



Plastics Recycling in Europe and Italy

-

EU legislation Framework changes

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PRE Board Member

Ravenna – 22 Maggio 2014

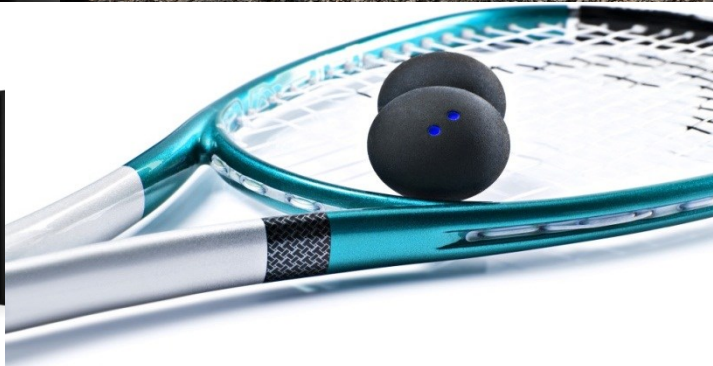
PRE MISSION



- ✓ promotion of plastics recycling
- ✓ creation of conditions which enable profitable and sustainable business
- ✓ development by initiating recycling projects
- ✓ promote the use of recycled plastics
- ✓ offering service platform



Europe's Plastics consumption
>1,200,000 tons per week



Plastics waste in Europe
>25,000,000 tonnes



Disposal
>10,000,000 tonnes



Energy Recovery
>8,700,000 tonnes



Collected for recycling

< 6,000,000 tonnes

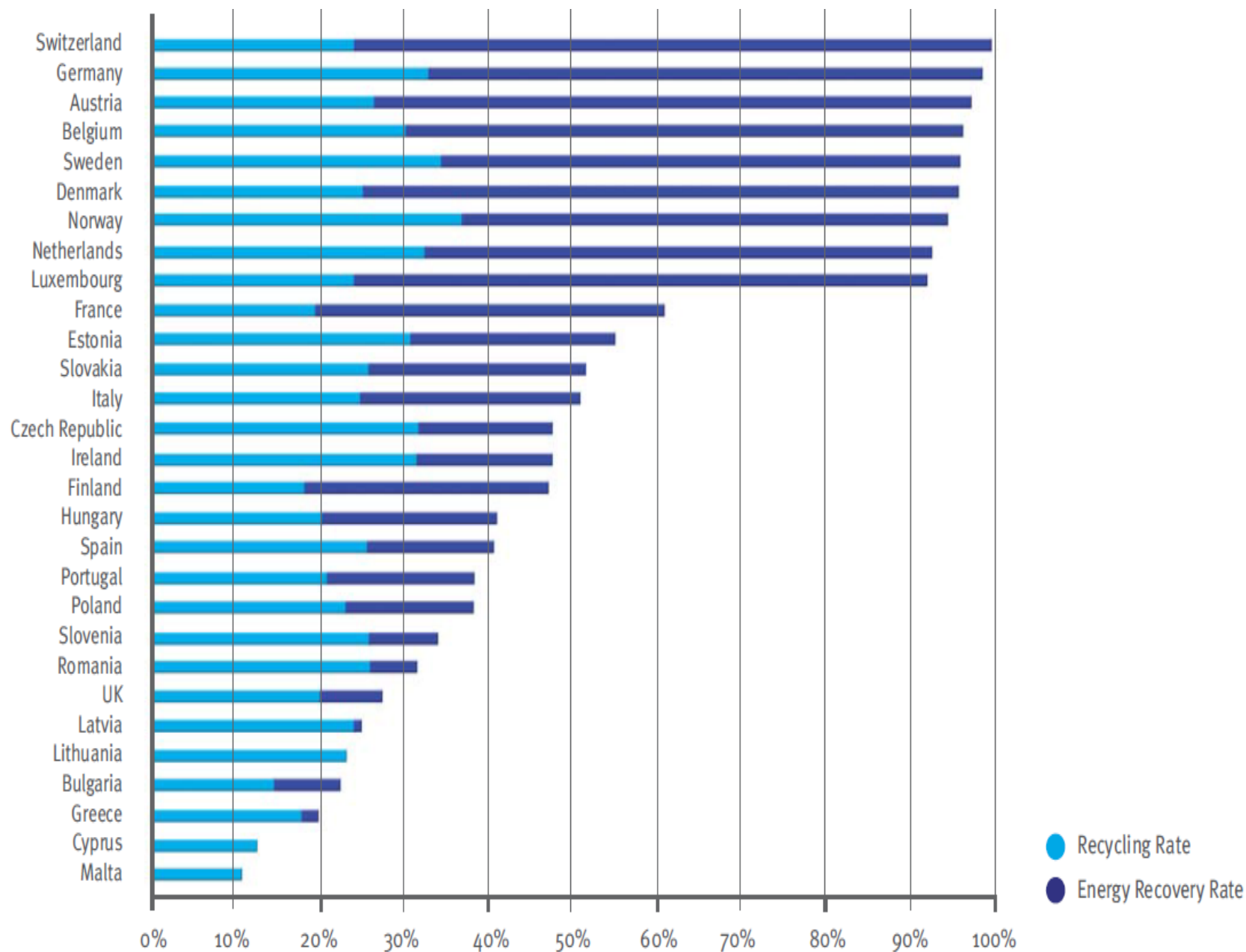


Public awareness



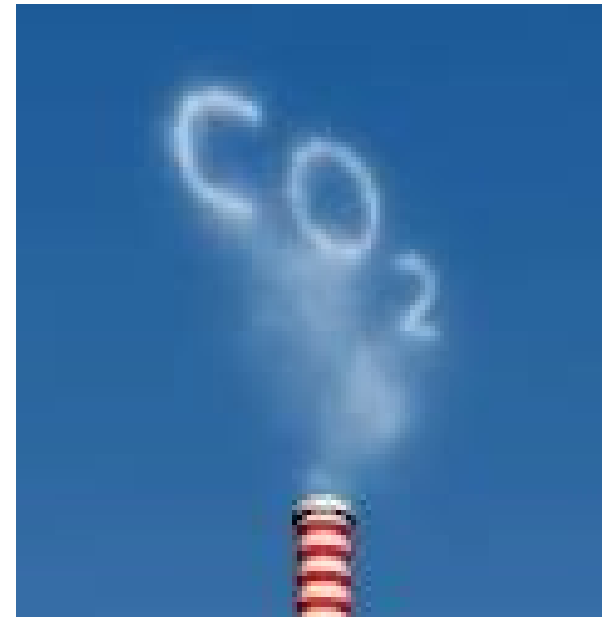
Separate waste streams





Source: Plastics Europe

Benefits of recycling



Exports



800 containers per day





Higher targets



Ecodesign



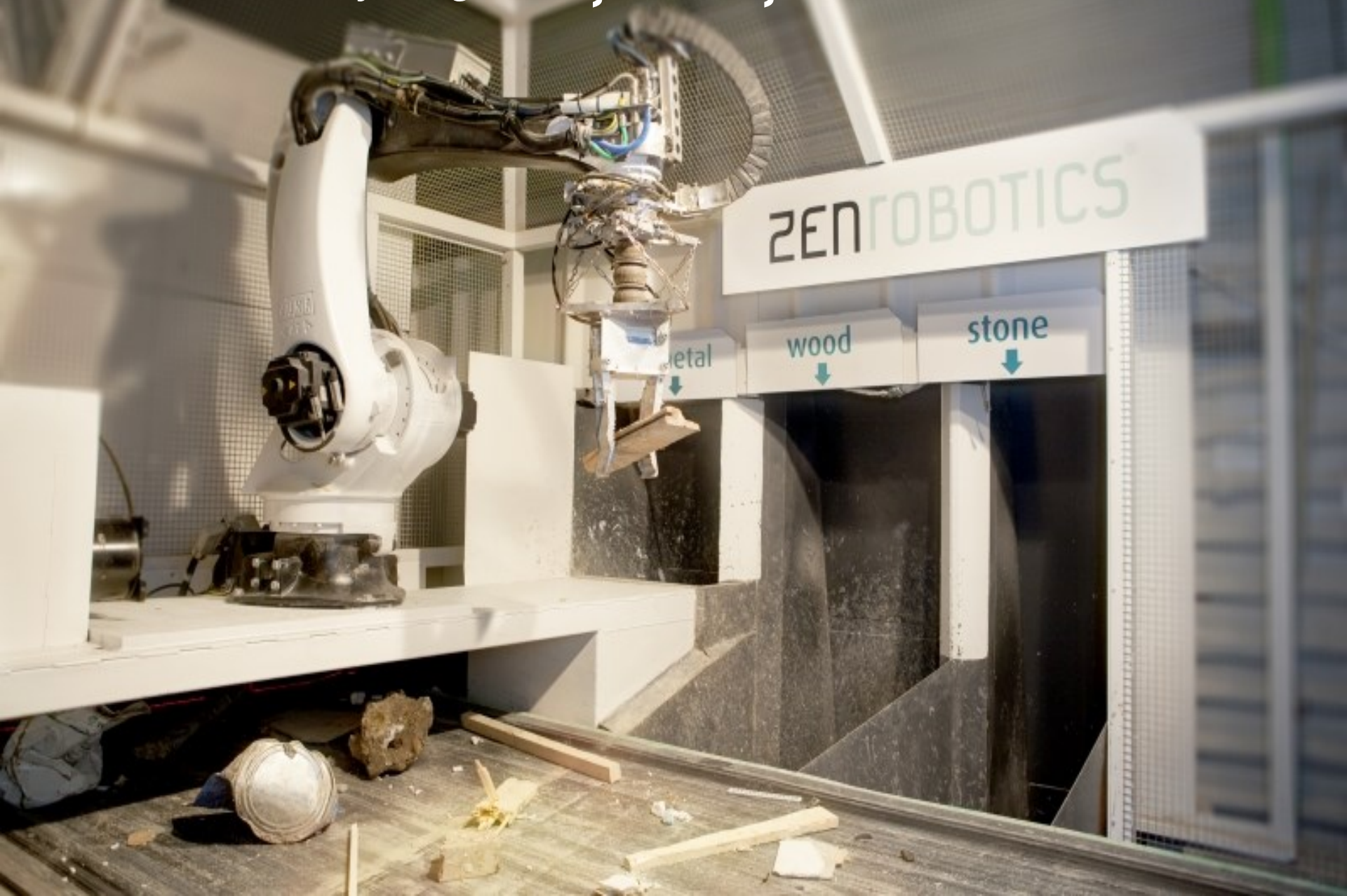
Vision for resource efficiency



Resource in 2020 30,600,000 tonnes



Collected for recycling 18,000,000 tonnes

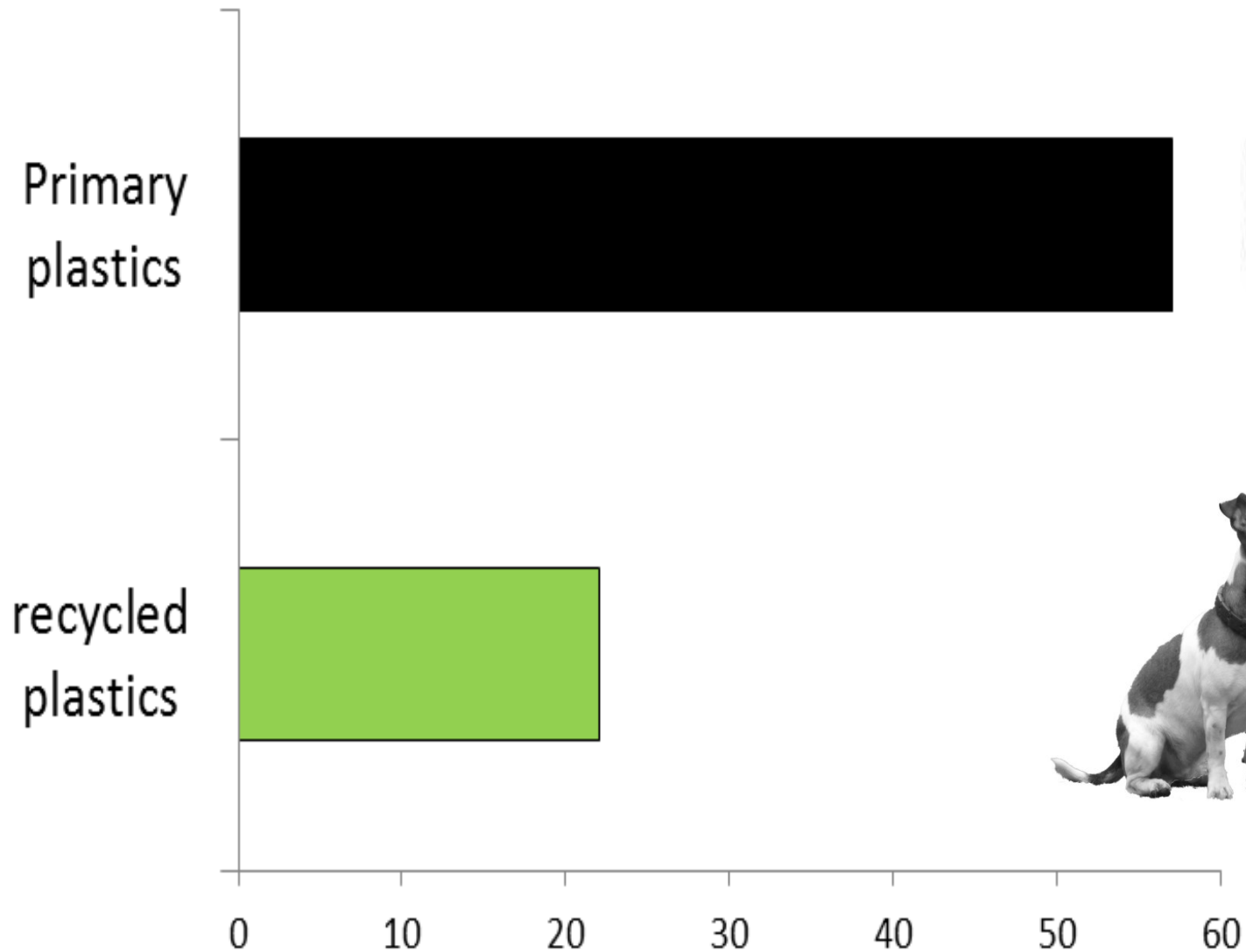


Input for recycling in Europe

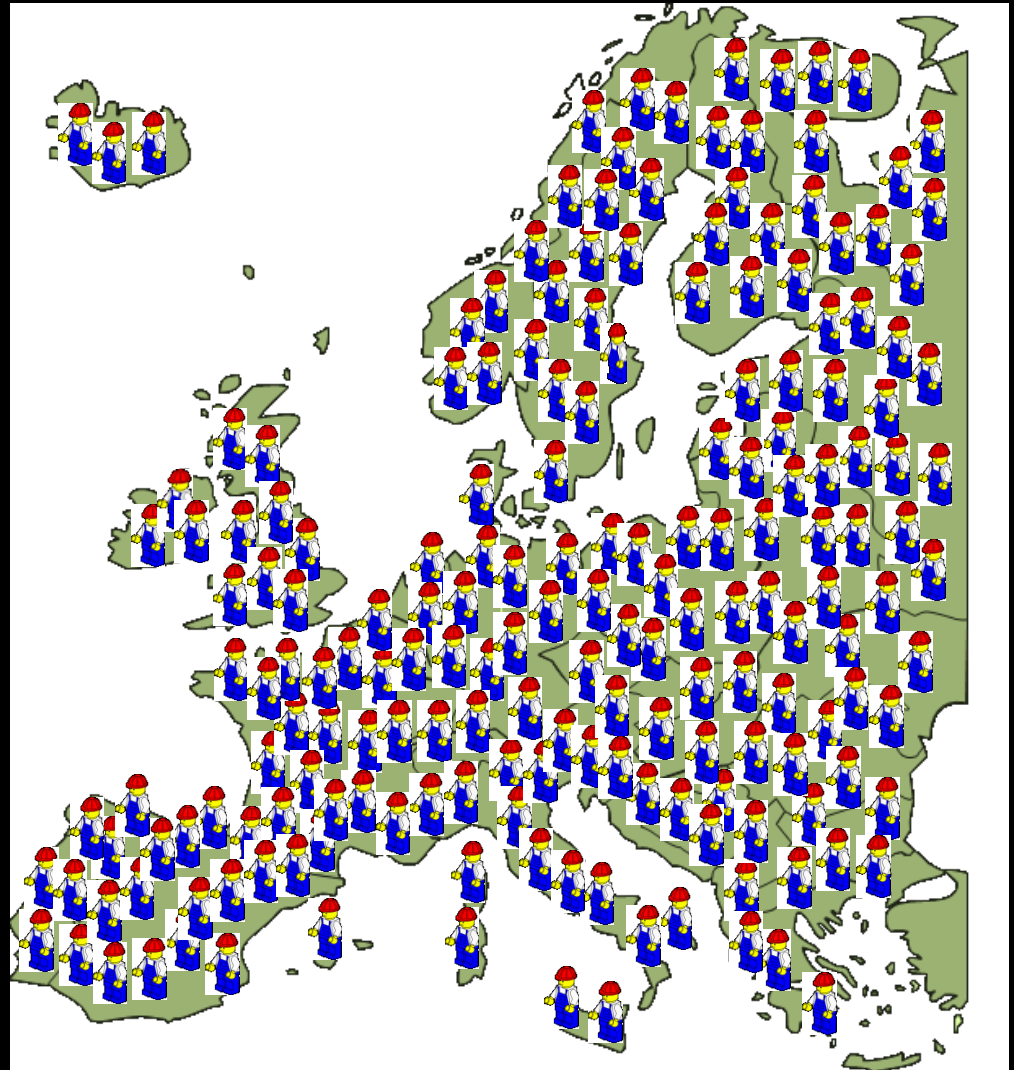
14,900,000 tonnes



24% recycled plastics



120,000 green jobs



1973

We don't have oil but we have ideas



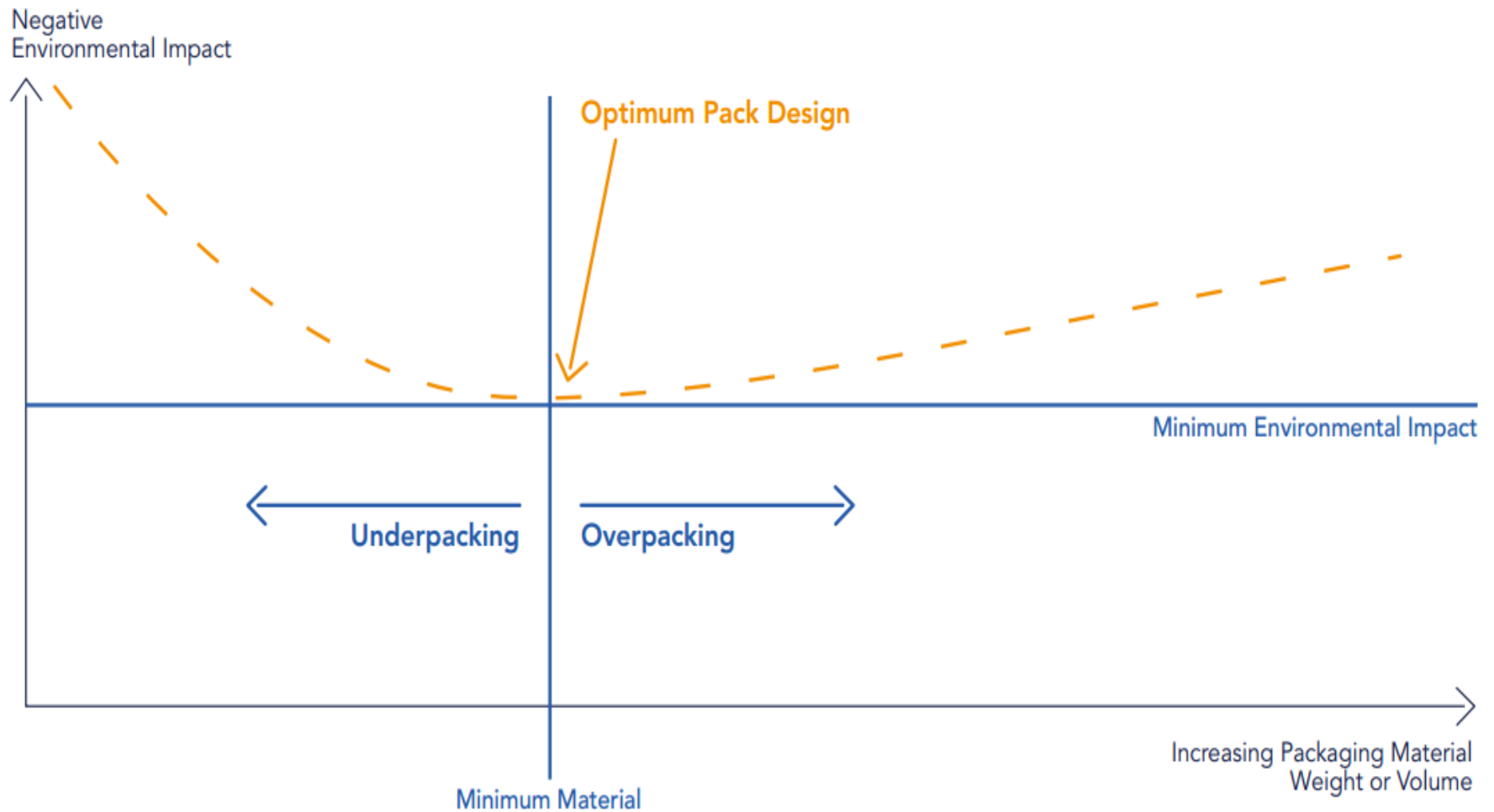
1981



1997

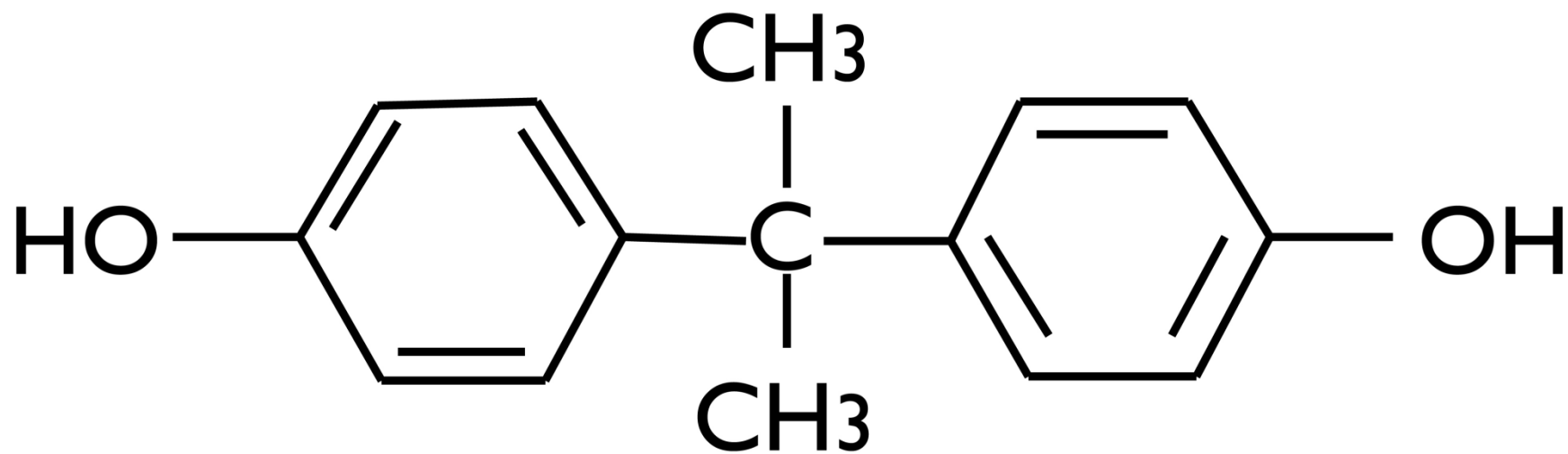


90s



Source: European

2000



2014

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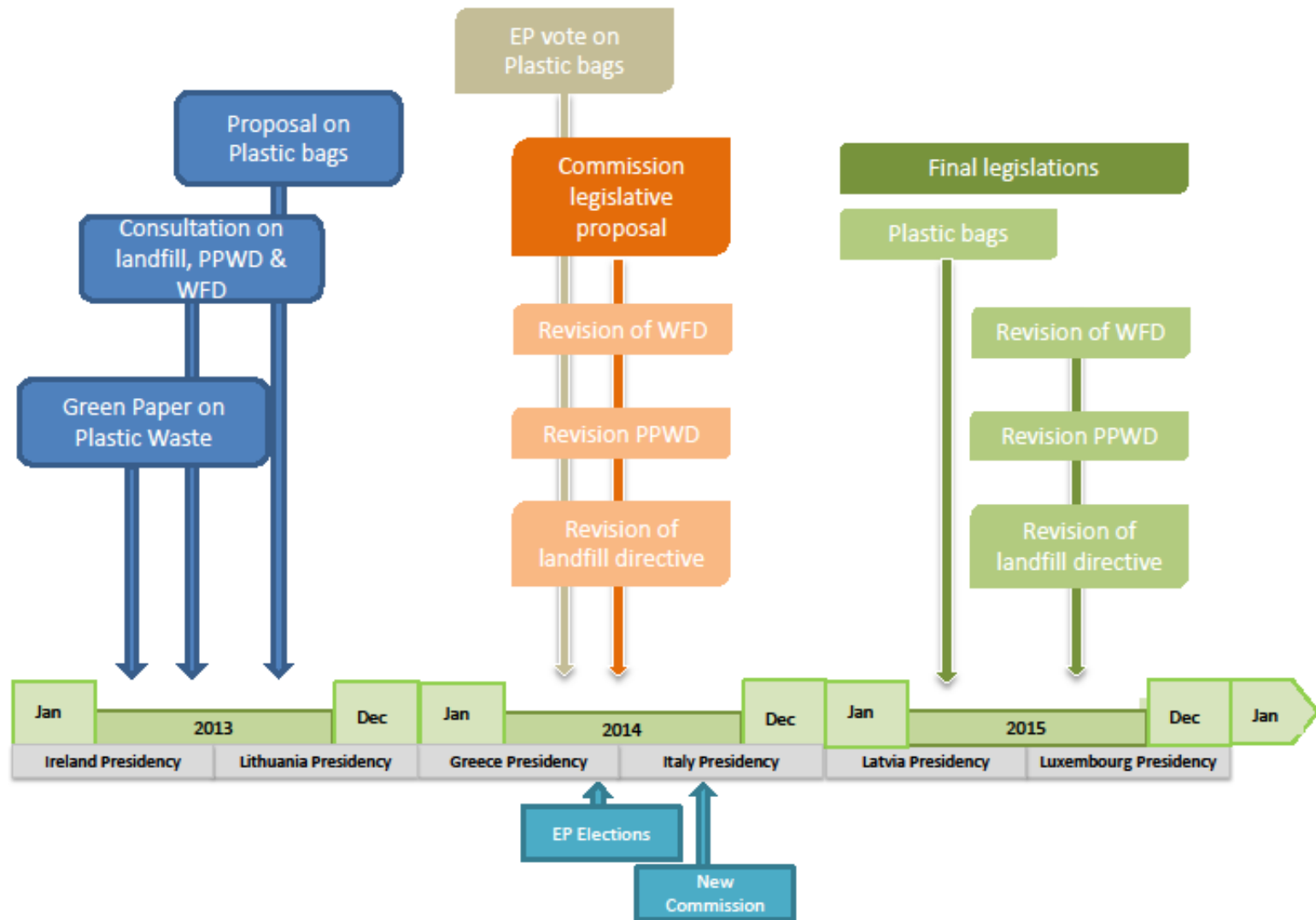
A low-angle, upward-looking photograph of a diverse group of approximately ten people of various ages and ethnicities. They are all smiling and holding their hands up, palms facing the center, to form a human circle. The background is a clear, bright blue sky. The text "Cross Industry work" is centered in the middle of the image in a white, sans-serif font.

Cross Industry work

Plastics Recycling in Italy – (2012 data)

Applications	Tot. Generation		Recovery (kT)				Disposal
	kT	%	Total	Mech. Recycl.	Feedstock Recycl.	Energy Recovery	Total
Packaging	2.052	62,6	1.455	745	7	703	597
Building/ Construction	136	4,1	24	19	0	5	112
Automotive	183	5,6	27	12	0	15	156
WEEE	138	4,2	36	9	0	27	102
House wares, leisure, sports	107	3,3	21	0	0	21	86
Agriculture	213	6,5	82	47	0	35	131
Others (Furnit., etc.)	451	13,8	58	0	0	58	393
TOTAL	3.280	100	1.703	832	7	864	1.576

EU legislation framework changes timeline



Plastics Recyclers Europe represent National Associations and Individual Member Companies covering 80% of the European market.



We focus on the promotion of plastics recycling and the creation of conditions which enable profitable and sustainable business.

Plastics Recyclers Europe - Creating a Sustainable Recycling Network

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