

Commemorating Zero Waste Day –  
Accelerating Policy and Practice for Waste Management Systems and Resource Circularity

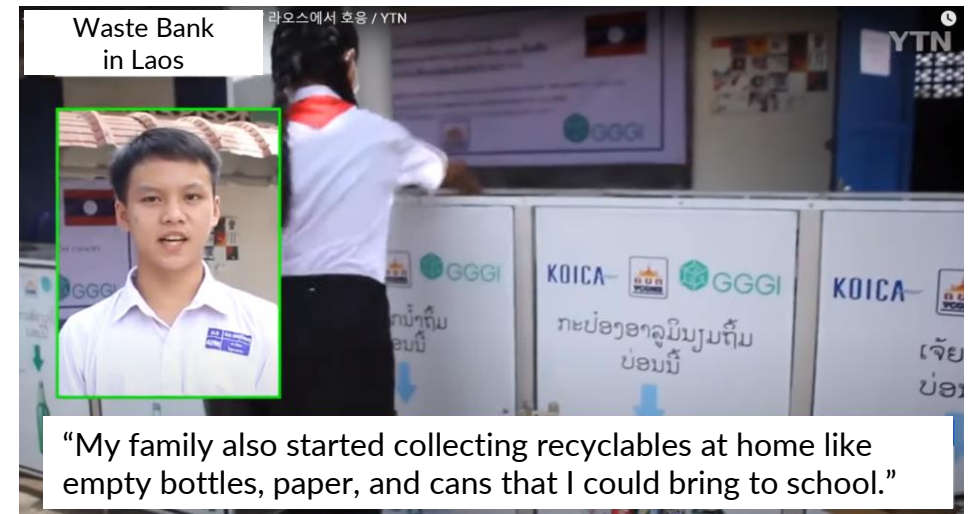
## Circular Economy Development with GGGI

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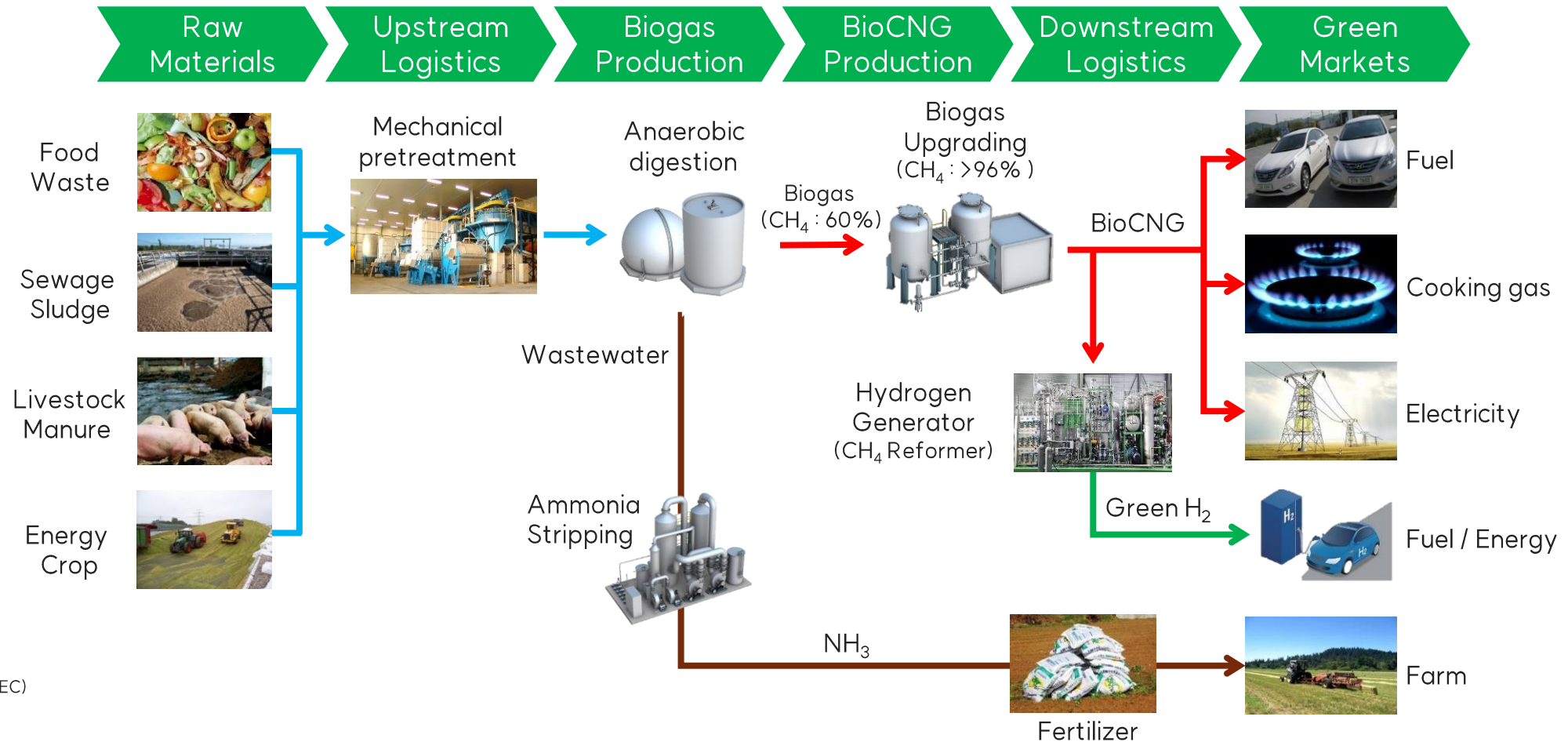
# Advanced Recycling System

GGGI has actively supported the establishment of **technologically advanced recycling centers**, aimed at replacing the existing manual waste recycling system. GGGI focuses on customizing recycling technologies to suit the specific characteristics and requirements of partner cities. Simultaneously, we prioritize effective communication with **local communities** and foster their **voluntary engagement**.



# Extension of Green-value-chain with Advanced Circularity

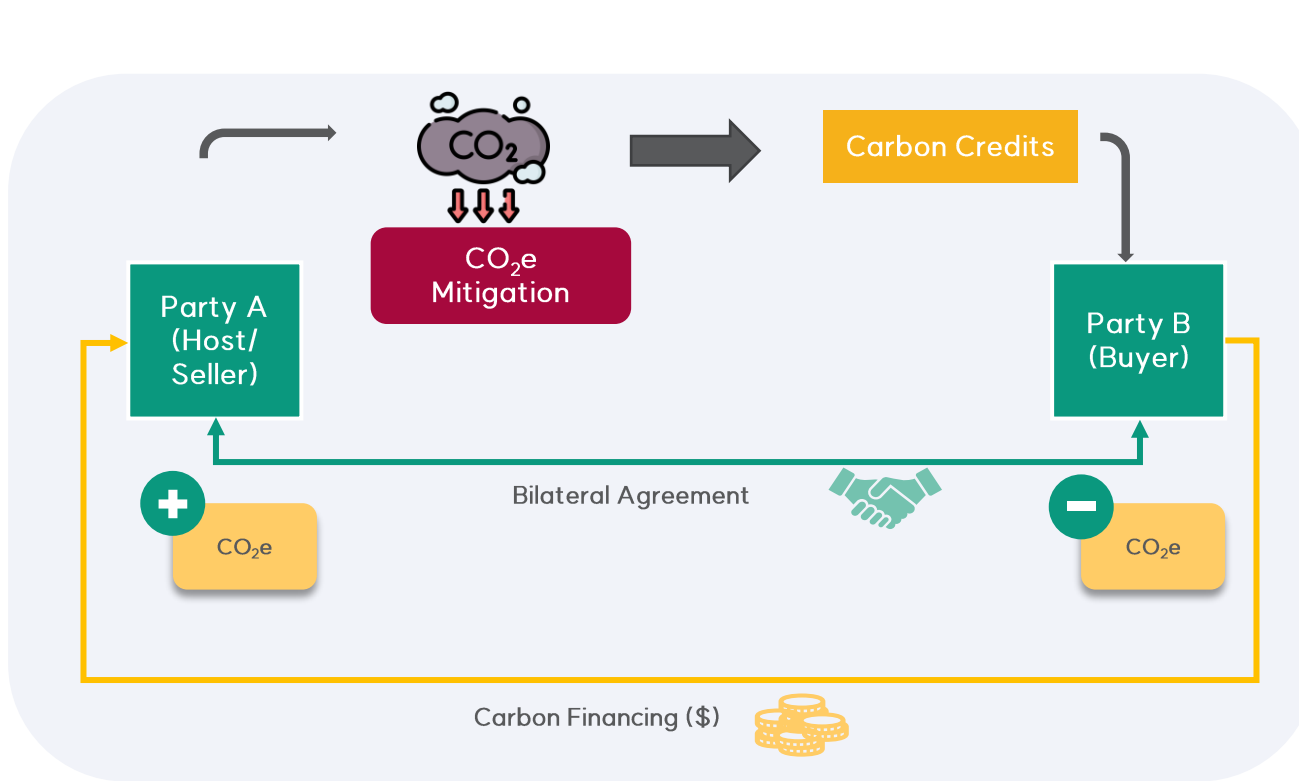
GGGI has been engaged in the establishment of novel green business opportunities and markets with biogas technologies, all while emphasizing the recycling of organic waste. GGGI is diligently collaborating with esteemed partner countries including India, Indonesia, Thailand, Nepal and Morocco, with the aim of formulating policies and mobilizing strategic green investments.



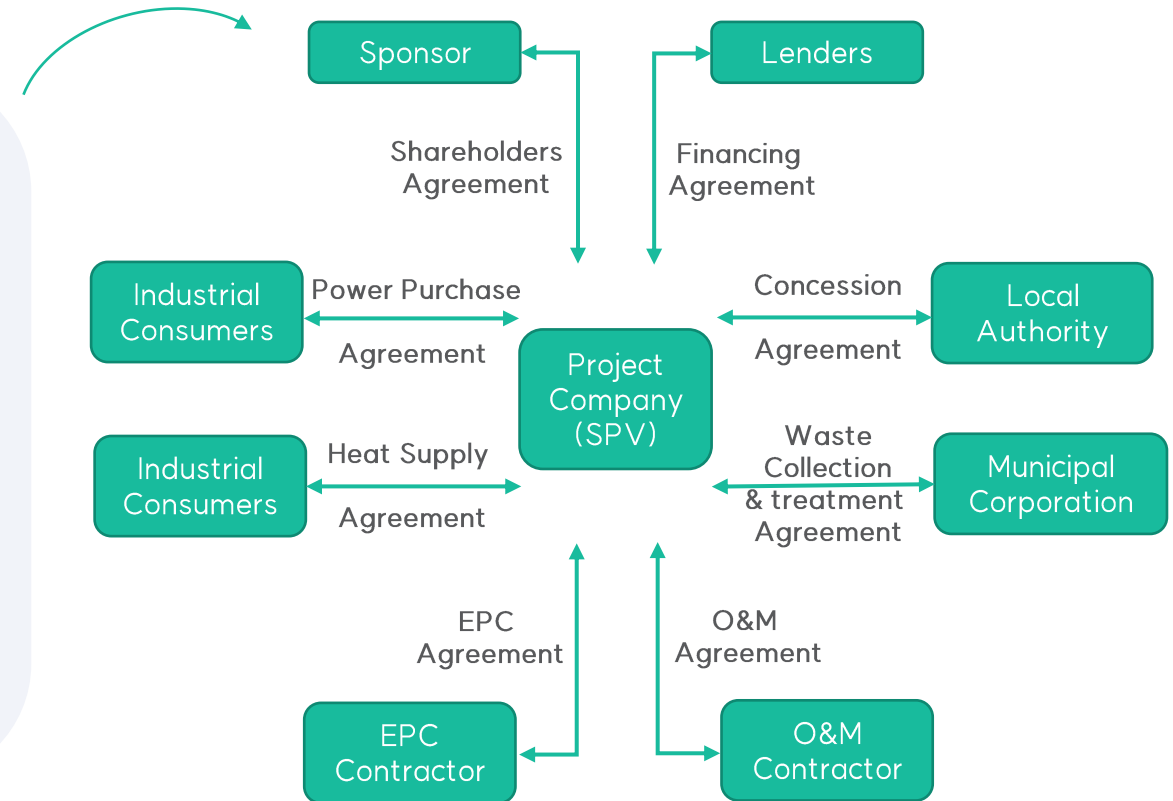
(Figure source : HDEC)

# Carbon Financing for Waste-to-Energy Projects

Carbon financing is the key to facilitate the execution of projects aimed at employing waste-to-energy and energy-saving solutions. Mainly, it can be implemented under a Public-Private Partnership scheme, wherein carbon finance plays a pivotal role as a crucial financing source.



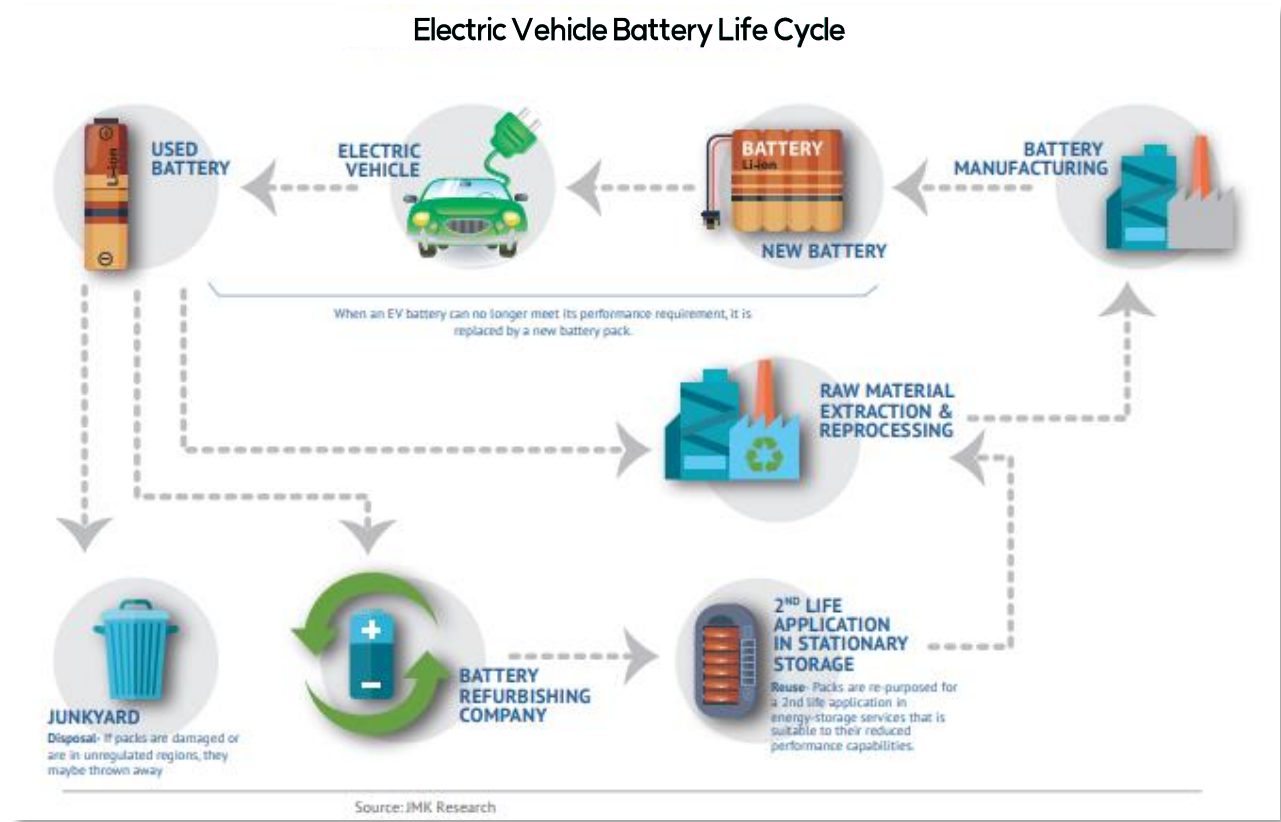
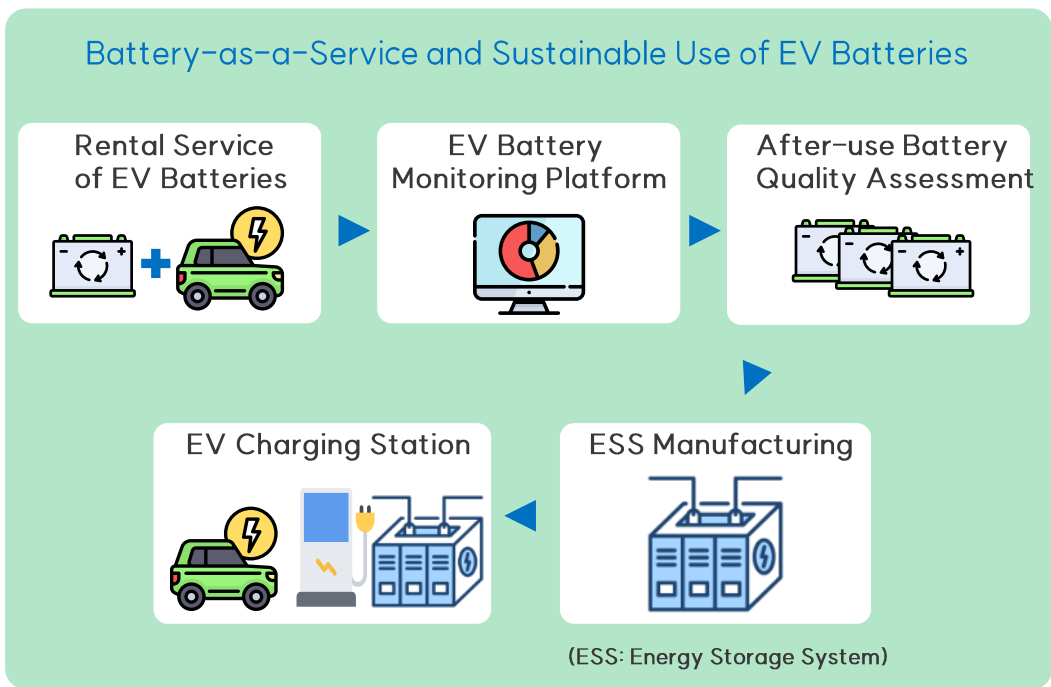
(Figure source : GGGI CPU)



(Figure source : GGGI Morocco Office)

# EV Battery Recycling Value Chain Improvement (Indonesia)

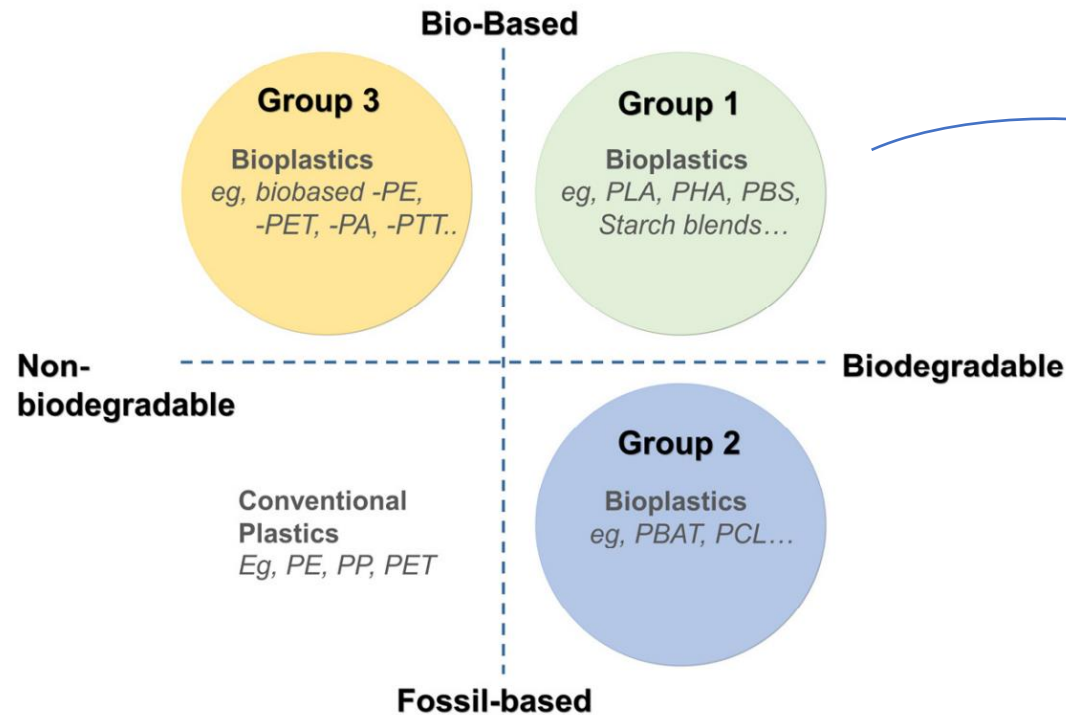
GGGI is committed to formulating policy frameworks that enable innovative business models in the private sector and to developing investment projects for the sustainable management of EV batteries.



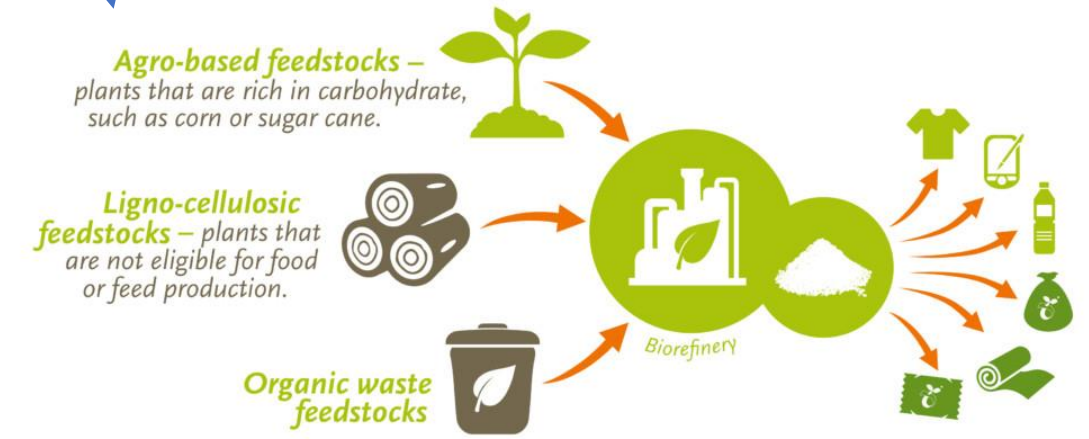
(Figure : [auto.economicstimes.indiatimes.com/news/auto-components/evs-battery-waste-and-million-dollar-opportunity/77215015](https://auto.economicstimes.indiatimes.com/news/auto-components/evs-battery-waste-and-million-dollar-opportunity/77215015))

# Bio-plastic Investment Promotion (Philippines)

GGGI is recently initiating a project in the **Philippines** to support the introduction of a **bioplastic use policy** and the development of related industries to promote the production and use of **eco-friendly raw materials**. The project aims to create a market for bioplastic producers and consumers, fostering a competitive **bioplastic industry** in partner countries.



Bio-based plastics are made from a wide range of renewable **BIO-BASED feedstocks**.



© European Bioplastics

(Figure source : NIFS Korea)

# Perspective Shift of Circular Economy in Green Transition

Modernized Circularity encompasses **all stages of product life cycle**, extending beyond the after-use phase and shifting the circular perspective:

Sustainable **Waste** Management → Sustainable **Resource** Management

## Entire Life-Cyclic Circular Practices

Efficient Resource  
Extraction

Circular Material  
Development

Sustainable  
Design & Production

Circular Use &  
Life Extension

## Conventional Focus Area (Waste Management System)

Circular Value Recovery

Safe Disposal

GREEN GROWTH



[www.gggi.org](http://www.gggi.org)

THANK YOU

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