



Establishing a national EPR-System for Packaging in Jordan

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Implemented by:

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



On behalf of:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

of the Federal Republic of Germany



PRODUCTS ARE SOLD WORLDWIDE OFTEN IN THE SAME PACKAGING



Photos: ©cyclos, below right: ©Eisenhans / fotolia.com

PACKAGING CAN BE RECYCLED IF THEY ARE COLLECTED AND SORTED

Metall packaging (ferrous and non-ferrous)



Plastic bottles (PE, PP, PET)



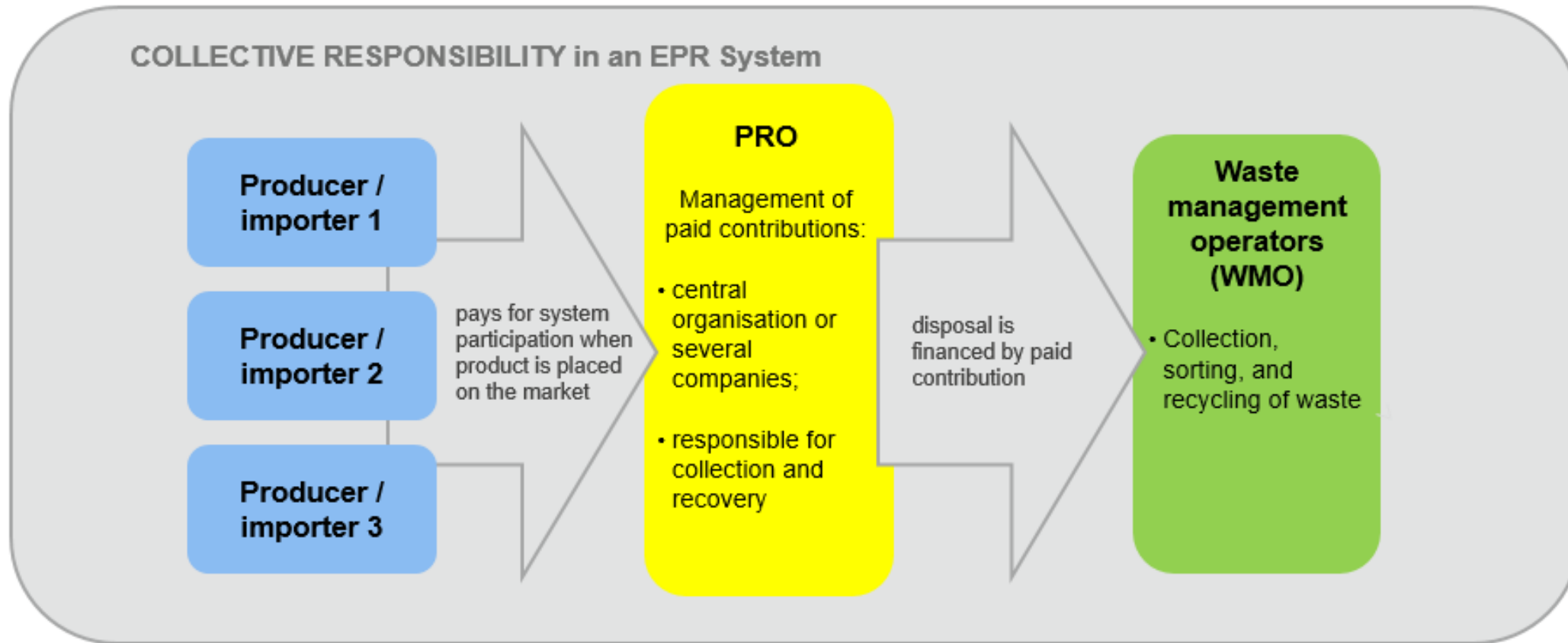
Paper packaging



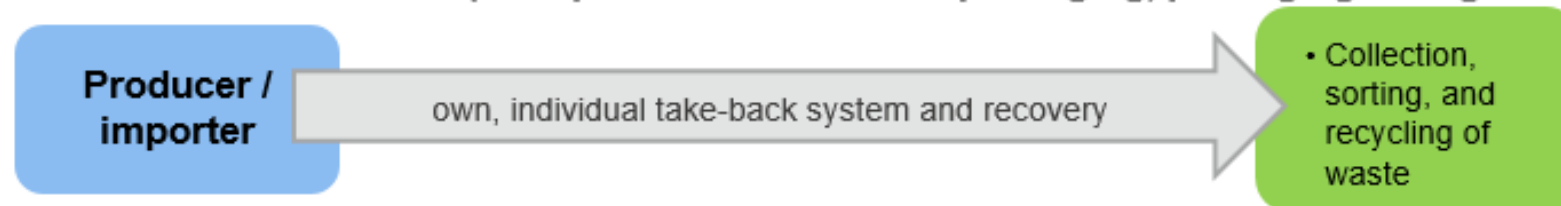
EPR aims to apply the 'polluter pays principle' by shifting the responsibility and financial cost of the negative environmental impacts to the producers



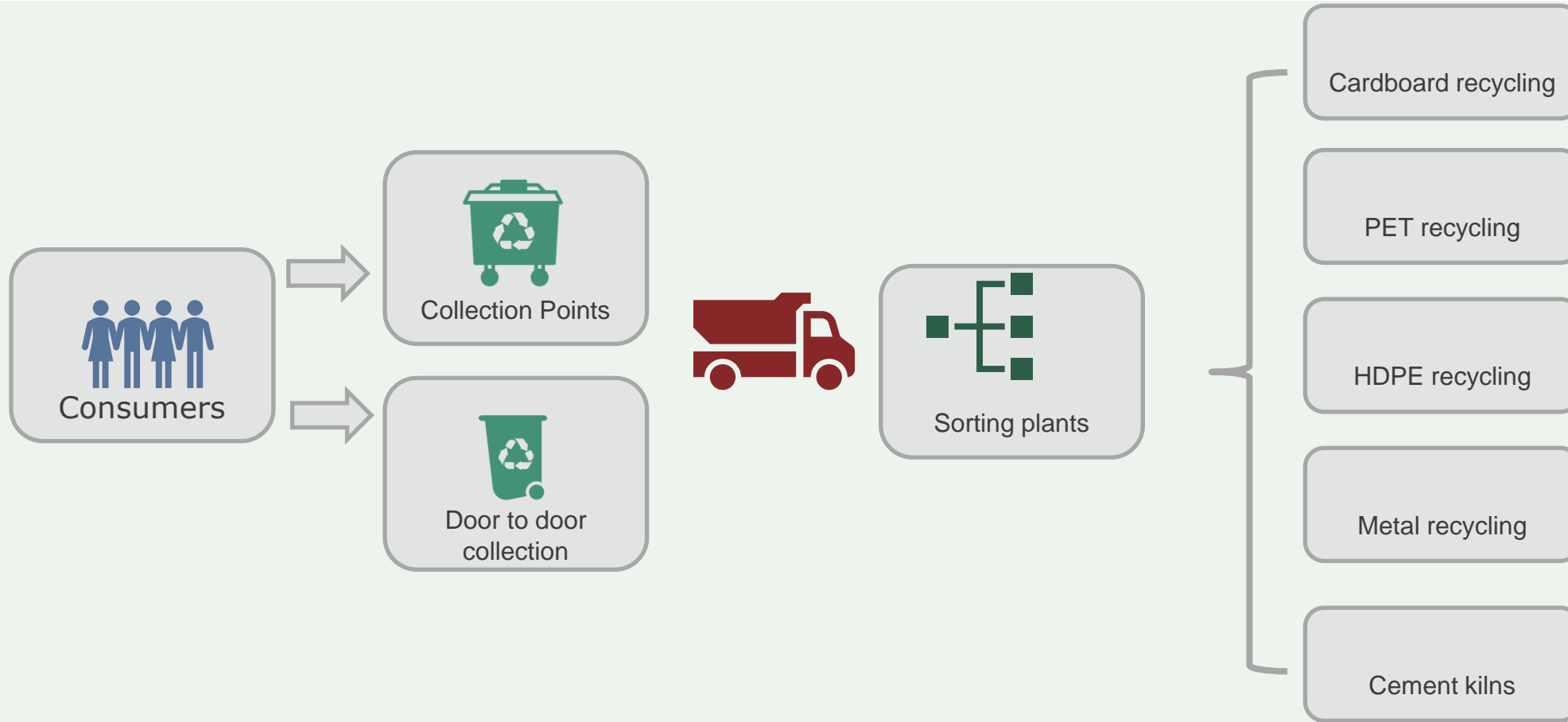
BASIC OF THE EPR SYSTEM FOR PACKAGING



INDIVIDUAL RESPONSIBILITY (transport and commercial packaging, packaging in large business)



PACKAGING FLOW IN THE EPR SYSTEM

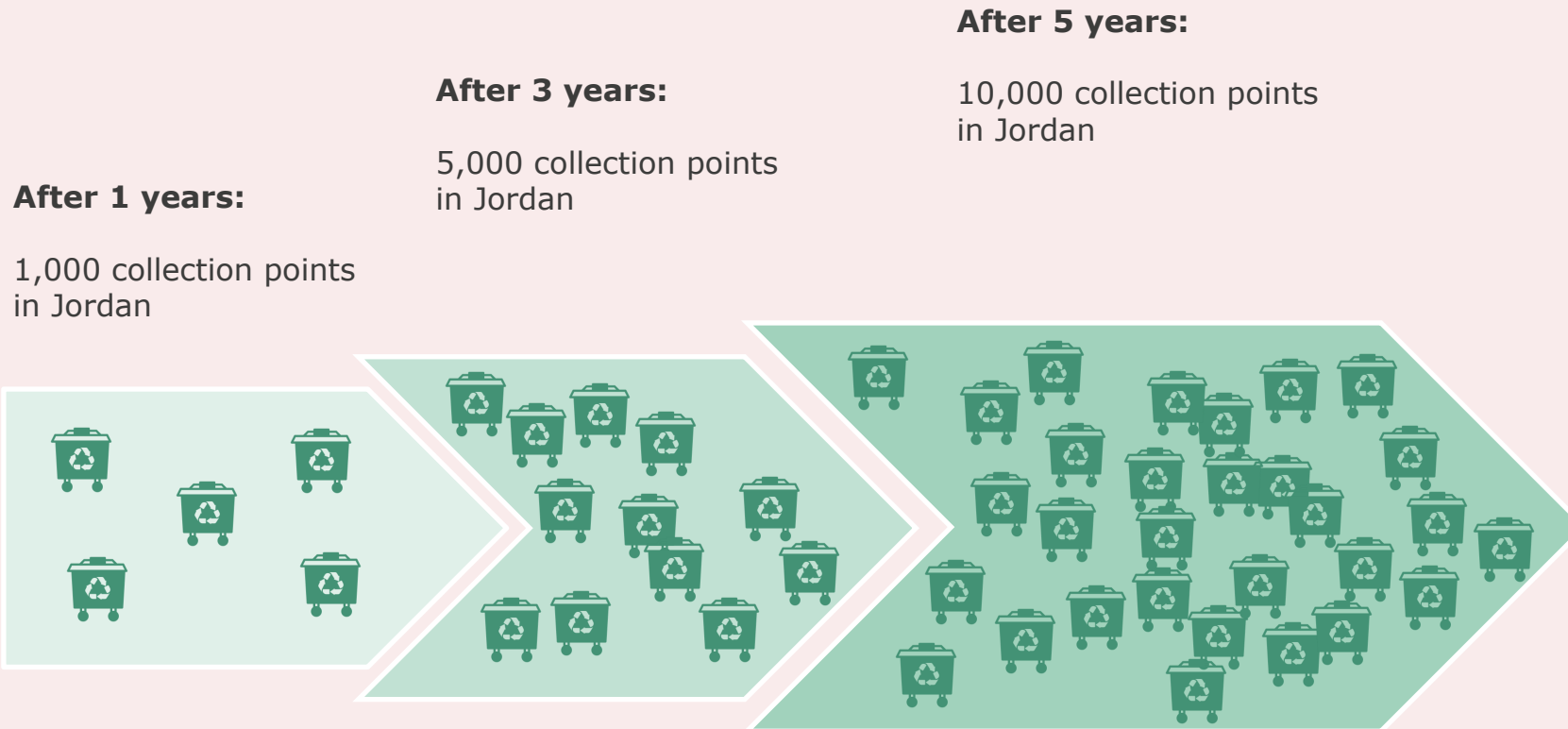


A great number of new jobs will be created along the whole chain

INCREASING THE COLLECTION STEP BY STEP

Number of collection points / bins for collection in the first initial years until an extensive and comprehensive collection system has been established, e.g. within the first 5 years.

Scenario of separate collection of Packaging in Jordan in an EPR System



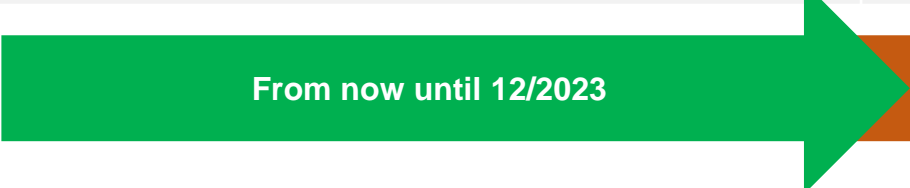
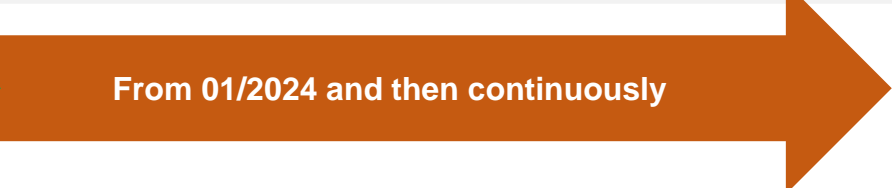
- This option can be easily checked. The financial risk is low. The services can simply be tendered.

SOME IMPORTANT TASKS

- Evaluations/Monitoring
- List and approval of inspectors/certifiers
- Criteria for recyclability of the packaging
- Criteria for verification of recyclate content
- Rules and regulations for obliged companies, waste management operators, municipalities, ...
- Information material for other stakeholders and for the consumers



PERIOD FROM A VOLUNTARY TO A MANDATORY PHASE

Voluntary Phase Preparation of an EPR System	Mandatory Phase Implementation of an EPR System
Legal Basis are the EPR-instructions from August 2022	
Goal: The MOEnv set up the mandatory EPR system and serve as a „Pre-organization“ (system operator or PRO)	Goal: A mandatory Producer Responsibility Organization (PRO) to be implemented for the sound management of packaging waste through an EPR system in Jordan.
Personnel support: Partial financial contribution from GIZ for personnel costs.	Personnel: All staff must be fully financed by the PRO after one year.
First Works <ul style="list-style-type: none"> • Initial registration of companies 	Key Tasks: <ul style="list-style-type: none"> • Registration of all obliged companies
<ul style="list-style-type: none"> • Collect first EPR fees 	<ul style="list-style-type: none"> • Collecting the EPR fees of all obliged companies
<ul style="list-style-type: none"> • Inform the stakeholders 	<ul style="list-style-type: none"> • Documentation, monitoring, control and communication with the stakeholders
<ul style="list-style-type: none"> • Launch pilot projects 	<ul style="list-style-type: none"> • Tendering and contracting collection, sorting, recycling
<ul style="list-style-type: none"> • Coordination with Chambers and other stakeholders 	<ul style="list-style-type: none"> • Coordination with Chamber and other stakeholder
<ul style="list-style-type: none"> • Preparation for the mandatory phase 	<ul style="list-style-type: none"> • Further development
 <p>From now until 12/2023</p>	 <p>From 01/2024 and then continuously</p>

ABOUT VOLUNTARY INITIATIVES

Voluntary initiatives can help to gather individual experiences through pilot projects. They can help to find out the best decisions regarding the establishment of a nation-wide and mandatory EPR scheme. Voluntary initiatives can be used as a preliminary basis for the system operator of an EPR system to help develop the respective legal basics of the system.

However voluntary initiatives:

- ⇒ Only a few companies participate in voluntary measures
- ⇒ The extent of the single activities usually comprises only smaller projects
- ⇒ It is not possible to establish a nationwide collection system based on voluntary measures for the development of a functioning recycling industry for all materials
- ⇒ Projects are often not continued after the project has been finished or the funding period is over
- ⇒ On a voluntary basis, useful only packaging that has a positive market value are collected. If there is only cherry-picking, the question is what happens to all the other packaging and how the recycling of this packaging is to be financed

Only if **all companies** participate in an EPR system will there be fair competition and it will be possible to establish a national system for the collection and recycling of **all packaging**.

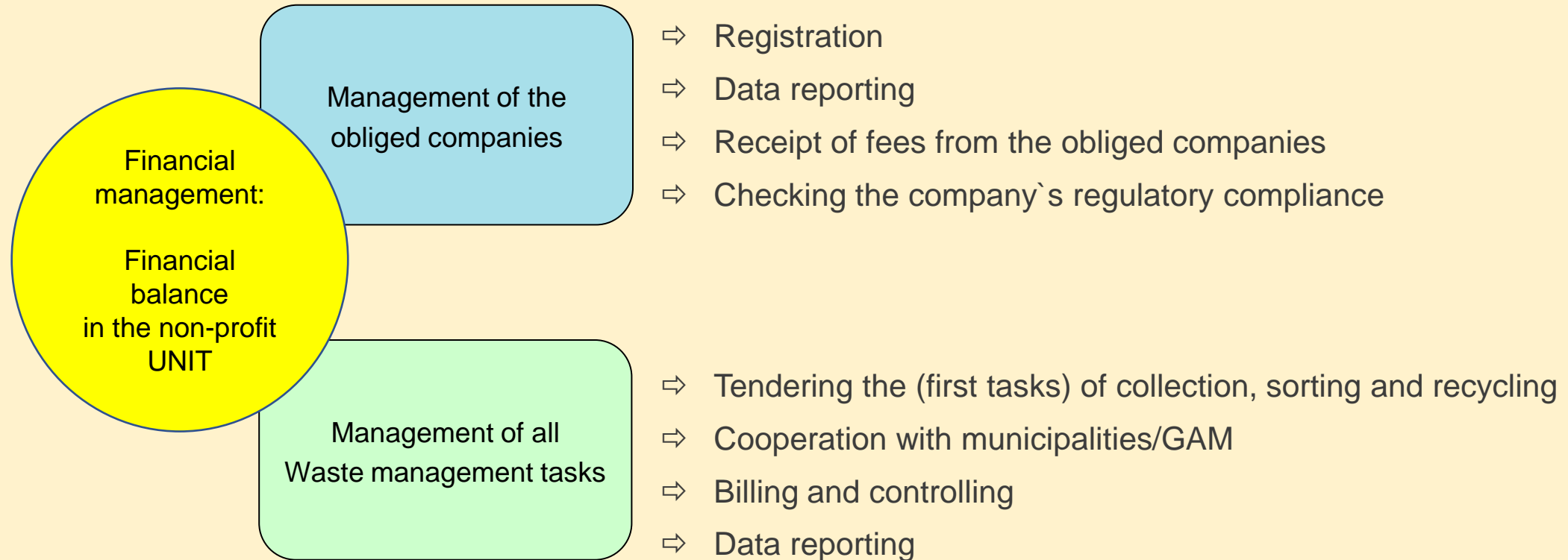
MAIN TASKS IN PREPARATION PERIOD FOR THE CONCRETE PLANNING OF THE EPR SYSTEM

- ⇒ Cooperation with the steering committee
- ⇒ **Setting up** the administration and the entire organisational structure of the PRO with competent head and competent staff to consolidate the key processes of the PRO/UNIT; office rooms and an address, IT equipment and other office equipment
- ⇒ Establishment of the register for the obligated enterprises and preparation of the data reporting of the obligated enterprises
- ⇒ Establishment of programme for the invoices to the obliged companies.
- ⇒ Establishment of a billing programme for the financing of the waste management operators (collectors, sorting companies, recyclers)
- ⇒ Financial management for internal costs
- ⇒ Plan for infrastructure step by step
- ⇒ Information of the companies, the population and all other stakeholders
-



PRO (UNIT MoEnv)

Organisational management, working with the steering committee, and the chambers
communication with all stakeholders, clarification of legal issues,...



NEEDED MOST URGENTLY



Personnel resources

- ⇒ Competent head to organize the key processes
- ⇒ Competent staffs to consolidate the key processes of the PRO

At the beginning 3 to 5 employees will be needed

For the development of the EPR system, there is an urgent need for personnel. At least **three people** must be available to fill these positions in the following areas

- Senior manager:** competent head to organize the key processes
- Finance manager:** competent staff for the management of finances
- Waste manager:** competent staff for the organisation of tasks in the field of waste management

These three positions must each be filled by at least one person. More comfortable would be a staffing by 5 persons.

In case that three persons should be hired (and not 5), further knowledge and skills are required that go beyond the actual core area of responsibility, e.g. IT knowledge if no separate IT department has been set up, as well as legal education for the general management if no separate legal department has been set up.

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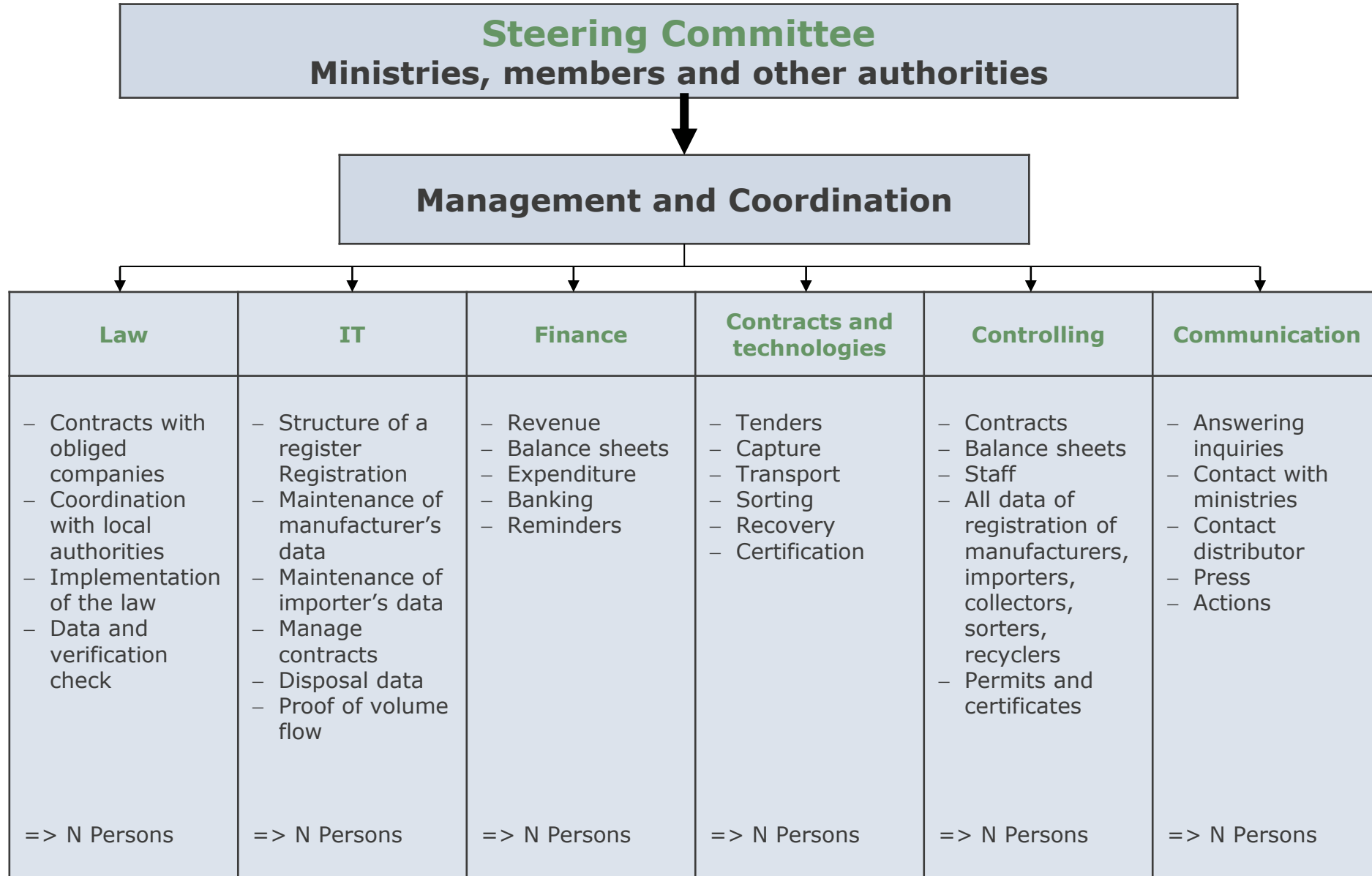
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Attachment

EMPLOYEES IN PRO - EXAMPLES FROM OTHER COUNTRIES (2021)

Country	Name of the PRO	Inhabitants	Employees	Detail
Belgium	asbl Fost Plus vzw Since 1994	11,6 MIO	50	Managing director, Account management, Customer service, operational communication, quality assurance and quality control, finance, IT, data management, innovation, business development, litter teams
Bulgaria	ECOPACK Bulgaria Jsc Since 2004	7 MIO	22	Finance Director, Public Relations and Communications, Operational Director, Business Development Department, Waste Activities Unit, Internal control & reporting , Separate Collection Unit, Financial and Administrative Department
Cyprus	Green Dot (Cyprus) Since 2002	1,2 MIO	10	General Manager, Executive Assistant, Commercial Officer, 2 Technical Officers, Administration Officer, WEEE Administration Officer, AFIS Administration Officer, WEEE Operation Manager, Customer Service Officer
Finland	RINKI-Finnish Packaging Recycling Since 2016	5,5 MIO	16	IT, Costumers service for producers, customers service for people, Big department for coordination, 2 persons for the communication and social media.
Tunisia	ECO-Lef Since 2001	11,9 MIO	5	Finance, IT, Controlling, Managing, Workers within ECO-Lef points in the Hand of Anged
Malta	Greenpack Since 2006	530,000	14	No more details

EXAMPLE OF PRO IN OPERATION



EXAMPLE ECOPACK BULGARIA

ECOPACK BULGARIA has a one-stage management structure that incorporates a seven-member Board of Directors.

