



Experience of Extended Producer Responsibility (EPR) in Ghana

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Key Policies and Initiatives Towards Circular Economy

National Plastics Management Policy (NPMP) - 2020

Ghana's first national plastics policy to manage plastics across their entire lifecycle, aiming for sustainable development and a circular economy

Focus Area 3: Towards a Circular Economy

- (a) Establish EPR Schemes
- (b) Establish a Certification & Database

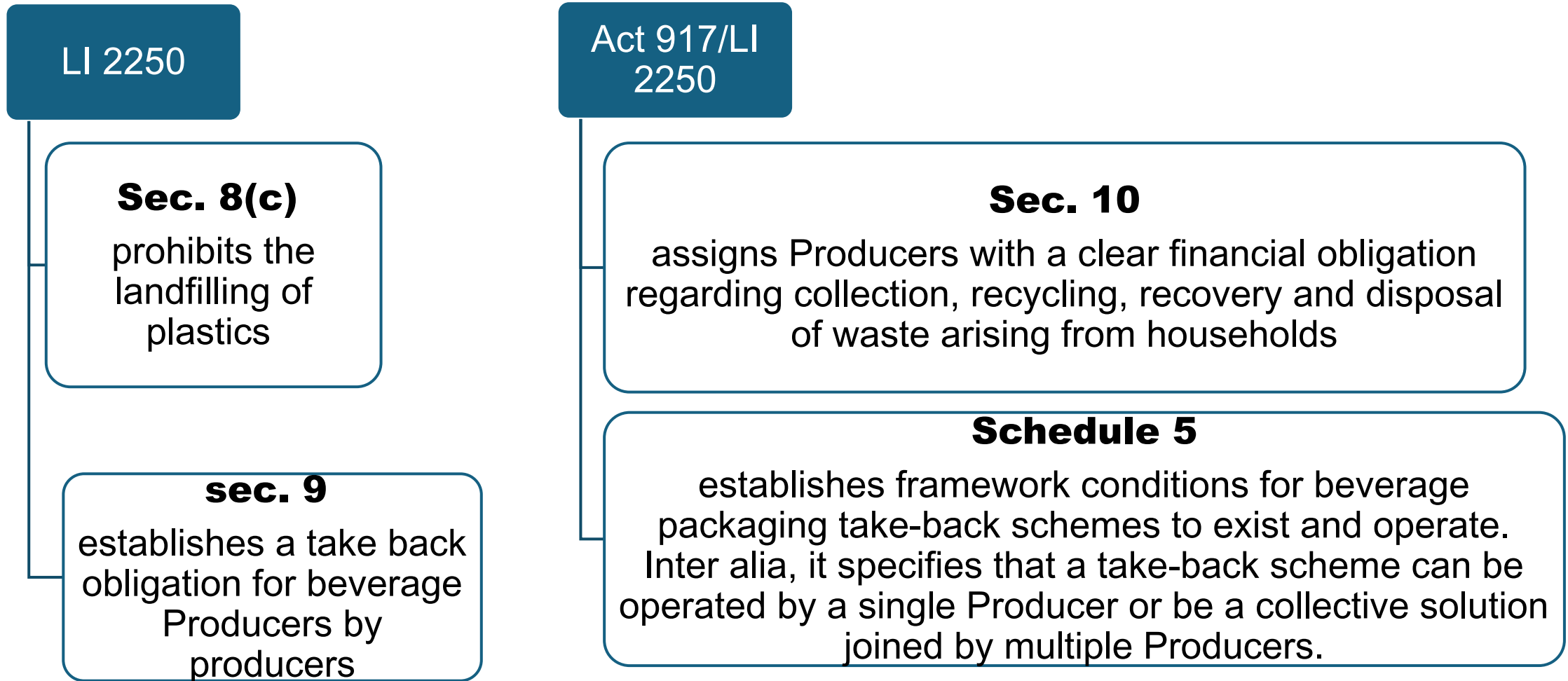
Circular Economy Framework for Plastics in Ghana (CEF-PS)

An initiative to provide a comprehensive framework for policy development, stakeholder engagement, and the adoption of innovative technologies to reduce plastic waste.

Legal and Regulatory Framework Towards Circular

Laws Governing EPR in Ghana : **Economy & EPR**

- Hazardous and Electronic Waste Control and Management Act, 2016 (Act 917).
- Hazardous, Electronic, and Other Waste (Classification) Control and Management Regulations, 2016 (LI 2250).



Effective EPR requires a network of collection and take-back schemes set to meet collection targets.

Regulated Products Under EPR Since 2019

E-waste categories according to L.I. 2250

Cat 1: Large household appliances

Cat 1: Refrigerators, freezers and air conditioners

Cat 1: Small household appliances

Cat 3: IT and telecommunications equipment

Cat.4: Consumer Equipment

Cat 5: Lighting Equipment

Cat 6: Electrical and electronic tools

Cat 7: Toys, leisure and sports equipment

Cat 8: Medical devices

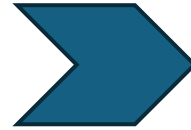
Cat 9: Monitoring and control instruments

Cat 10: Automatic dispenser

Cat 11: Batteries

Cat 12: Security and military equipment

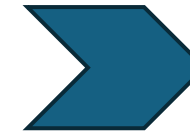
Cat 13: Fluorescent tubes



**300+ HS
Codes of
Regulated
Products**



Collection of EPR
Fee (Eco-Levy) at
the Ports

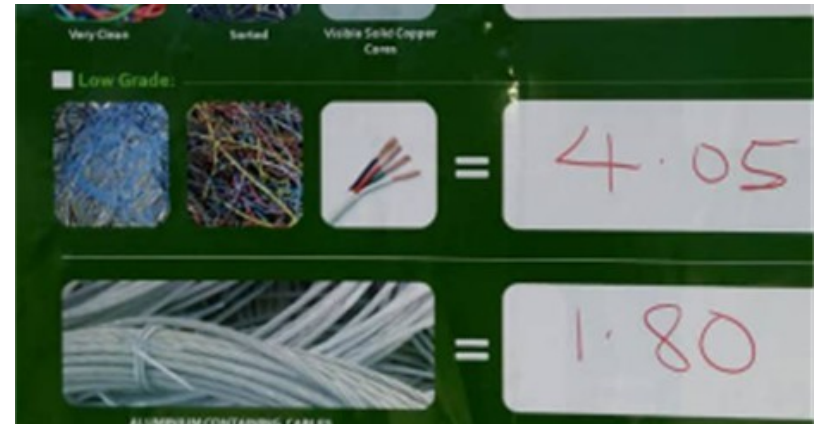


Collection &
Recycling Fund



EPR IMPLEMENTATION

Promoting Collection & Recycling



German cooperation
DEUTSCHE ZUSAMMENARBEIT

KFW

OBJECTIVES

- Minimize negative environmental and human health impacts from improper management of electronic wastes.
- Transition the most polluting e-waste recovery activities from the informal sector to the formal sector without removing jobs from the lowest income group.
- Support the National System with lessons learned.

Beginning Tuesday, 30 June 2020, the public can trade in the following cable types

Incentive Collection – Supply Side



Interim Storage @ Ghana Atomic
Energy Commission (GAEC)





Cable Recycling Contd

Improper dismantling, separation and burning of e-waste is harmful to your health and the environment

Let's Promote a Positive Recycling Attitude in Ghana



Save Ghana from E-Waste Pollution
Promoting a Positive Recycling Attitude

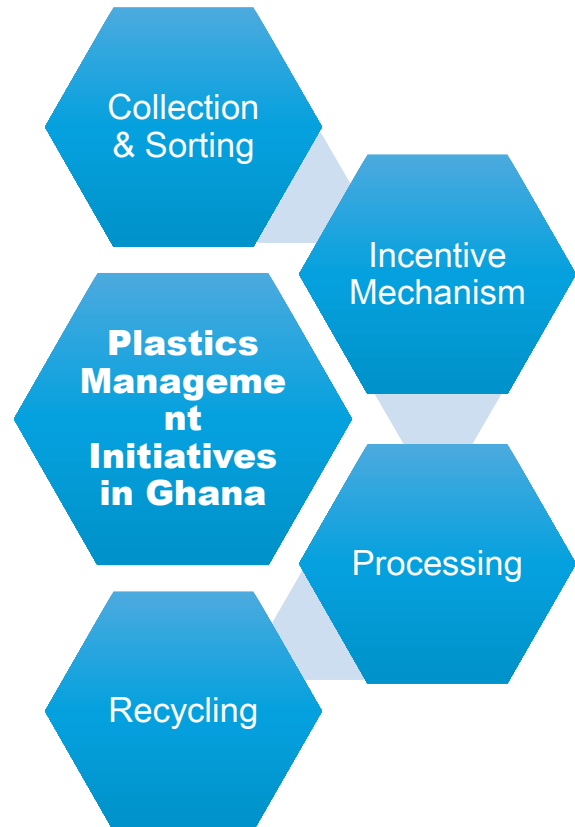


For more info call: 0302 664 697/8

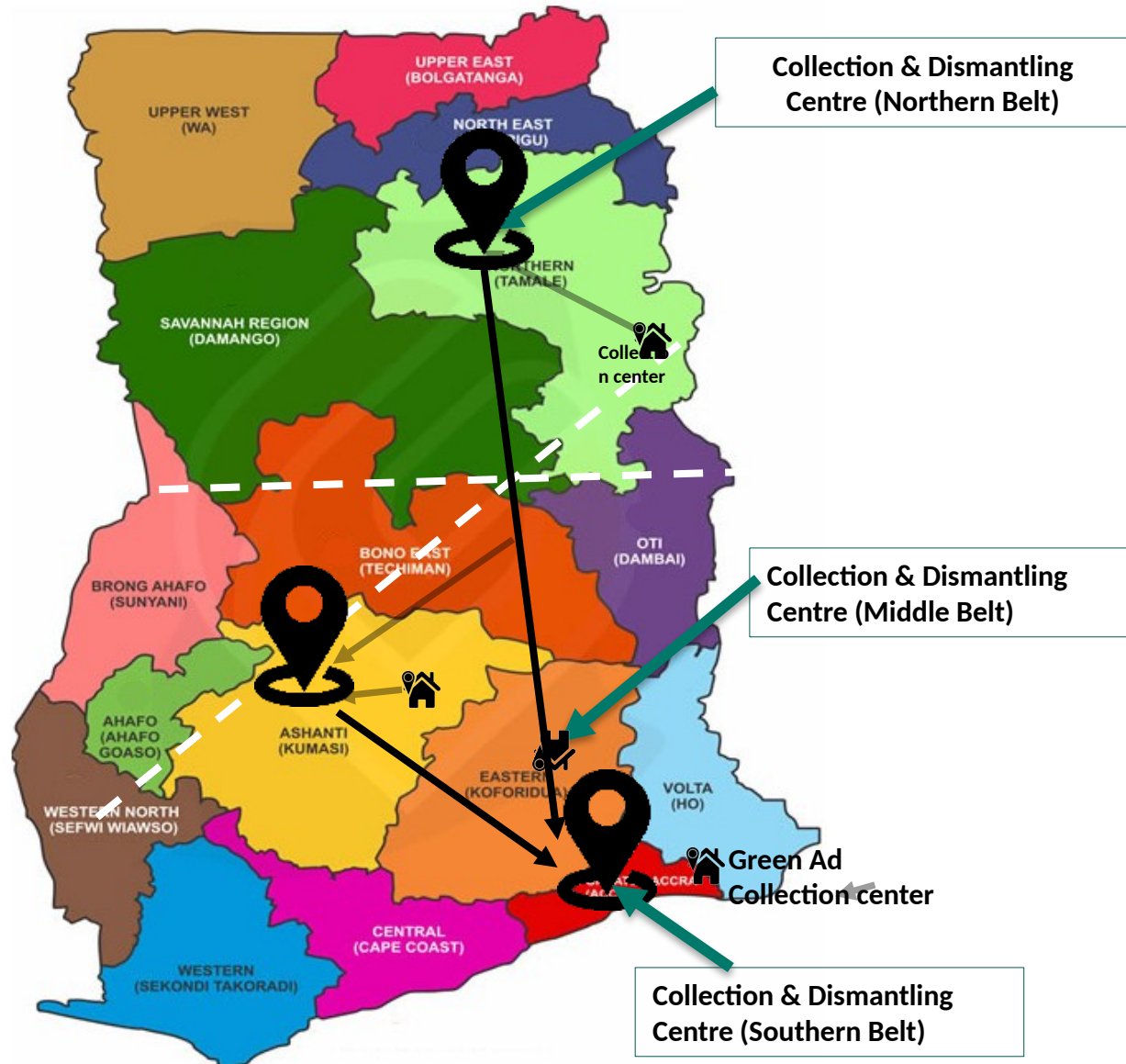
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Voluntary Initiatives for Plastics



Network of National Collection & Dismantling Infrastructure



GAEC HOC

EPR IMPLEMENTATION

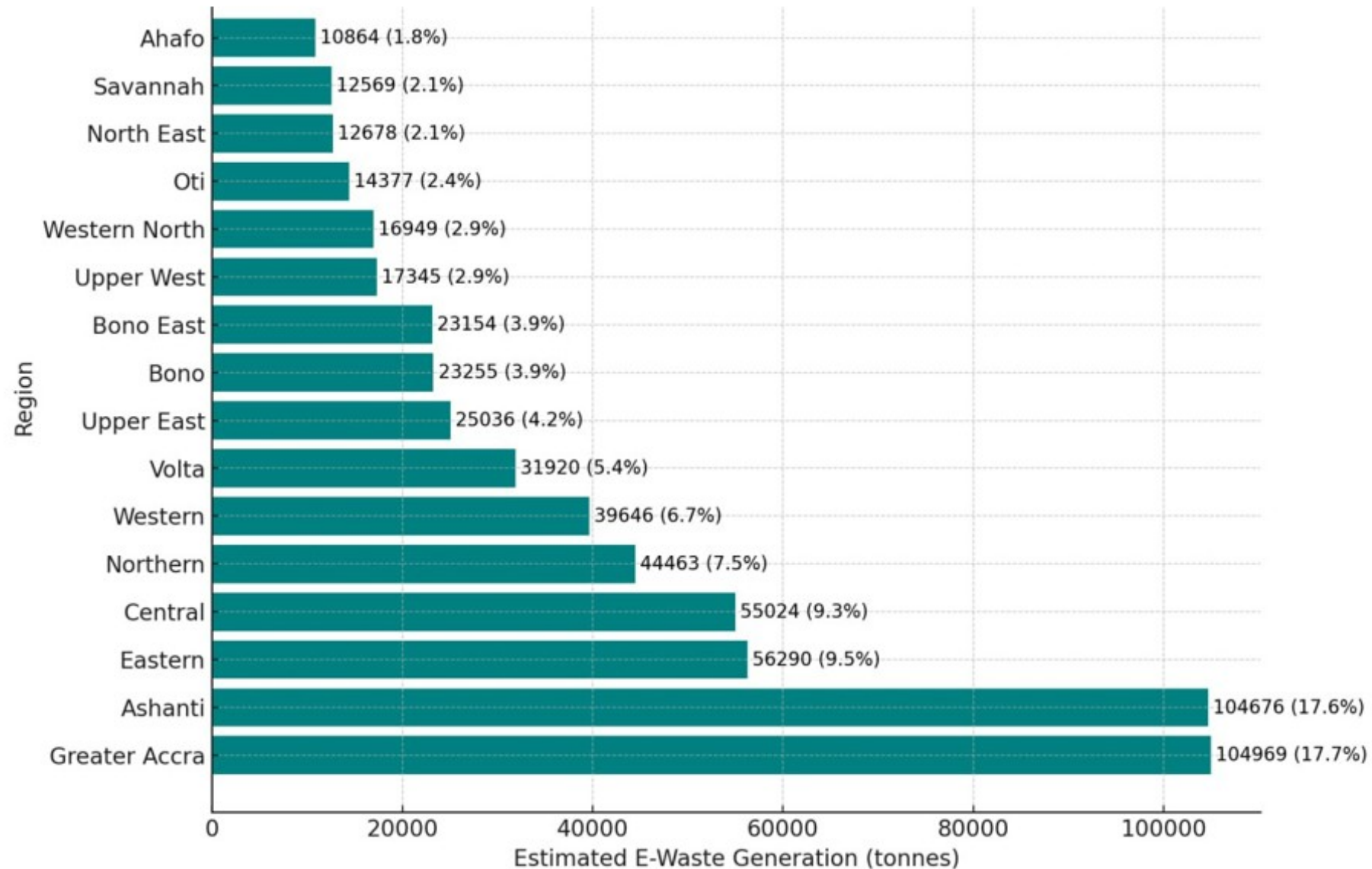
Data Management

Data Management for EPR Regulated Products

| Type of data | Data Usage | Data Source |
|----------------------|--|--|
| Put on market | Market size knowledge Market size calculation Obligation calculation | Customs Trade associations Registry |
| Collection | Collection volume Collection rate Collection cost | Collectors Aggregators Recyclers Registry |
| Processing | Recycling volume Recovery volume Recycling rate Recovery rate | Recyclers Other waste processors Registry |

Regional Distribution of Household E-Waste Generation in Ghana (2023)

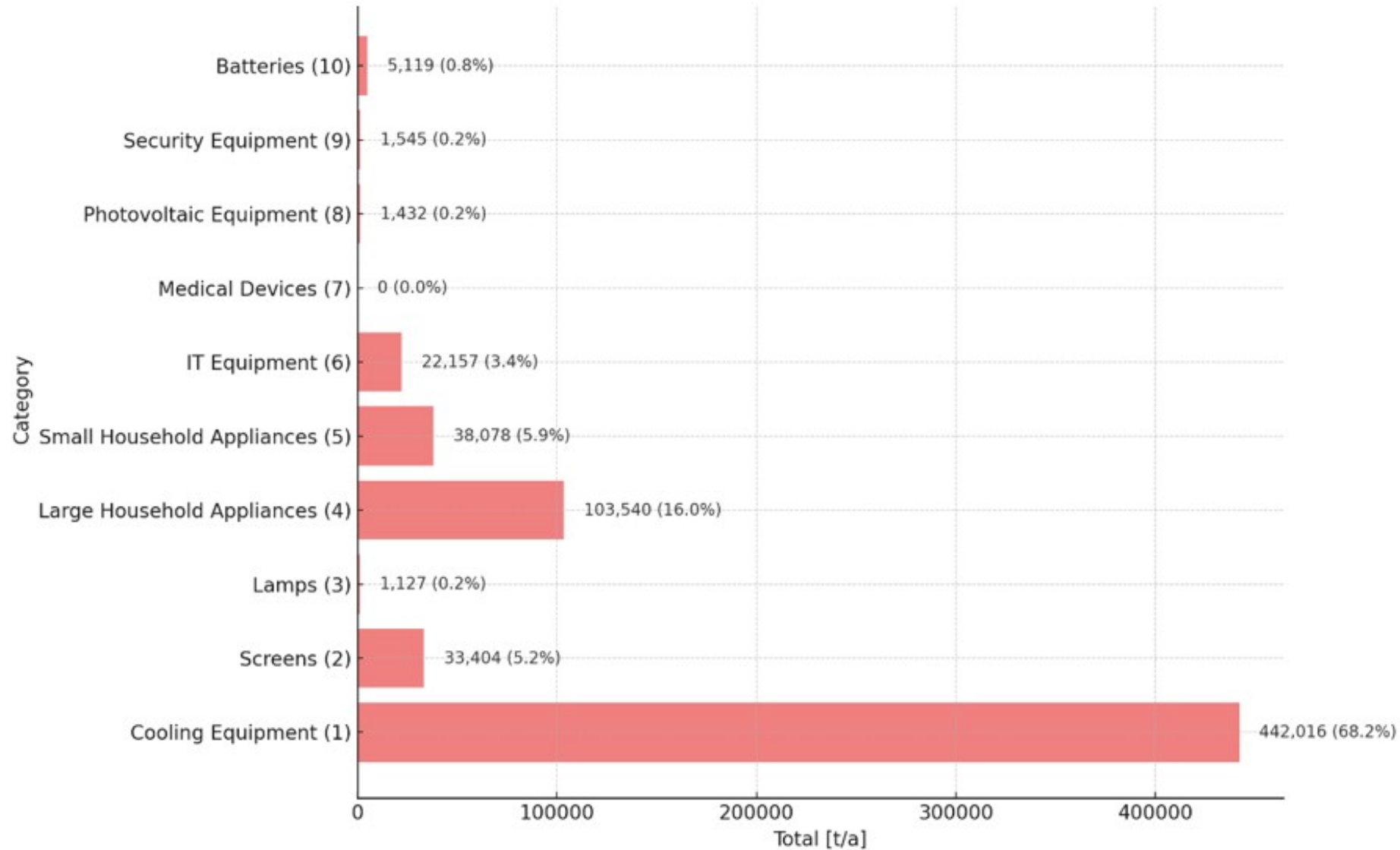
Total Estimated E-Waste Generation: 593,216 tonnes



Source: EPA, 2023

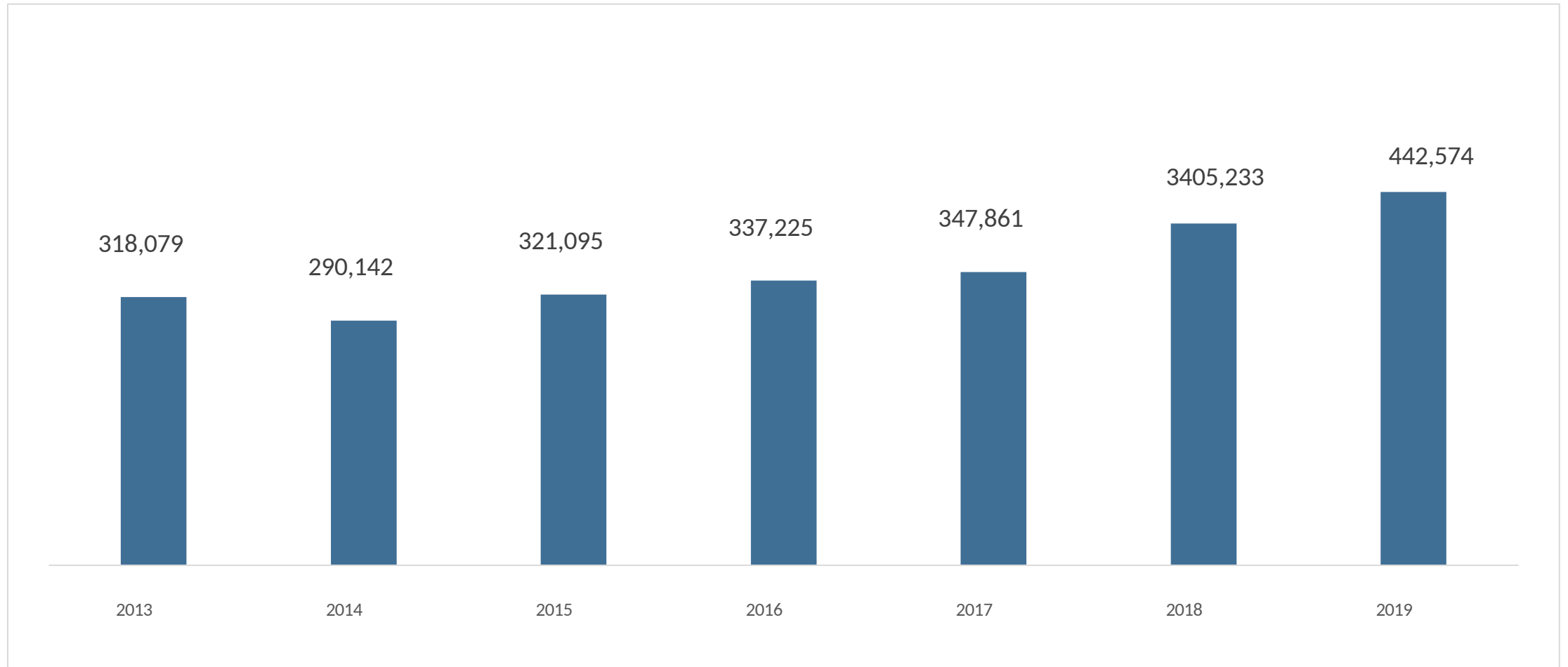
"E-Waste by Category from Commercial & Private Consumers (2023)"

Total: 648,418 tonnes | Per Capita: 21.03 kg/year



Source: EPA, 2023

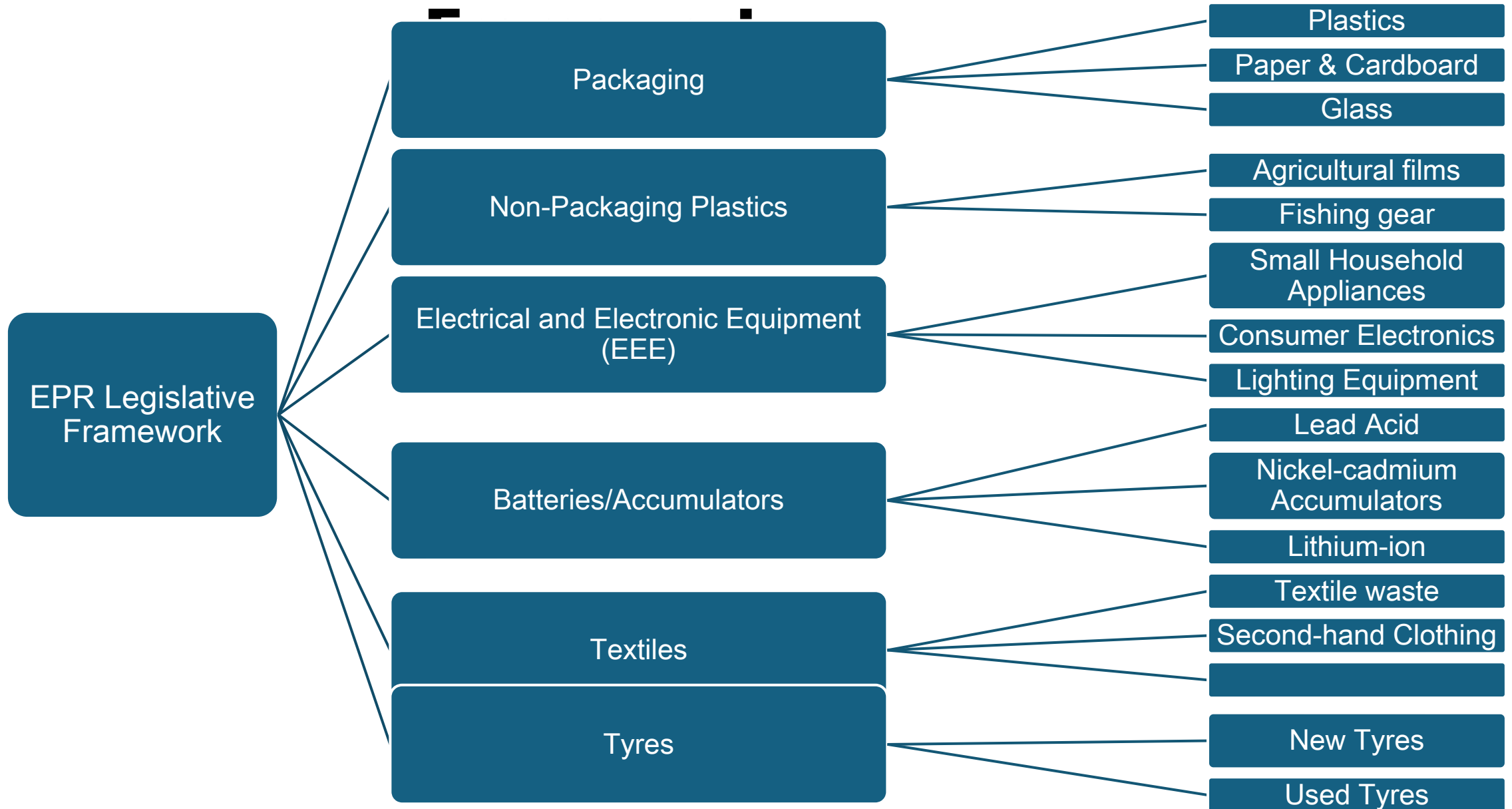
Yearly Imports of Plastics to Ghana (2013-2019) - (Net Mass In MT)



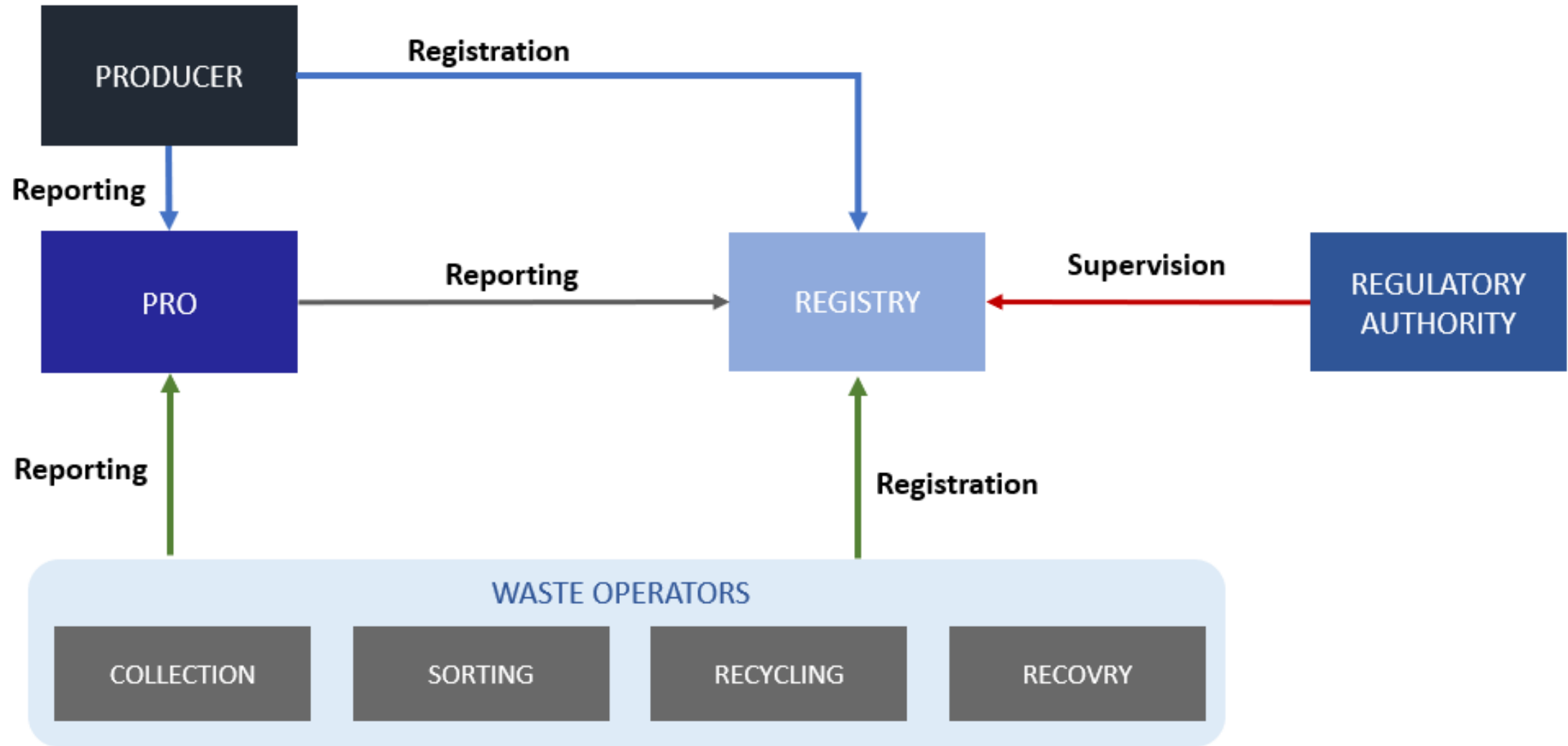
Source: EPA, 2023

Outlook of EPR Legislative Framework & e-Registry

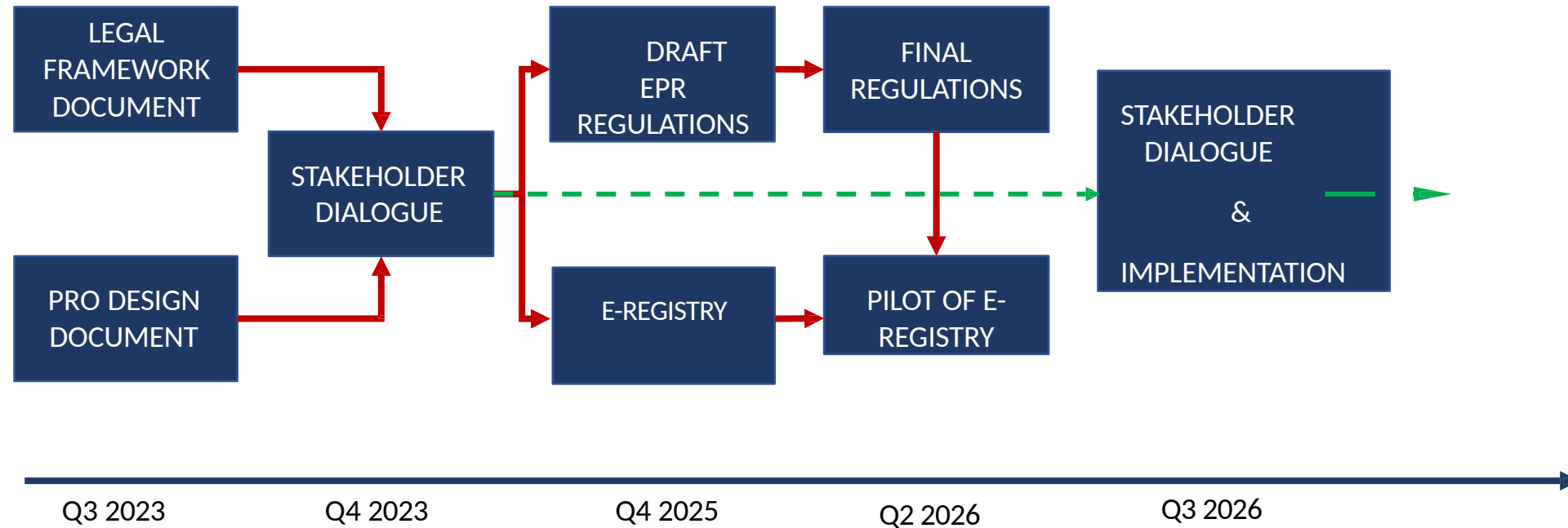
EPR Legislative Framework



PRELIMINARY DESIGN OF THE SYSTEM (E-REGISTRY)



Road Map & Next Steps





THANK YOU!
