



Food and Agriculture
Organization of the
United Nations



Lifecycle Management of Pesticides and Disposal of POPs pesticides in Central Asia countries and Turkey

GCP/SEC/011/GFF

Empty Pesticides Container Management

22 February 2023

Overview

- What does CMS stand for?
- What is CMS?
- CMS experience
- What do we do in Central Asian countries and Türkiye?



project

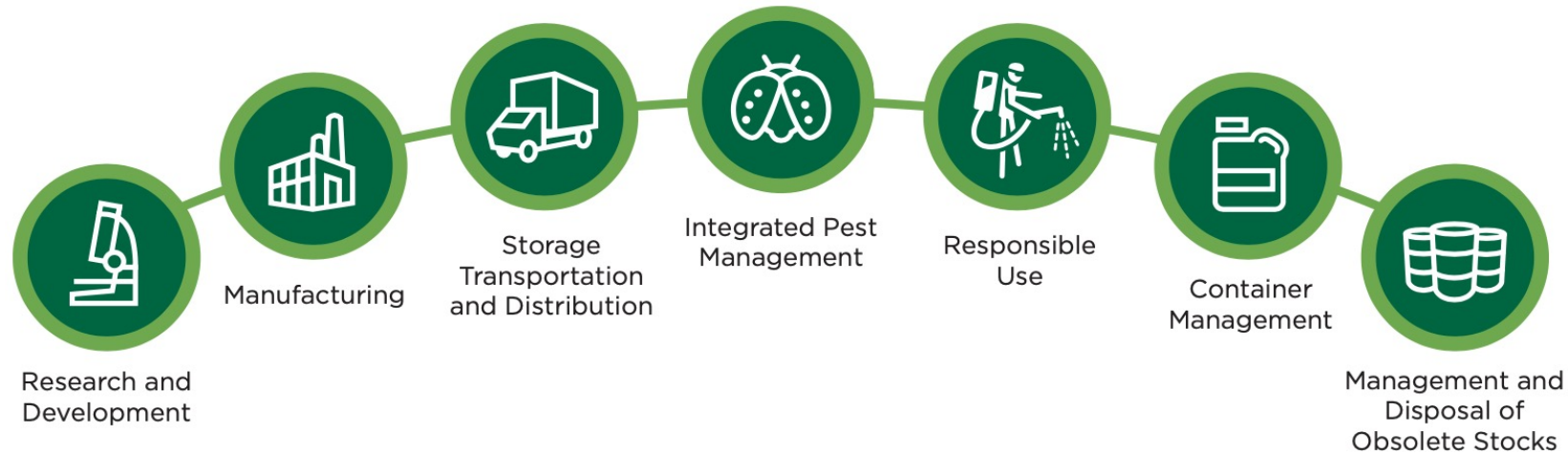
**Lifecycle Management of Pesticides
and Disposal of POPs Pesticides
in Central Asian countries and Turkey**

проект

**Управление жизненным циклом пестицидов
и ликвидации СОЗ-пестицидов
в Центральной Азии и Турции**

GCP/SEC/011/GFF

What does CMS stand for?



Container Management System

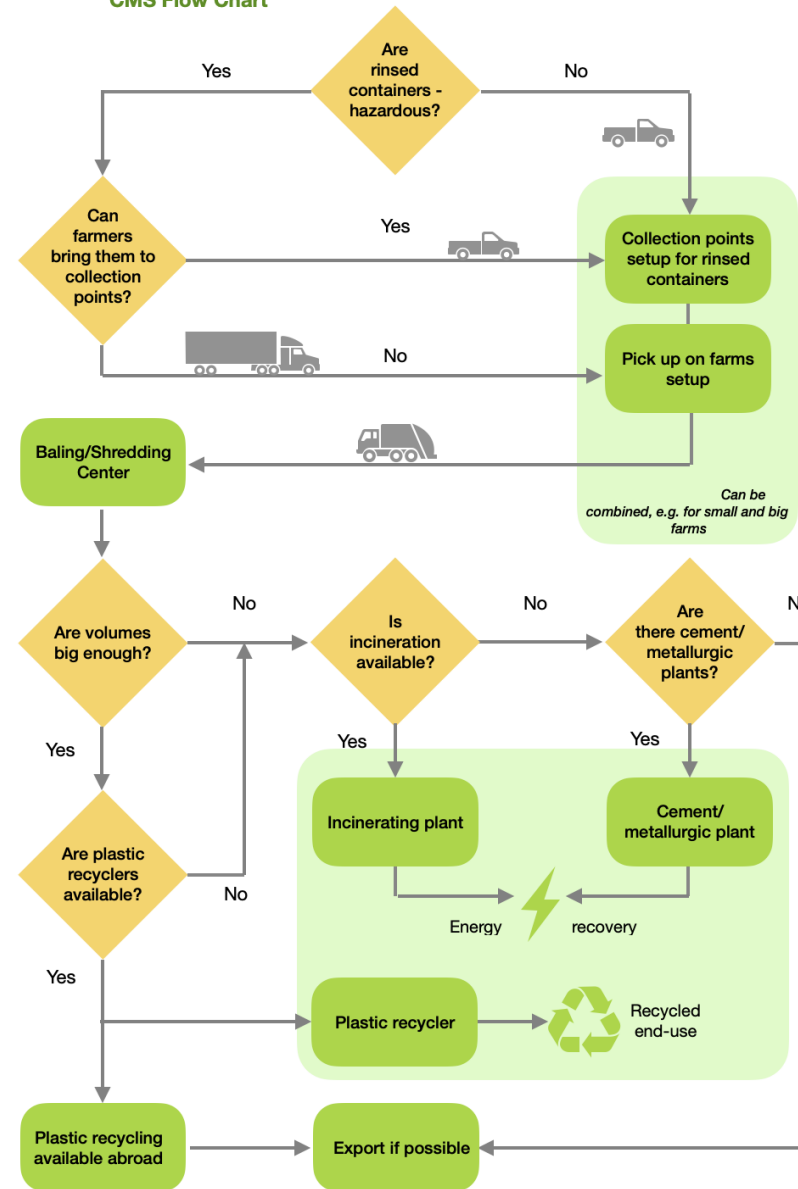
- Prevents legacy volumes of pesticide packaging
- Minimises health risks due to container reuse
- Responds to farmer requests to relieve them from empty containers
- Responds to increasing demands to protect the environment from plastic wastes
- Eliminates the risk of container reuse by counterfeiter



What is CMS?



CMS Flow Chart



End-uses examples

- Plastic lumber or timber and substitutes
- Waste drums
- Concrete saver
- Corrugated conduit buried in walls and soil for electric wires
- Pesticide containers with recycled material between virgin material
- Drainage/sewage piping
- Electricity pylon plastic cross piece insulators
- Car battery casing
- Agricultural fence posts
- Curb stops
- Marine Pilings
- Nailing boards for concrete forms
- Highway guard rail posts
- Railroad ties
- Sound barriers



CMS Experience

Pre-requisites for successful implementation



☐ Strict regulation of EPR and the farmers

☐ Commitment of all stakeholders

☐ Goals setting and performance measuring

3 stages to launch a CMS



☐ Feasibility assessment

☐ Pilot launch

☐ Enrollment

Waste scalability



☐ Pesticide containers

☐ Obsolete pesticides packaging

☐ Other agricultural plastic waste



What do we do in Central Asian countries and Türkiye

Azerbaijan

Feasibility study

Working group establishment

Sustain the CMS:

- Legal framework improvement
- Operating process
- Financing of CMS
- Goals setting and monitoring

Launch a pilot

Kazakhstan

Feasibility study

Working group establishment

Sustain the CMS:

- Legal framework improvement
- Operating process
- Financing of CMS
- Goals setting and monitoring

Include APW

Launch a pilot

Kyrgyzstan

Feasibility study

Working group establishment

Pilot testing

Sustain the CMS:

- Legal framework improvement
- Operating process
- Financing of CMS
- Goals setting and monitoring

Launch a pilot

Tajikistan

Feasibility study

Working group establishment

Sustain the CMS:

- Legal framework improvement
- Operating process
- Financing of CMS
- Goals setting and monitoring

Launch a pilot

Türkiye

Feasibility study

Containers for collection

Working group establishment

Sustain the CMS:

- Legal framework improvement
- Operating process
- Financing of CMS
- Goals setting and monitoring

Launch a pilot



Thanks!

Any questions?



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