



# Plastic Packaging On The Road To Sustainability: Policy Overview

BIOCOMPACT – CE FINAL CONFERENCE

Interreg Central Europe Programme

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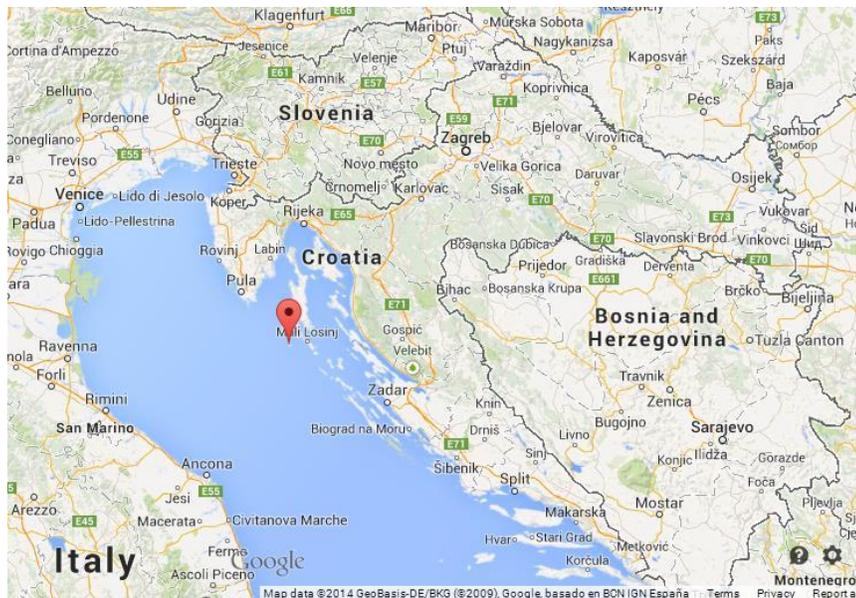
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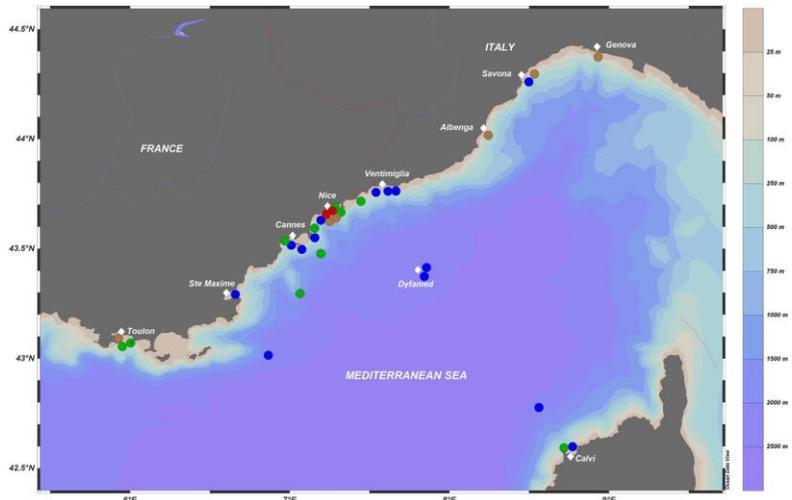
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Island Susak, Croatia  
2010





Expedition, Genoa - Corsica, 2012



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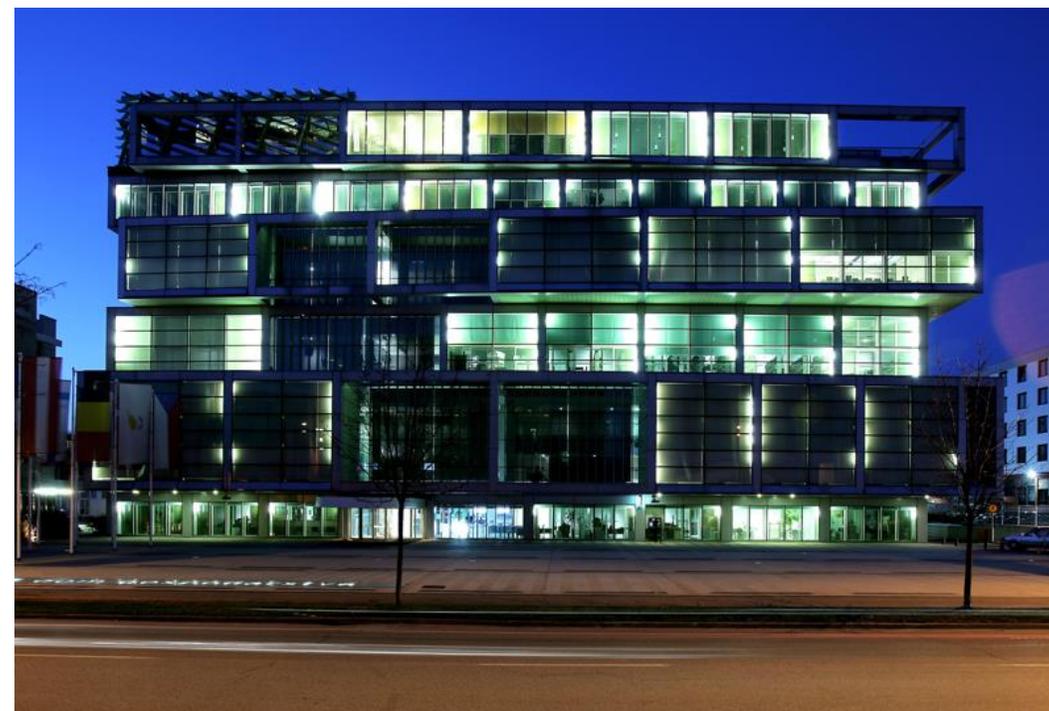
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# Plastic packaging in the environment

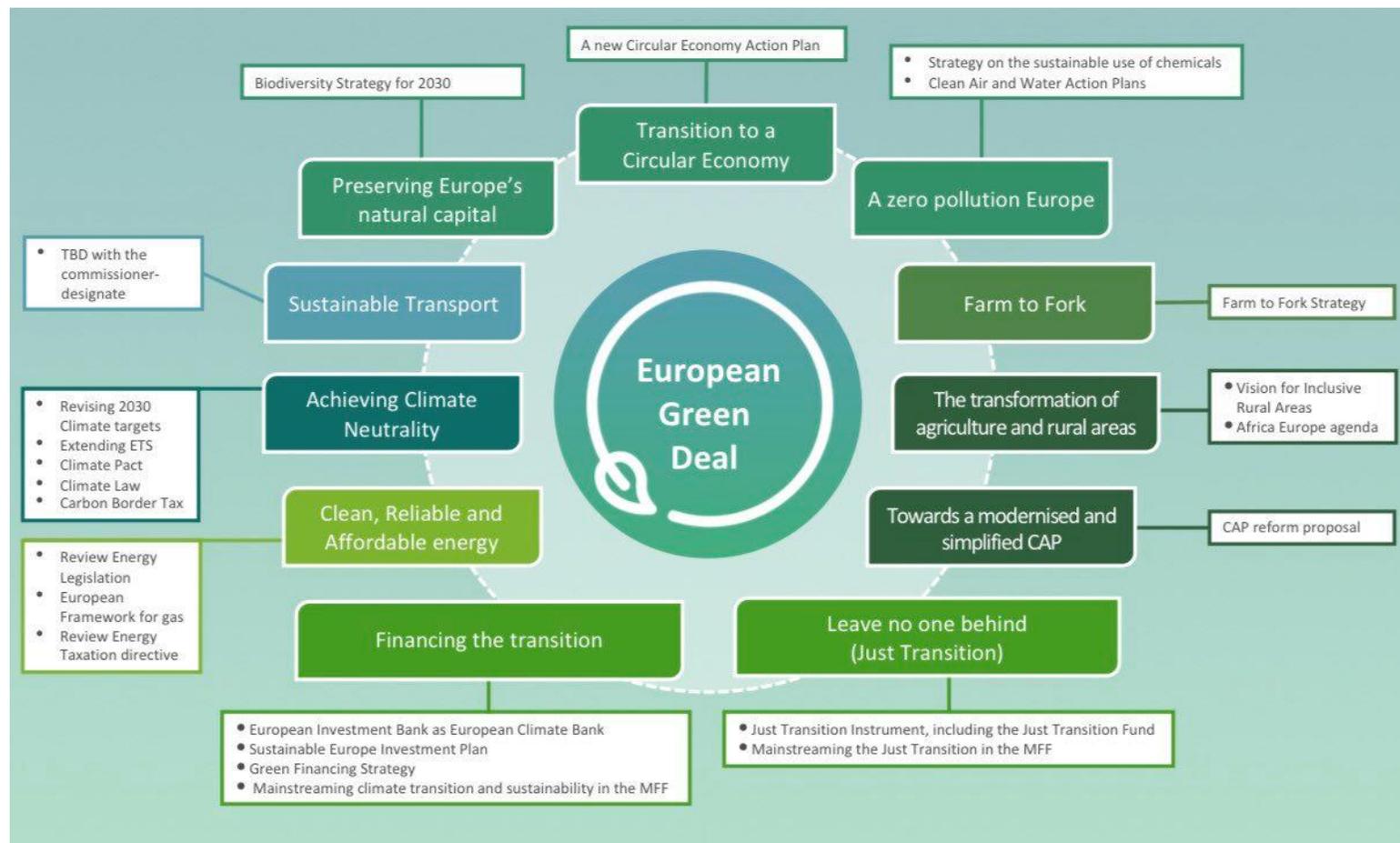
## How EU Member States develop marine strategies



Ranking	Item	Total Number on sample of beaches monitored in 2016	% as proportion of general plastic items <sup>1</sup>	Cumulative % of items in scope as a proportion of general plastic items <sup>1</sup>	% as proportion of single-use plastic items <sup>2</sup>	Cumulative % of items in scope as a proportion of single-use plastic items <sup>2</sup>
1	Drinks bottles, caps and lids	24,541	19%	19%	21%	21%
2	Cigarette butts	21,854	17%	36%	19%	39%
3	Cotton buds sticks	13,616	11%	46%	12%	51%
4	Crisp packets/sweet wrappers	10,952	9%	55%	9%	61%
5	Sanitary applications	9,493	7%	62%	8%	69%
6	Plastic bags (CBD & non-CBD)	6,410	5%	67%	6%	74%
7	Cutlery, straws and stirrers	4,769	4%	71%	4%	79%
8	Drinks cups and cup lids	3,232	3%	73%	3%	81%
9	Balloons and balloon sticks	2,706	2%	75%	2%	84%
10	Food containers incl. fast food packaging	2,602	2%	77%	2%	86%



# European Green Deal (Dec 2019)



Source: <https://www.compostnetwork.info/eu-green-deal/>

# European Green Deal (Dec 2019) 2/2



Environment	European Reference Standard	Certification and logos	Notes
Industrial composting	EN13432		EN 13432 refers to packaging. In addition, EN 14995 is a similar European standard for compostability of non-packaging products in industrial composting plants.
Well-managed home composting conditions	No European standard		The OK compost home label builds on a certification scheme developed by TÜV Austria Belgium NV. The DIN-Geprüft Home Compostable label is based on French standard NF T51-800 and/or the Australian standard AS 5810. National standards also exist in Belgium and Italy. A draft European standard exists for plastic carrier bags suitable for treatment in well-managed home composting installations (prEN 17427:2020).
Soil	EN17033		EN17033 applies to mulch films only.
Freshwater	No European standard		Based on a certification scheme developed by the label provider, but can be compliant with EN 17033 on request by adding two additional ecotoxicity tests.
Marine water	No European standard		Based on a certification scheme developed by the label provider, using American standard ASTM D7081 (withdrawn) as a basis.



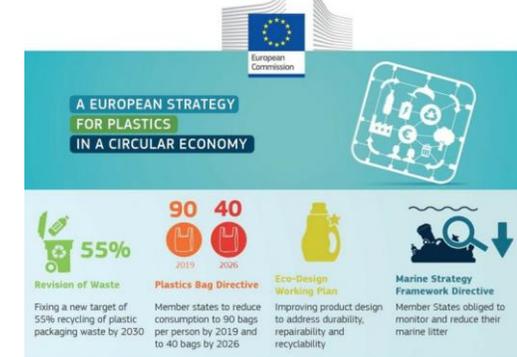
Sources:  
 -Zero Waste Europe  
 -EEA  
 -European Commission  
[www.dostop.si](http://www.dostop.si)  
 -IHS Markit



# New circular economy action plan (Mar 2020)



# Plastic Strategy (Jan 2018) (1/2)



## → Improving the economics and quality of plastics recycling

→ DESIGN FOR RECYCLABILITY

→ BOOSTING DEMAND FOR RECYCLED PLASTICS

→ BETTER SEPARATE COLLECTION AND SORTING

## → Curbing plastic waste and littering

→ PREVENTING PLASTIC WASTE IN OUR ENVIRONMENT

→ ESTABLISHING FRAMEWORK FOR BIODEGRADABLE PLASTICS

## → Driving innovation and investment towards circular solutions



# Plastic Strategy (Jan 2018) (2/2)



- Innovations (material that fully degrade in seawater and freshwater; health impacts of microplastics and develop better monitoring tools)
  - Development of alternative feedstocks in plastic production
  - Others..
- 
- **European Green Deal Call (by 26th January 2020)**
  - **EPR**
  - **Taxation**
  - **European Structural and Investment Funds**
  - **The European Fund for Strategic Investment (EFSI)**

# Directive 2018/850 amending directive on the landfill of waste



Source: <http://www.t-vine.com/turkey-worst-in-europe-for-waste-landfills/>

Landfilling of domestically generated waste excluding major mineral wastes in the EU, 2016  
(1 000 tonnes)

	Landfilling of domestically generated waste		
	1 000 t	kg/hab	%
<b>EU-28</b>	<b>179 020</b>	<b>350</b>	<b>24</b>
Belgium	1 480	131	4
Bulgaria	10 270	1 441	70
Czechia	2 735	259	22
Denmark	240	42	3
Germany	15 674	190	11
Estonia	9 301	7 069	83
Ireland	1 154	243	31
Greece	.	.	.
Spain	21 386	460	45
France	17 903	268	21
Croatia	1 423	341	45
Italy	15 620	258	19
Cyprus	499	586	67
Latvia	.	.	.
Lithuania	437	152	19
Luxembourg	223	383	17
Hungary	4 356	444	46
Malta	237	519	56
Netherlands	1 220	72	3
Austria	1 238	142	9
Poland	19 701	519	29
Portugal	2 893	280	33
Romania	10 732	545	54
Slovenia	111	54	5
Slovakia	3 017	556	47
Finland	1 202	219	12
Sweden	1 394	141	8
United Kingdom	20 035	305	24

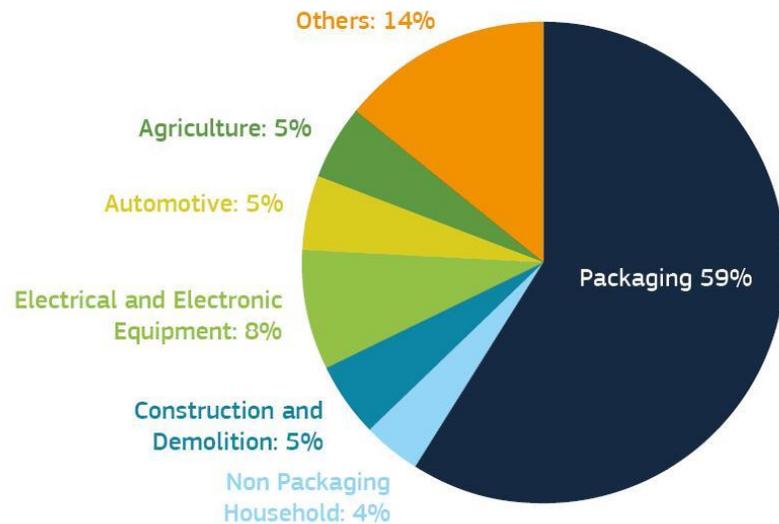
Source: Eurostat (online data code: env\_wasoper)

# Directive 218/851 amending directive on waste

- Preparing for re-use and the recycling of municipal waste shall be increased to a minimum of 55% by weight by 2025, 60% by 2030 and 65% by 2035
- General minimum requirements for EPR schemes
- End-of-waste criteria

# Directive 2018/852 amending packaging and packaging waste directive

## EU PLASTIC WASTE GENERATION IN 2015



Source: Eunomia (2017)

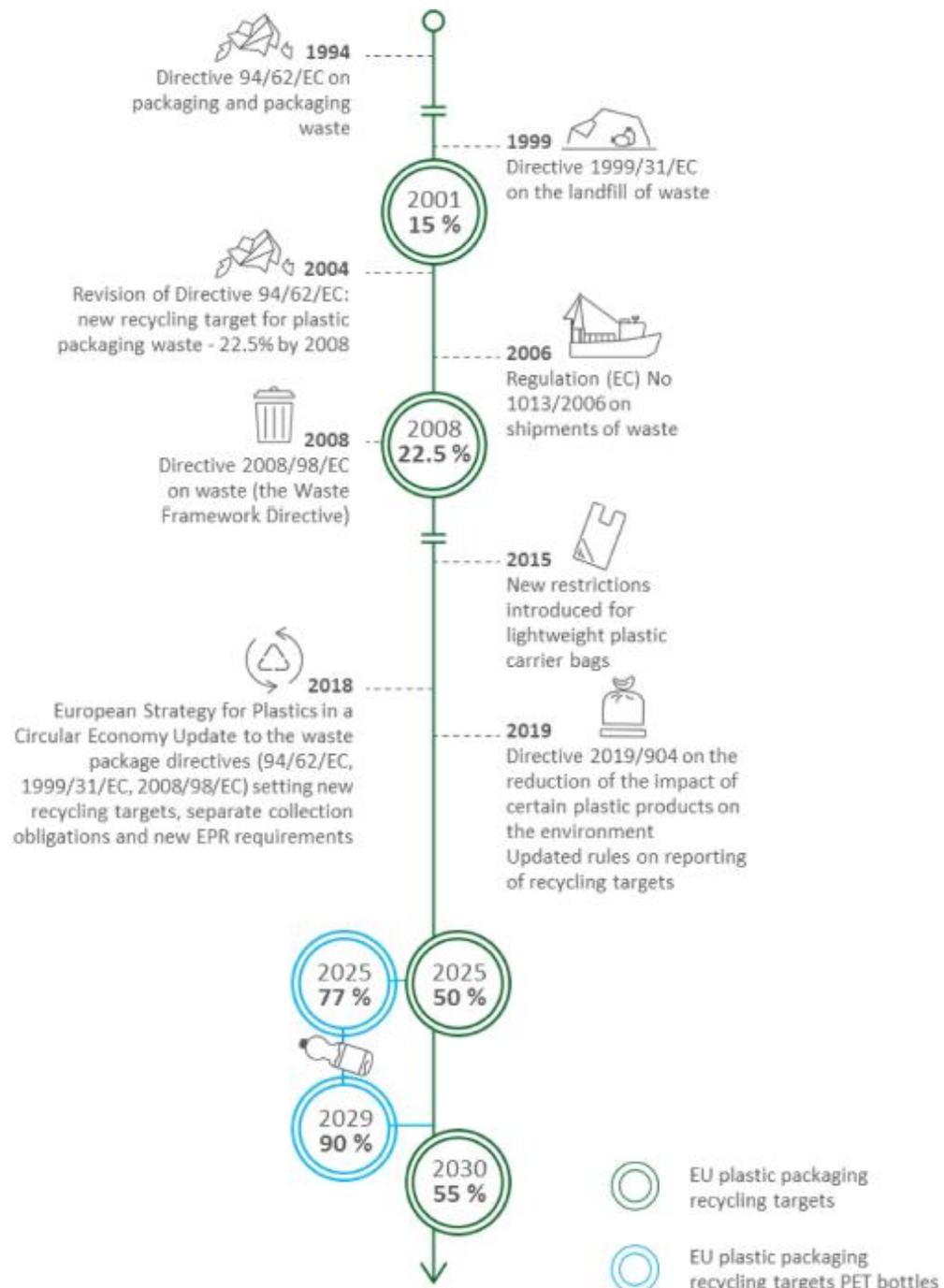


	2025	2030	2035
Minimum recycling & preparation for reuse of municipal waste	55%	60%	65%
Maximum landfilling of municipal waste	-	-	10%
Minimum recycling of packaging waste	65%	70%	-
Plastic	50%	55%	-
Wood	25%	30%	-
Ferrous metals	70%	80%	-
Aluminium	50%	60%	-
Glass	70%	75%	-
Paper and cardboard	75%	85%	-

Source: Zero Waste Europe

# Directive on the reduction of the impact of certain plastic products on the environment (2019/904)





# Plastic packaging taxation (EUCO 10/20 )



# Thank you for your attention!



*Let's stay in touch!*

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