

# Biodegradable plastics and revision of targets

Mariagiovanna Vetere

ISWA WGLI – Vice Chair

# Agenda

- Directives under revision
- Content of directives
- Definition of bioplastics
- Impact of revision and possible outcomes

# Directives and targets

			Min Recovery	Min. Recycling
Packaging	1994/62/EC	2002	50%	25%
	2004/12/EC	2008	60%	55%
Bio waste	1999/31/EC Landfill dir.	2006	75% of bw sent to landfill in 1995	
		2009	50% of bw sent to landfill in 1995	
		2016	35% of bw sent to landfill in 1995	
WFD	2008/98/EC	2015	Separate collection of plastic, metal, paper, glass	
		2020	50% of HH waste	
		2020	70% demolition waste	

# Packaging and Packaging Waste Directive - PPW

## Main contents of directive:

- Definitions
- Targets
- Recovery operations
- Essential requirements

# Waste Framework Directive - WFD

## Main contents of directive:

- Definitions
- Hierarchy
- Targets
- Calculation and reporting

## The Waste Hierarchy

Preferred Environmental Option



Least preferred Environmental Option

# Landfill Directive - LD

## Main contents of directive:

- Definitions
- Targets
- Treatments

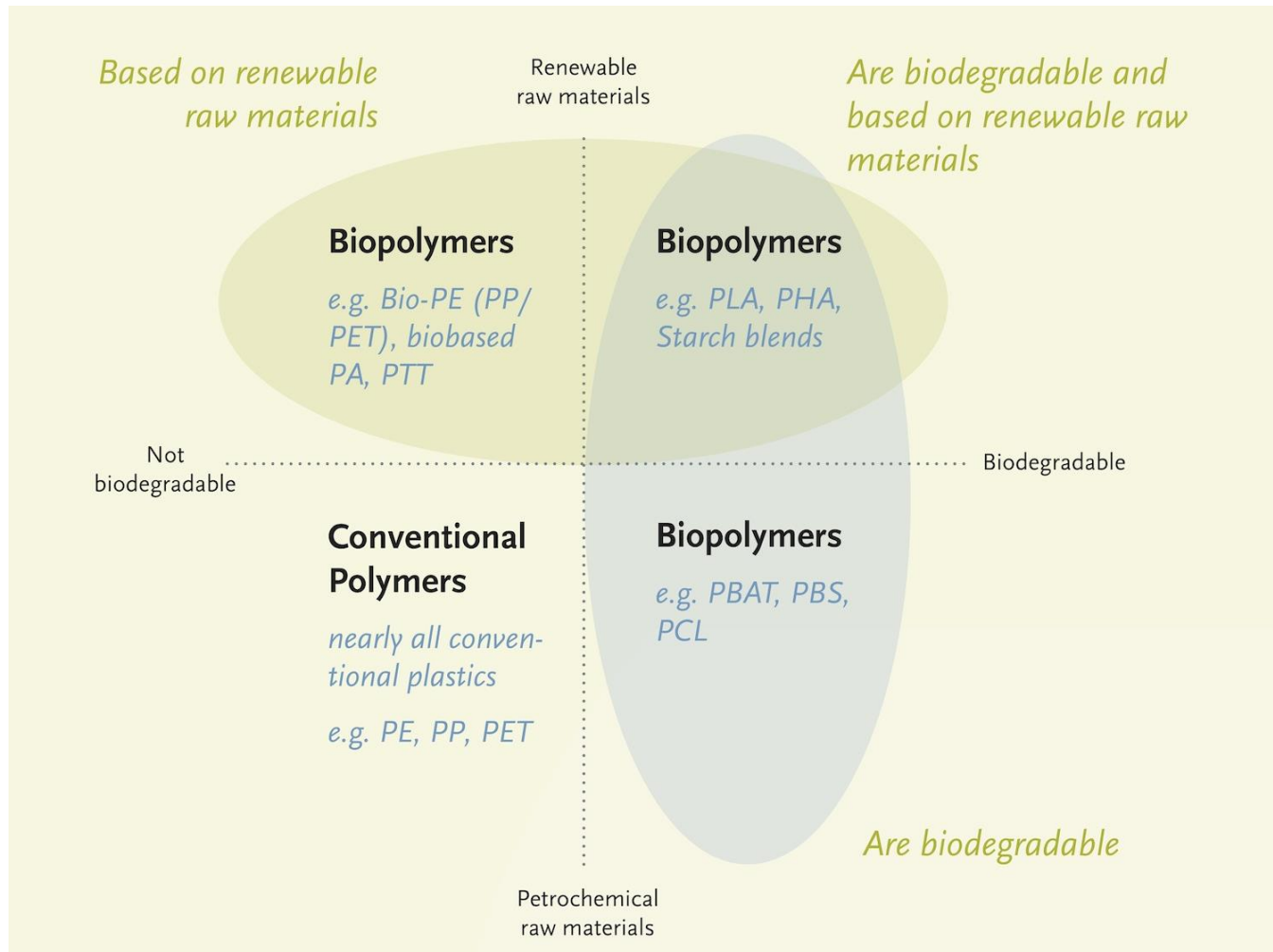
## What are Bioplastics

Bioplastics constitute a large family of different plastic materials that are biobased, biodegradable, or both.

With a current global market share of less than one percent, they represent an economically innovative sector that could drive further economic growth and employment, even in rural areas. Bioplastics can also make a considerable contribution to increased resource efficiency through biomass use cascades.

In case of biodegradable/compostable plastics, they can offer an important contribution in diverting food waste from landfill (or incineration).

# Bioplastics





## Biodegradable plastics and EU legislation review

- Mandatory separate collection of organic waste – within maximum 2020
- Harmonization of definition of biowaste including packaging that can be composted
- Organic recycling supported by the EN13432 norm
- Clear rules for EPR schemes and level playing field with other packaging materials
- Progressive phase out of landfill as end of life option for biodegradable/compostable waste