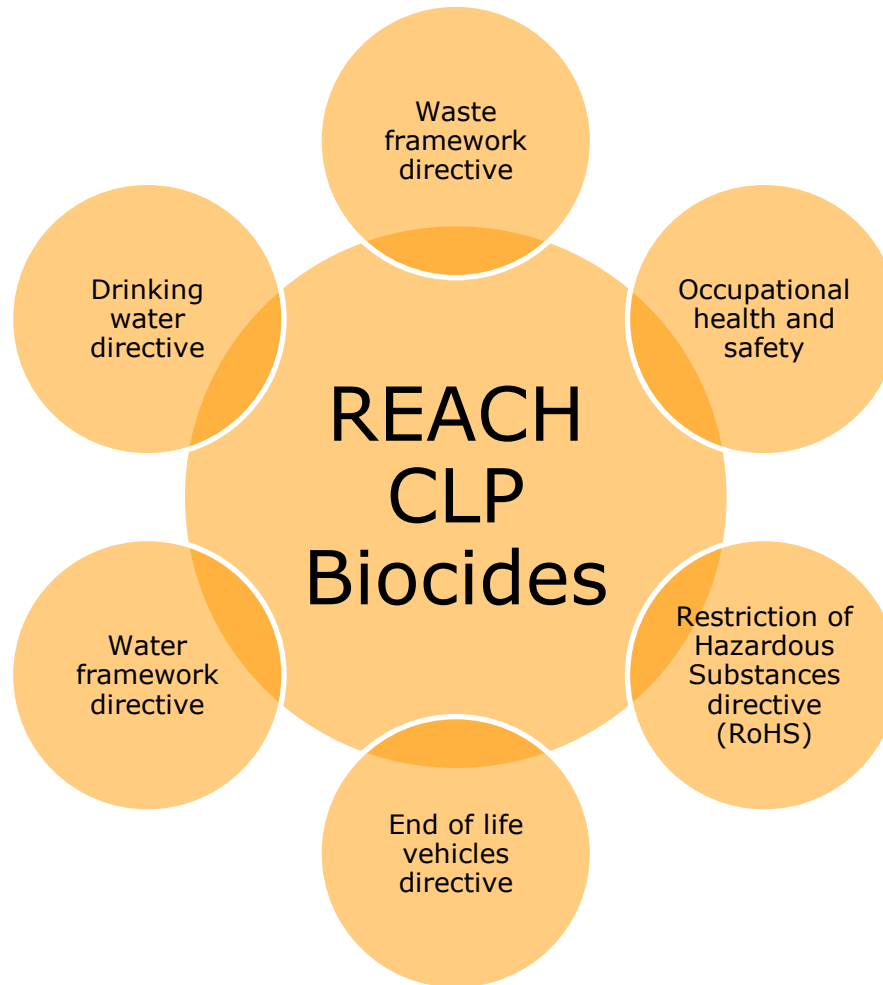
5. Industry takes on the compliance challenge

<https://www.echa.europa.eu/-/echa-to-scrutinise-all-reach-registrations-by-2027>

Chemicals management = solution provider for SDGs



How investing in chemicals legislation can benefit other legislation areas

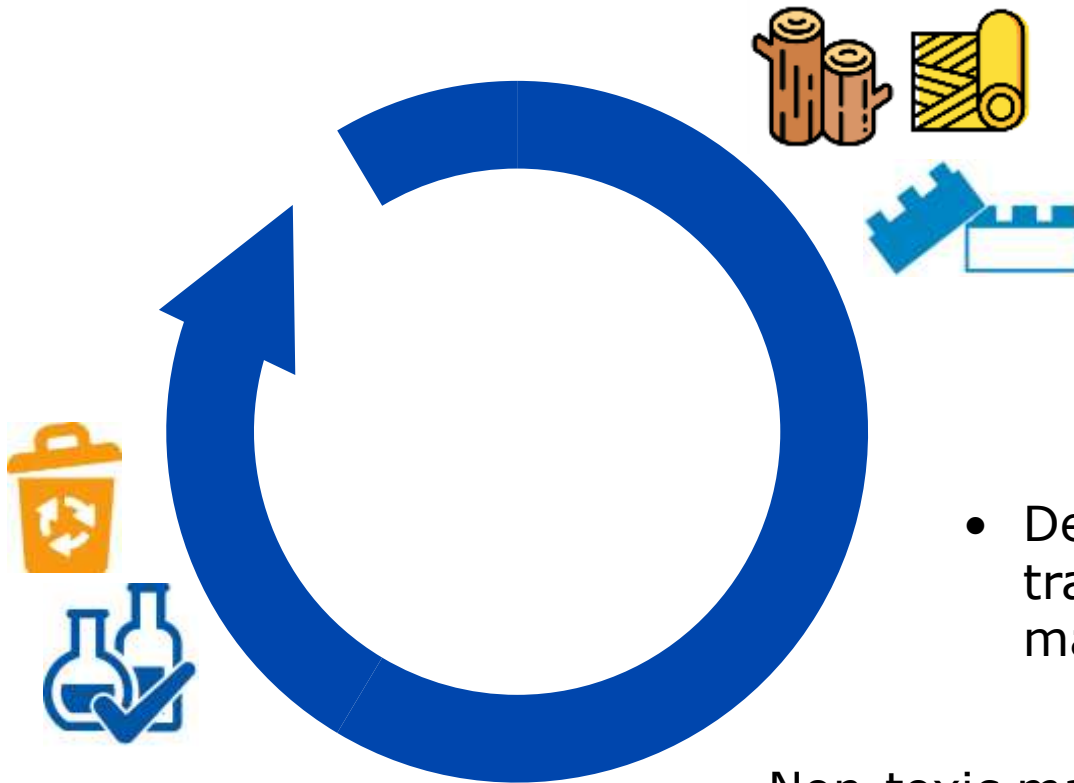


Sustainable chemistry & compliance

- Active use of REACH data in innovation and product design
 - Know your chemicals portfolio
 - Know and manage the risks, throughout the life-cycle
 - Integrate safety into your R&D
- Be proactive, not reactive
 - Is my substance on an list?
 - ✓ Do the properties of my substance trigger listing?
 - Avoid regrettable substitution
 - ✓ Know the properties & risks of your substitute
 - Safe by design



Chemicals in circular economy

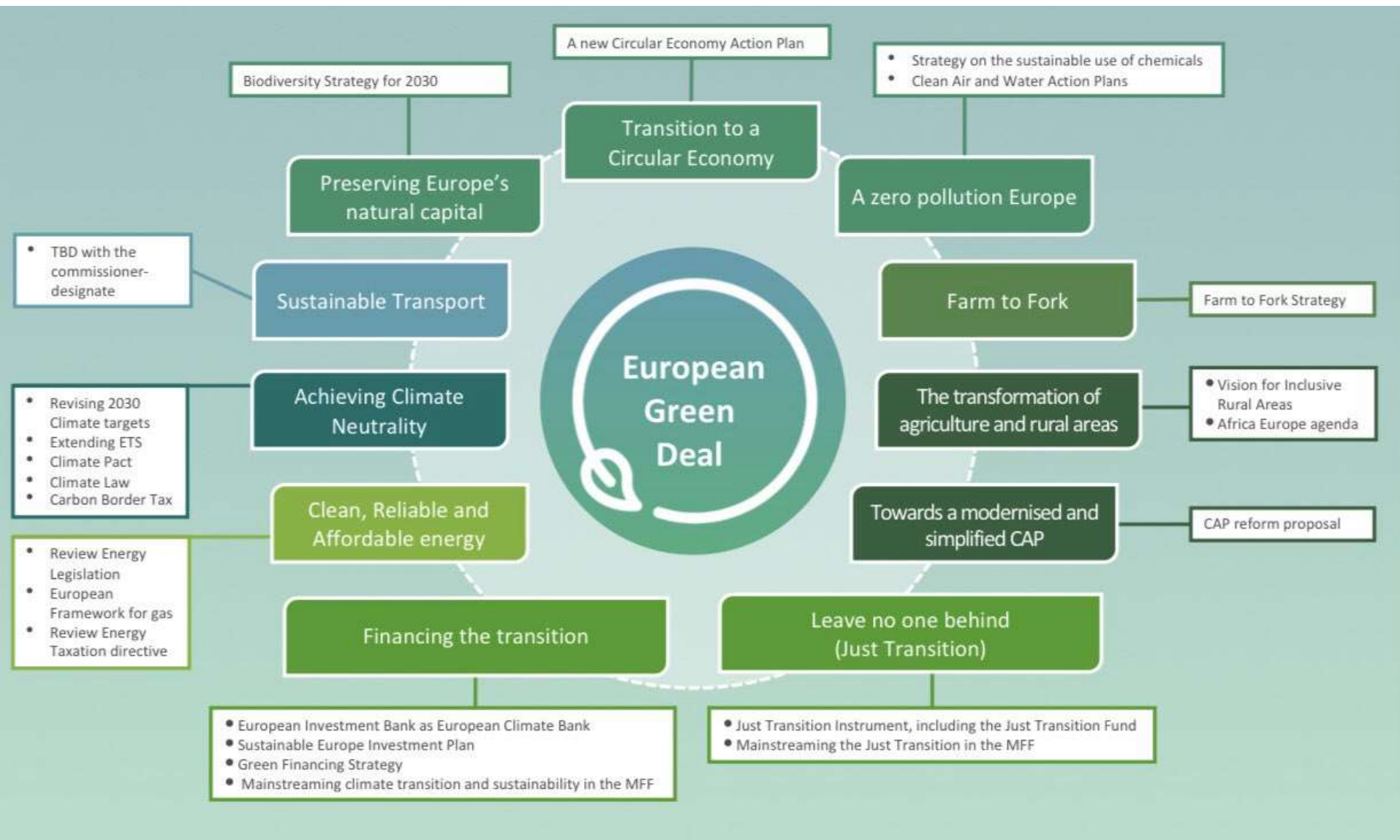


- Material = mixture of chemicals
- Continue generating hazard data for substances

- Develop tracking and tracing of substances in material cycles

- Non-toxic material cycles

- Chemicals, waste, products interface



Thank you!

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