

Responsible management of packaging from Plant Protection Products



Report 2024

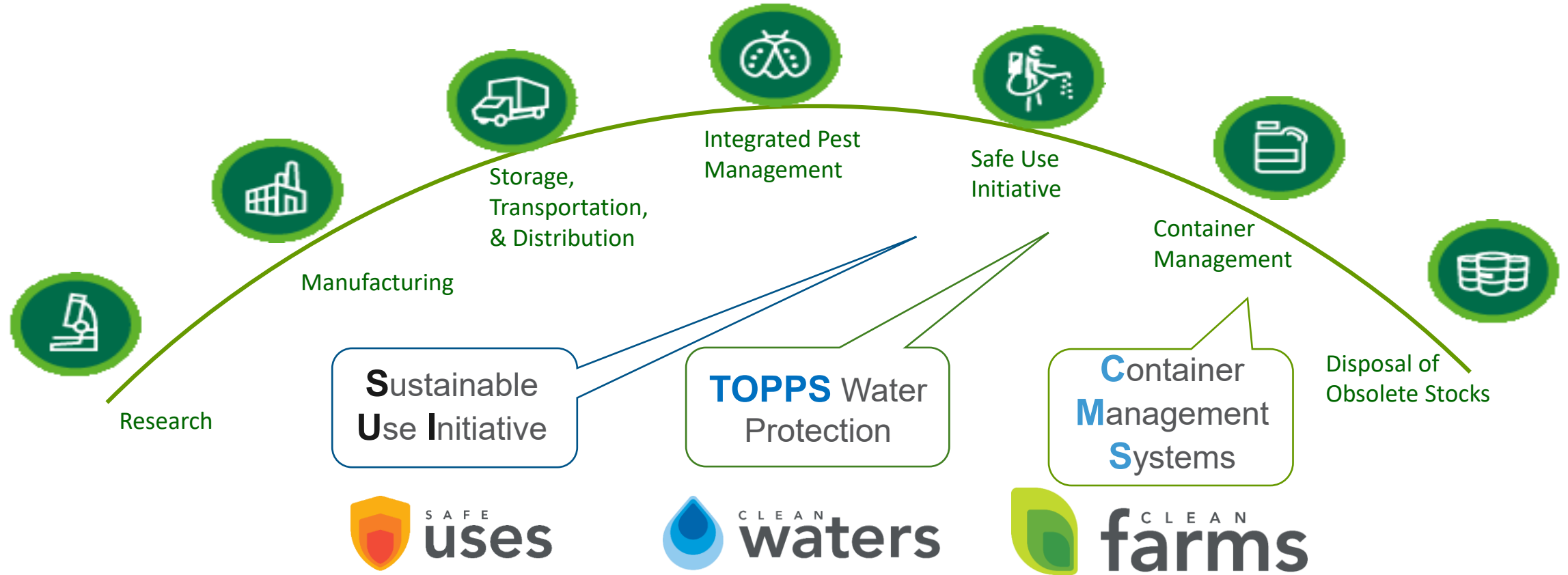
MONITORING OF THE INDUSTRY COMMITMENTS
FOR THE CIRCULAR ECONOMY

Introduction

CONTAINER MANAGEMENT STRATEGY (CMS), THE
INDUSTRY INITIATIVE FOR THE RESPONSIBLE
MANAGEMENT OF PACKAGING FROM CROP
PROTECTION PRODUCT

Industry initiatives for Container Management

Stewardship Lifecycle for Crop Protection Chemicals



from Discovery

Company Activities

**Stewardship encompasses
Entire product life cycle**

to Recovery

Association Activities

Industry initiatives for Container Management

Objectives & Activities

Objectives

- Prevent the production of hazardous waste and the residues exposure for humans and the environment
- Maximise the collection of empty packaging
- Contribute to circular economy by promoting safe recycling of high value material

Key Activities

- Promote proper container rinsing to minimize residues & risks
- Retrieve empty pesticide packaging from farms via build up of country-specific collection systems for agrochemical packaging
- Achieve suitable disposal or recycling end-use



Implementation of Container Management Strategies

Essential Expectations for sound Container Management Strategy

Objectives:

- ❖ **Legal compliance &** Preparedness for new legal requirements
- ❖ Mitigate risks
- ❖ Consistent implementation of collection programmes & **Industry's Commitments**
- ❖ Provide guidance & key principles
- ❖ Materials **traceability**; performance **transparency** & industry **credibility**
- ❖ Long term industry's **licence to operate**

Compliance to the industry expectations will be monitored from 2026 onwards



Essential Expectations for the management of packaging for Plant Protection Products (PPP)

- 1) The collection system meets **all local and European regulations**
- 2) PPP packaging is collected and managed in **separate stream** for agricultural packaging waste
- 3) Service provided for **all primary PPP packaging** (single-trip; < 25L) and for **all professional users**
- 4) **Net costs of the systems** are covered following the principle of Extended Producer Responsibility
- 5) **Adequate information** is provided to users of plant protection products (PPP)
- 6) **Proper rinsing** of rinseable packaging is ensured, particularly when packaging are collected as non-hazardous waste and/or sent for recycling
- 7) **Traceability & monitoring** is ensured from collection to final treatment and types, location and undertakings for **recovery or disposal operations** are known and approved, with **landfilling** considered as not acceptable.
- 8) **End-use applications for the recycled material** are selected based on the approved list of CropLife International or a country-specific risk assessment process
- 9) The implementation of the **industry commitments** is supported, and **maximisation of the collection rate** is pursued
- 10) An **annual performance report** is submitted to CropLife International

Industry Commitments for Circular Economy

MONITORING OF IMPLEMENTATION IN
EU MEMBER STATES

Industry Commitments for the Circular Economy

Aims and Overall Objectives

Circular Economy



III Establish an average **75% collection rate** of plastic pesticide and biopesticide containers across EU Member States by 2025.

IV Ensure that a container scheme is available in **all EU Member States by 2025**, expanding the programme in two additional Member States each year.

More recovery and plastic container recycling, with less plastics waste.

News Release 7th September 2020

Europe's crop protection industry makes 2030 Commitments

Pesticide and biopesticide producers come together to make clear commitments to support EU Green Deal

2030 Commitments For the Future of #Ag

With new CMS projects in:



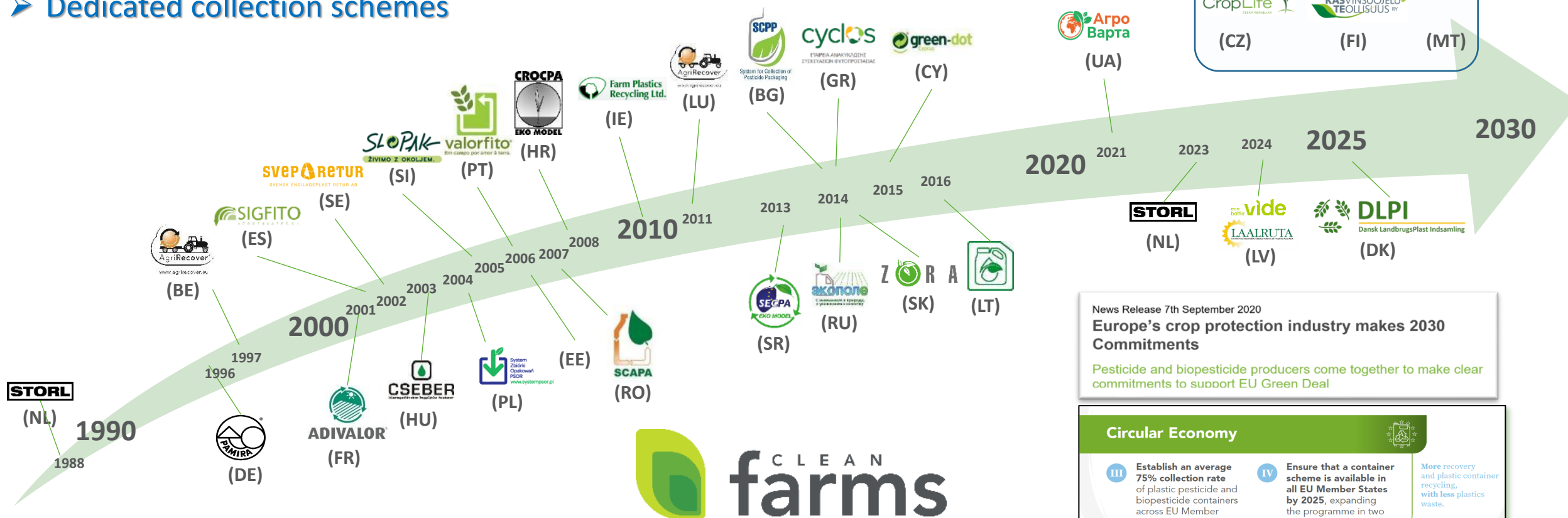
Czech Republic; Estonia;
Denmark; Latvia; Finland;
Ireland; Malta & The Netherlands



Industry initiatives for Container Management

Establishment of dedicated schemes for pesticide packaging

➤ Dedicated collection schemes



Work in progress

CropLife (CZ) KASVINSUOJELU TEOLLISUUS RY (FI) Arpo Bapra (MT)

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Circular Economy

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➤ Main treatment

Incineration with energy recovery
 (e.g. cement kilns)

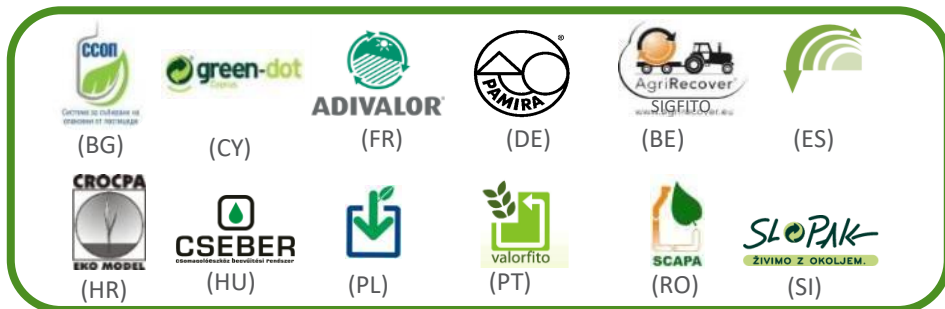
Material recycling
 (e.g. piping, cable industry)

Closed-loop recycling (?)
 (bottle-to-bottle)

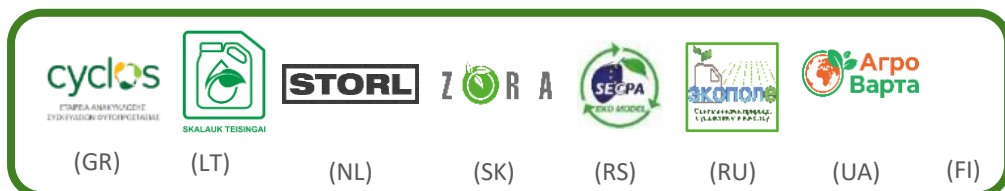
Industry initiatives for Container Management

Overview of CMS in Europe (2024)

CLEAN farms Nationwide industry run CMS (Mature)



CLEAN farms Industry run pilot CMS

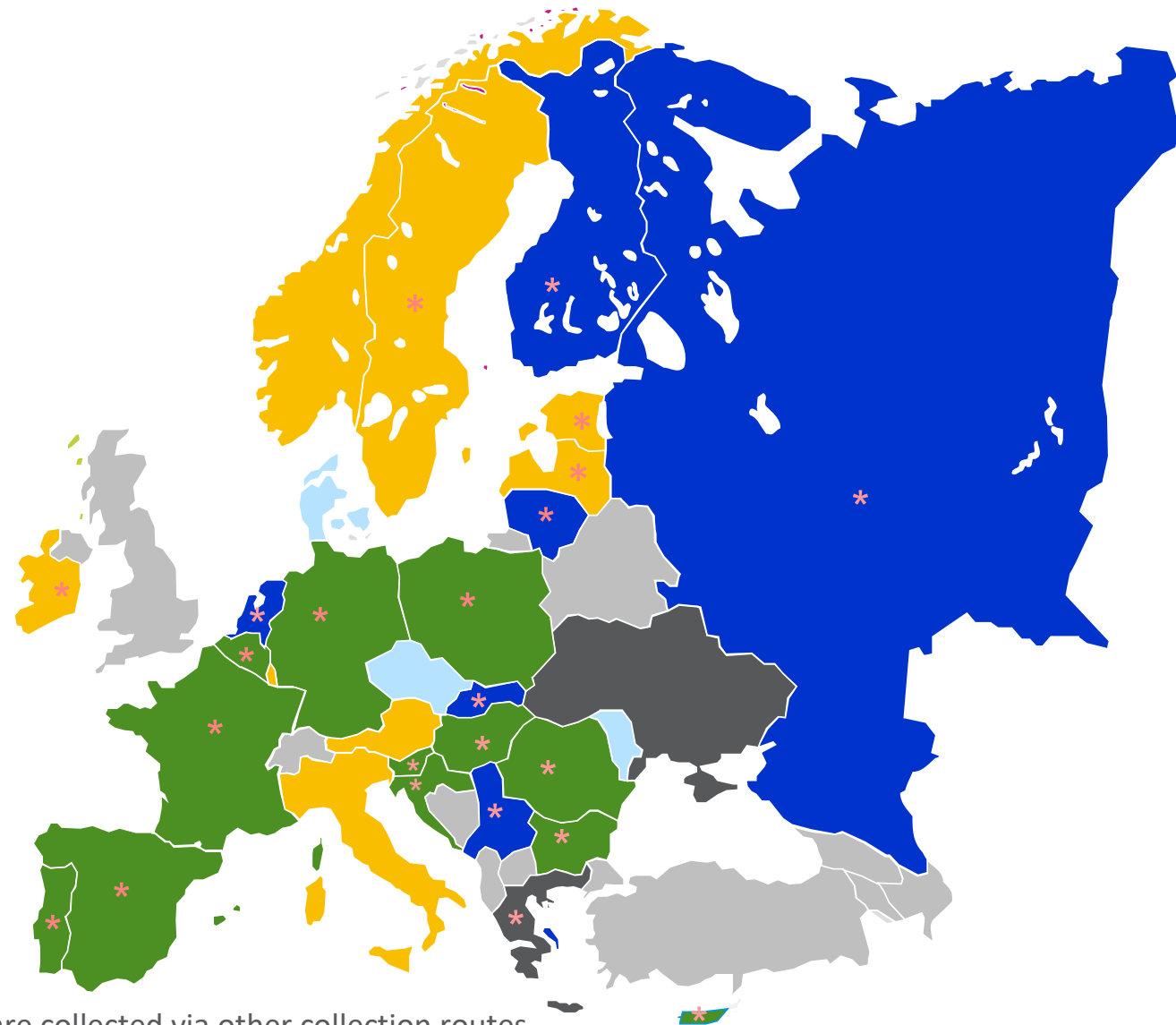


Countries with independent dedicated collection programme(s) for pesticide packaging and/or agricultural plastics, e.g.:



Projects in assessment / design phase Projects oh hold

Countries with no (known) dedicated CMS. Pesticide packaging waste are collected via other collection routes



* "Countries providing annual statistics to CropLife International on a regular basis. Other countries have occasionally provided partial collection data (e.g. IT, LU). CMS in Luxembourg has been managed by the EPR organisation *Valorlux* since 2019 but has not shared data so far. *Grønt Punkt Norge* in Norway is operating a scheme for agricultural plastics but has no separate data for pesticide packaging. The CMS programme in Ukraine was launched in 2021 and put on hold since 2022 due to the war situation)

Commitments for Circular Economy

Implementation monitoring

Circular Economy



Status 2024

IV

Ensure that a container scheme is available in all EU Member States by 2025, expanding the programme in two additional Member States each year.



EU MS with dedicated & monitored CMS programmes in 24 MS (same as PY):

- 12 MS with Mature programmes: BE, BG, CY, DE, ES, FR, HR, HU, PL, PT, RO, SI
- 5 MS with Pilot programmes (same as PY): FI, GR (on hold; new start expected for 2026), LT, NL, SK
- 6 MS with Independent dedicated programmes with data (+3 vs PY): (AT), IE, SE, **EE, LV, IT** (new independent schemes, with data)
- 1 MS with Independent dedicated programmes without data, yet (only estimates available) (-2 vs PY): LU
- 3 MS without (known) dedicated CMS or with *project in design phase*: DK, CZ, MT (same as PY),

I.e. around 97% of PPP plastic containers placed on the EU market are “covered” by a CMS programme!

A new CMS programmes is confirmed for 2025: **DLPI** in DK!

Commitments for Circular Economy

Implementation monitoring

Circular Economy

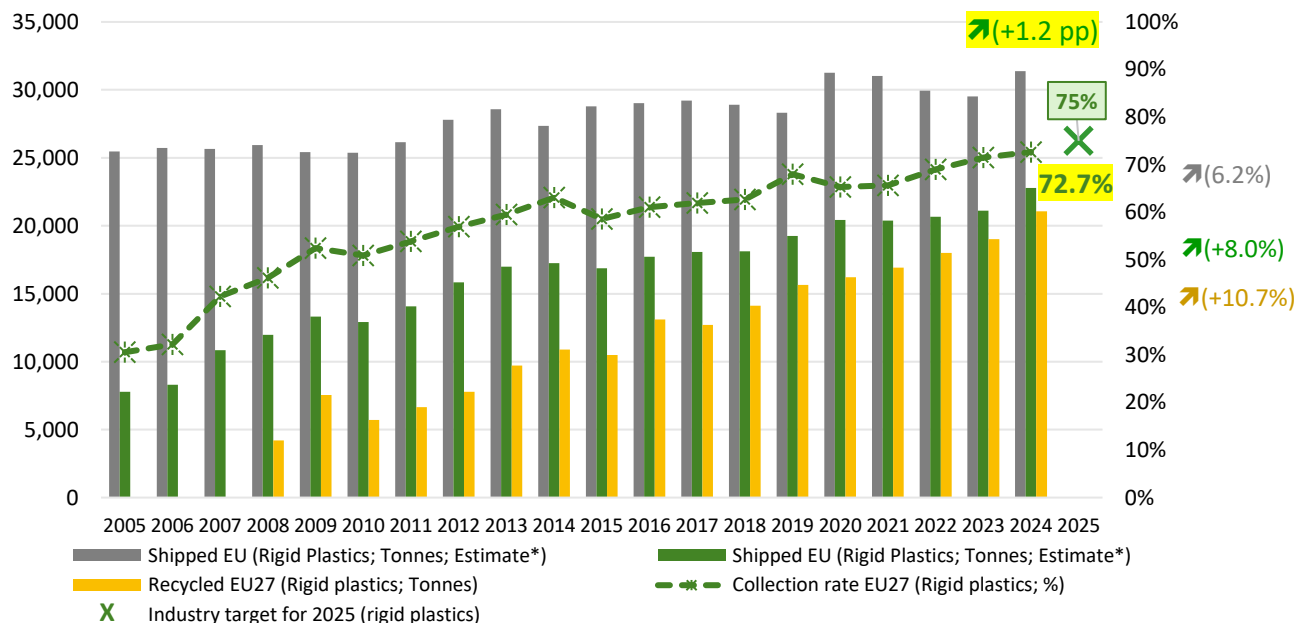


III

Establish an average 75% collection rate of plastic pesticide and biopesticide containers across EU Member States by 2025.

More recovery and plastic container recycling, with less plastics waste.

Overall EU27 (Rigid plastics)

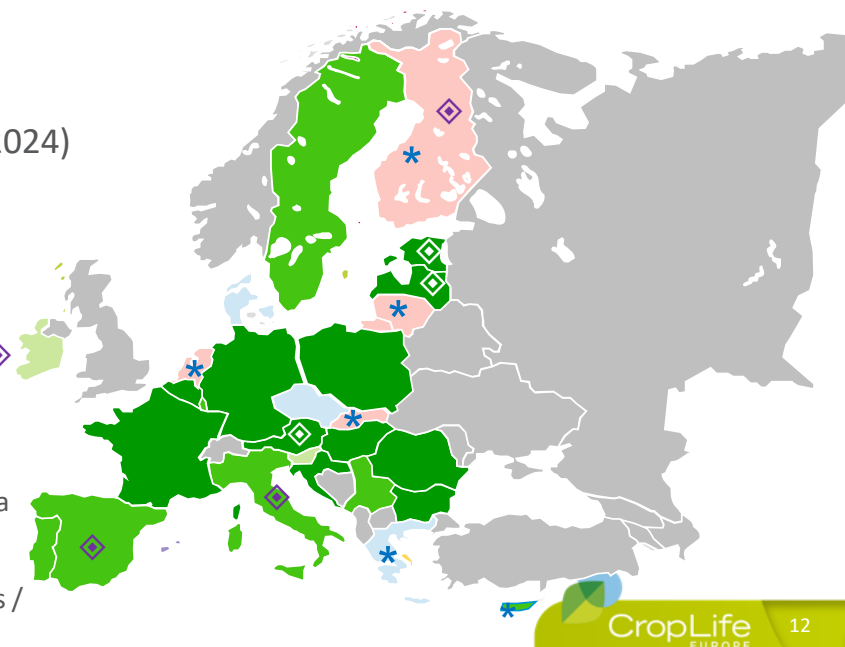


Status 2024

- Average collection performance in 2024** (taking into account reported data + estimates for all EU27!):
 - EU27: 72.7%** for rigid plastics collected **(+1.2 pp)**; **67.7%** for all primary packaging **(+0.0 pp)**
 - Mature programmes: 81.1%** for rigid plastics collected **(-2.3 pp)**; **74.7%** for all primary packaging **(-3.6 pp)**
 - 24 MS with CMS data: 74.5%** for rigid plastics collected **(+0.6 pp)**; **69.4%** for all primary packaging **(-0.5 pp)**
- CMS programmes in 11 Member States** have already reached the **75% target for plastics (+3 MS!)**
- 92.4%** of the collected plastics were sent for **recycling (+2.3 pp)** (67.1% of the plastic placed on the market)

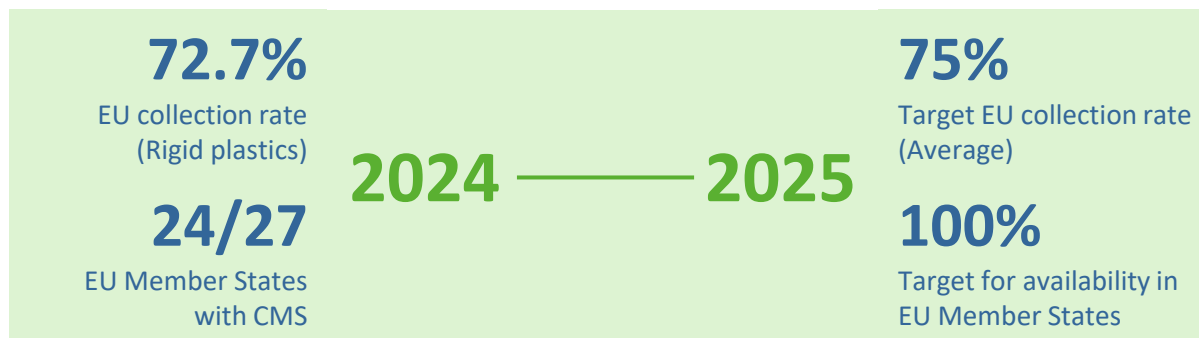
Collection rate Plastics (2024)

- Collection rate > 75%**
- Collection rate 50% – 75%**
- Collection rate 25% – 50%**
- Collection rate < 25%**
- No reported collection / data**
- Pilot projects**
- Estimates (data from studies / third parties)**



Industry Commitments for the Circular Economy

Implementation challenges & the way forward



- The right **CMS strategy** for **Czech Republic** and **Malta** must still be found
- Launch of the new CMS programme DLPI in **Denmark** confirmed for 2025! The political deadlock was solved in **Greece**, with the new CMS programme **CYCLOS** expected to be accredited as an Extended Producer Responsibility Organisation and to start with the operations in 2026
- **Boost the implementation of CMS in countries with new & pilot projects** toward full country coverage and the 75% collection target.
- Important potential for collection increase in countries with **mature programmes** that are below the 75% target! (e.g. ES, PT, SE, SI)
- CMS programmes to take care of **all primary packaging** of crop protection products
- Ensure **recycling schemes** in place in all CMS programmes and following the CropLife's guidelines for safe recycling.
- **CropLife corporate members** to participate in the CMS programmes in all countries and to support ambitious targets.
- Full deployment of CMS & Commitments in all EU MS will be a key industry asset to fulfil the new requirements and targets of the **EU Packaging and Packaging Waste Regulation (PPWR)**.
- Work on **designed for recycling** for all packaging formats (by 2030) & ensure **recycling capacity** is in place for all packaging formats (by 2035).
- Assess the feasibility to use post-consumer plastics from CMS programmes to manufacture new pesticide containers (**closed-loop recycling**)