

# Chemicals Management

## Examples of legislation and Policy

*IAMC Toolkit*

*Innovative Approaches for the Sound Management of  
Chemicals and Chemical Waste*



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



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# REACH and other chemicals related legislations

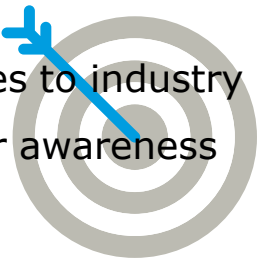
# I - REACH And Other Chemicals Related Legislations



**European  
chemicals  
legislation**



Ensure safe use of substances  
Shift of responsibilities from authorities to industry  
Increased transparency and consumer awareness  
Sustainable development



# I - REACH And Other Chemicals Related Legislations

## 4 ESSENTIAL ELEMENTS



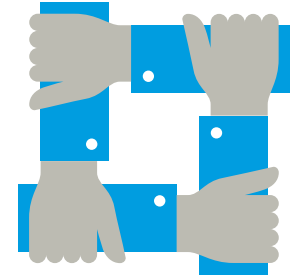
**Identification  
&  
Registration**



**Evaluation**



**Authorization  
&  
Restriction**



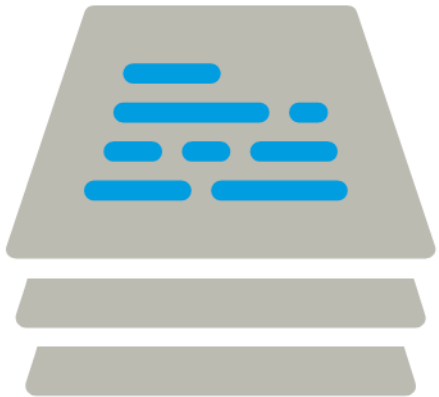
**Intensified  
cooperation  
in the supply  
chain**



**Prerequisite for  
Chemical Leasing**

# I - REACH And Other Chemicals Related Legislations

## AUTHORIZATION UNDER REACH



**Annex XIV  
substances**  
Authorization List



### Application for Authorization

CSR    AoA    SEA



Requirements of CSR, AoA  
and SEA must be fulfilled

Further use of the  
substances for a  
particular  
application is  
possible for 4, 7  
or 12 years  
(Review Period)

# I - REACH AND Other Chemicals Related Legislations



Cornerstone environmental health and safety  
<https://www.corner-enviro.com/ghs/>

## GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION LABELLING AND PACKAGING

**Introduced  
by  
UNECE**

**Implemented  
by the REACH  
and GHS  
Regulation**

Worldwide harmonization  
of the classification and  
labeling of chemicals

Introduction of a standardized  
hazard communication: by Safety  
Data Sheets and Labelling



# I - REACH And Other Chemicals Related Legislations



BASEL CONVENTION



Rotterdam  
Convention



STOCKHOLM  
CONVENTION

## THE BRS CONVENTIONS

**Basel Convention** on the Control of Transboundary Movements of Hazardous Wastes and their Disposal

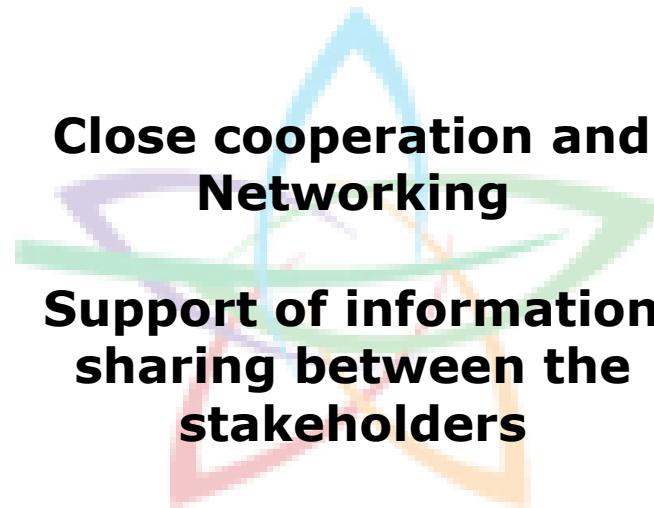
**Rotterdam Convention** on Shared Responsibility (PIC)

**Stockholm Convention** on Persistent Organic Pollutants

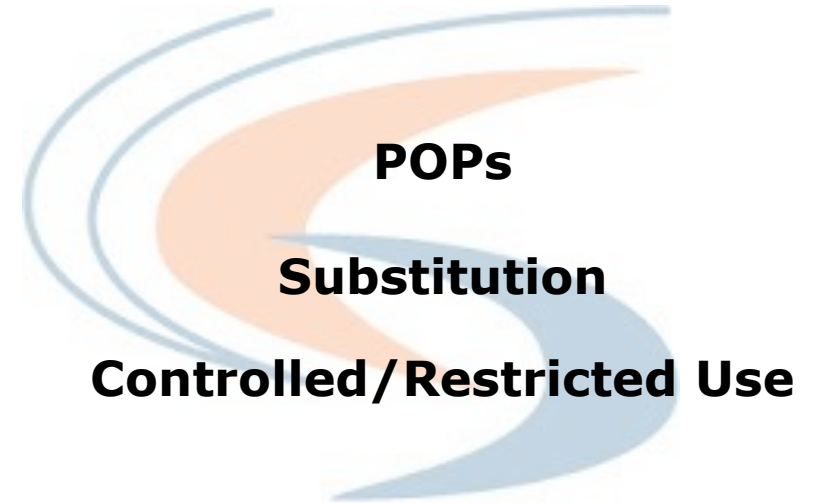
# I - REACH And Other Chemicals Related Legislations



BASEL CONVENTION



Rotterdam  
Convention



STOCKHOLM  
CONVENTION



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# SAICM, Cleaner Production and Responsible Care

## II - SAICM, Cleaner Production And Responsible Care



**S**trategic  
**A**pproach to  
**I**nternational  
**C**hemicals  
**M**anagement

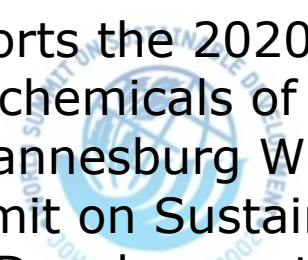
Policy framework  
to promote  
chemical safety



Multi-stakeholder and  
multi-sectoral  
Preparatory Committee



Supports the 2020 Goal  
for chemicals of the  
Johannesburg World  
Summit on Sustainable  
Development



## II- SAICM, CLEANER PRODUCTION AND RESPONSIBLE CARE



## II - SAICM, Cleaner Production And Responsible Care



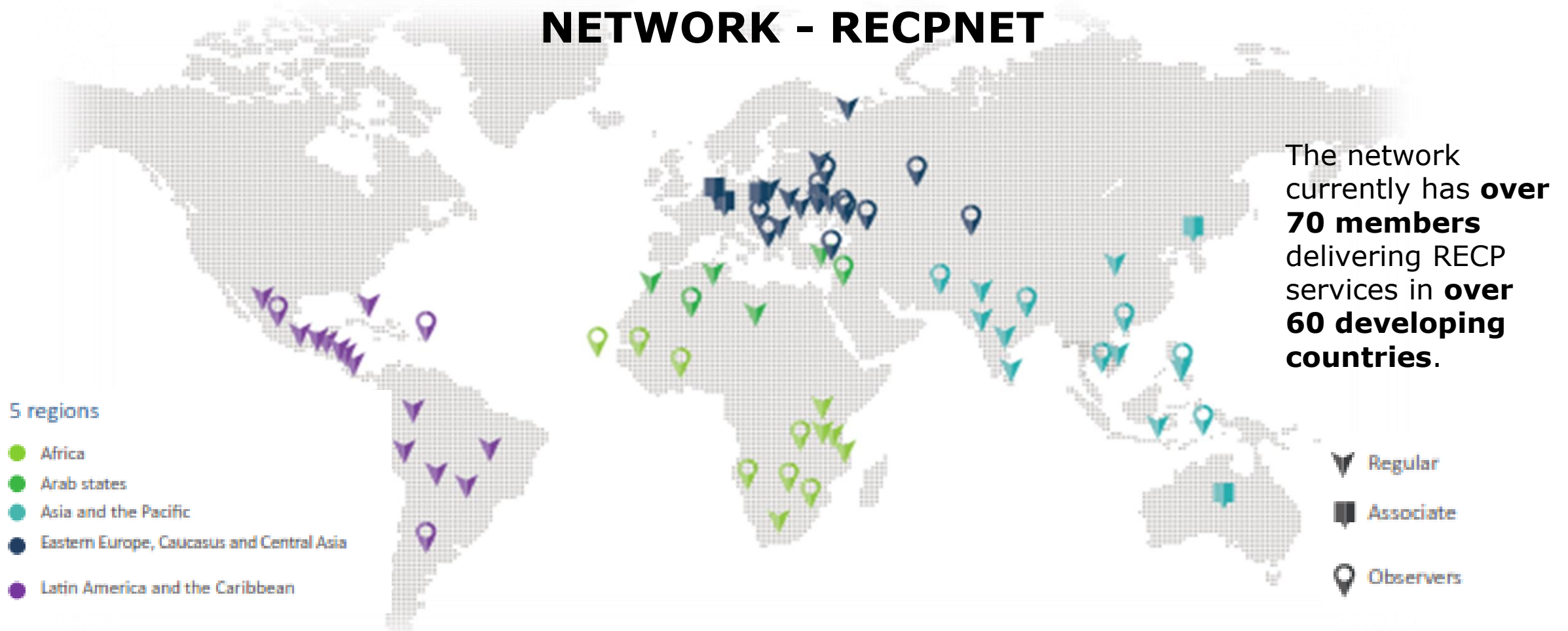
Cleaner Production is the continuous application of an integrated preventative environmental strategy to processes, products and services to increase efficiency and reduce risks to humans and the environment.

UNIDO definition



## II - SAICM, Cleaner Production And Responsible Care

### RESOURCE EFFICIENCY AND CLEANER PRODUCTION NETWORK - RECPNET



## II - SAICM, Cleaner Production And Responsible Care



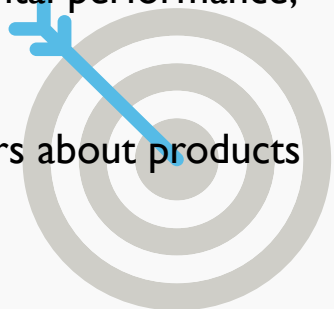
**Responsible Care**<sup>®</sup>  
OUR COMMITMENT TO SUSTAINABILITY

**Global chemical industry's unique initiative**

**60 countries all around the world**

**The International Council of Chemical Associations (ICCA)**

Improve health and environmental performance,  
Enhance security,  
Communicate with stakeholders about products and processes



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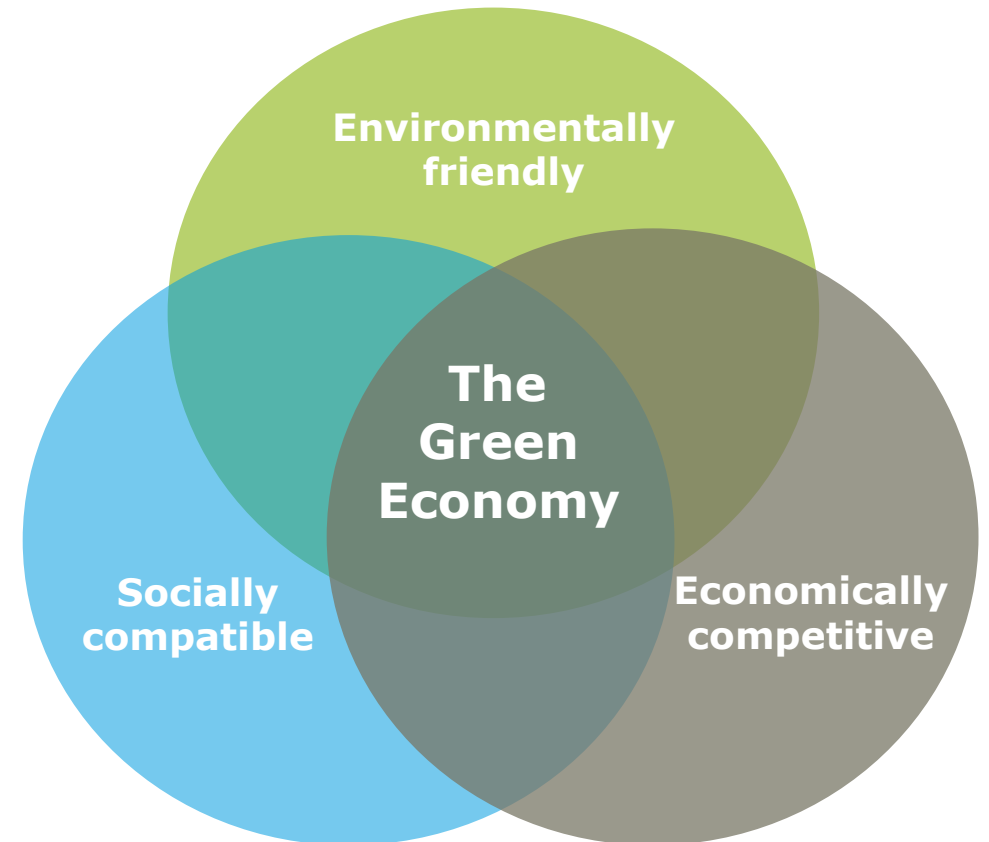
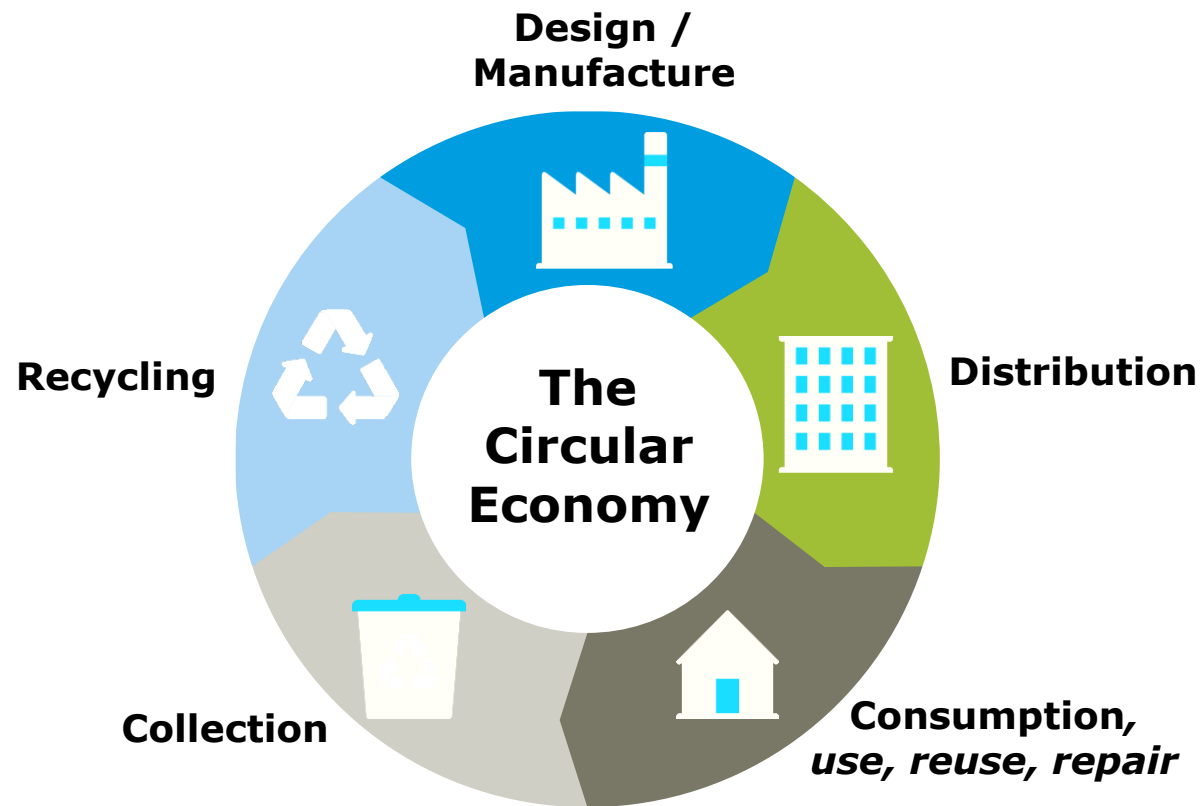
# The Circular Economy and the Green Economy





# III - The Circular And The Green Economy

## CONCEPTS



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# The Agenda 2030 and the Sustainable Development Goals



# IV - The Agenda 2030 And The Sustainable Development Goals



## UN AGENDA 2030

**The United Nations**  
**Governments**  
**Businesses**  
**Civil society**

Plan of action for  
people, planet and  
prosperity

Call for  
action by all  
countries

**17 SDGs and  
169 targets**

**SDGs shall  
stimulate action  
until 2030**



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