

If you are not for Zero Waste... how much waste are you for?



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www.zerowasteeurope.eu
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www.zerowastecities.eu

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*Empowering Our Communities to
Redesign relationships with resources*

Town to Town, People to People – Building a European Culture of Zero Waste

Program Europe for Citizens



Co-funded by the
Europe for Citizens Programme
of the European Union

10 Partners – 4 conferences



Empowering Our Communities to Redesign

In a number of regions, local groups of individuals, businesses and city officials are taking significant steps towards eliminating waste in our society.

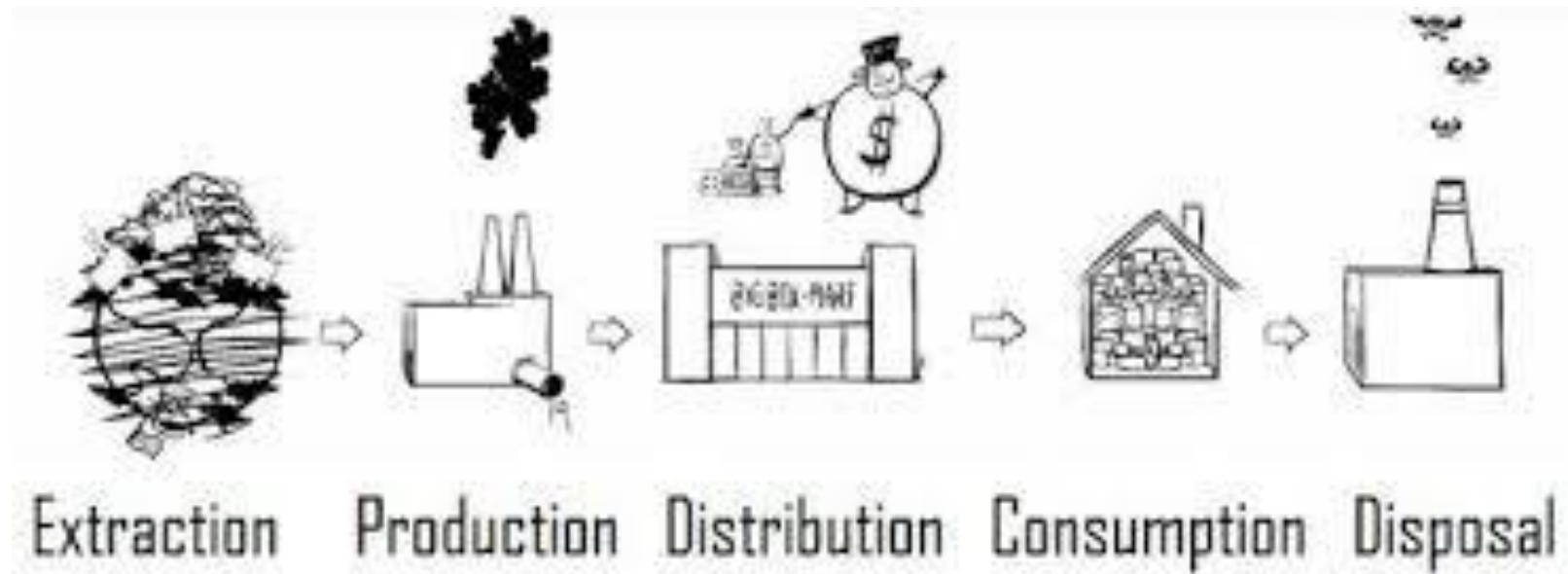
ZWE engages at two levels:

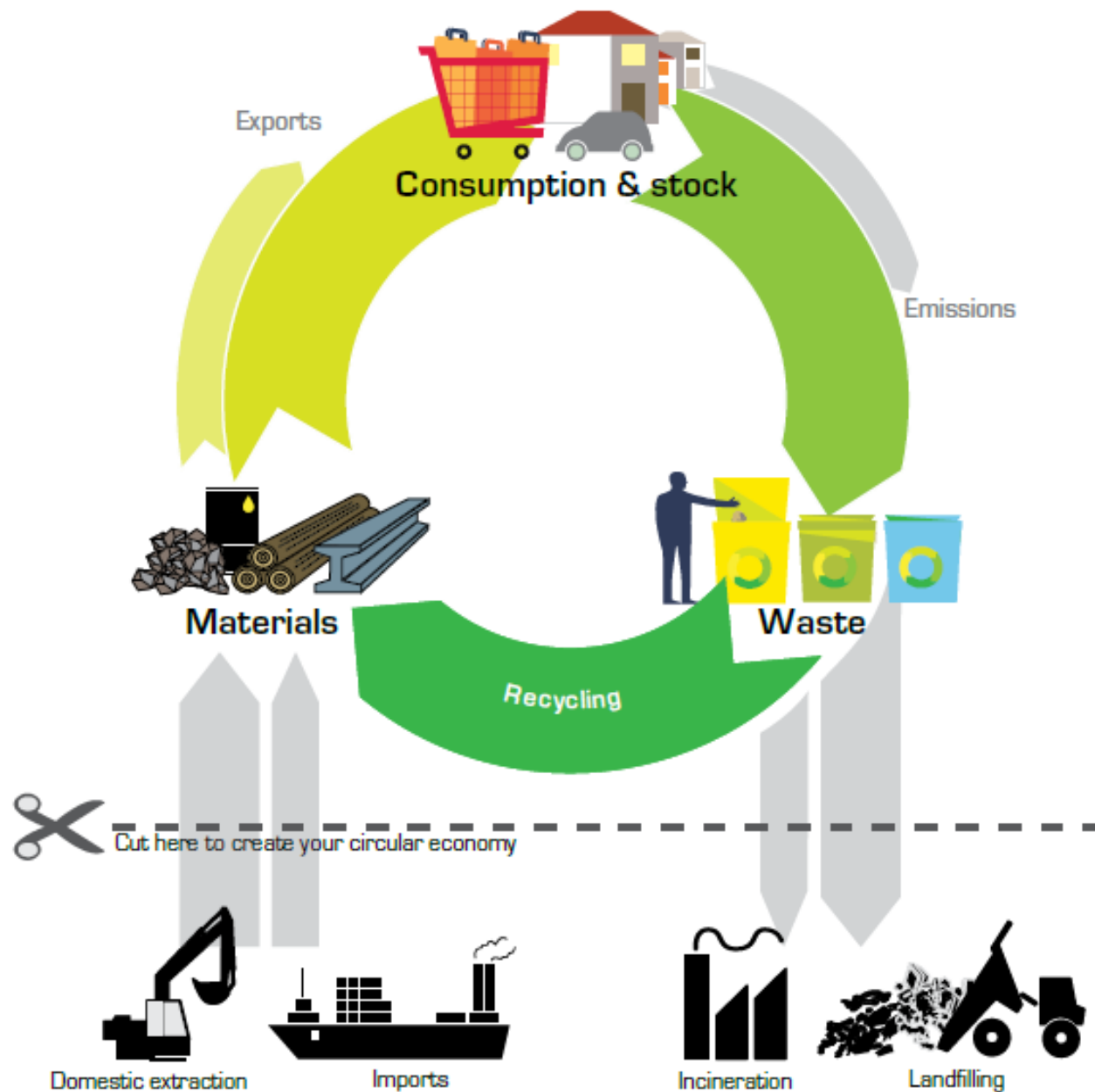
- Supporting local groups with knowledge and tools to drive change,
- Structuring the movement internationally to represent the interests of our communities.

ZWE represents active communities in 18 countries.



Why Zero Waste?





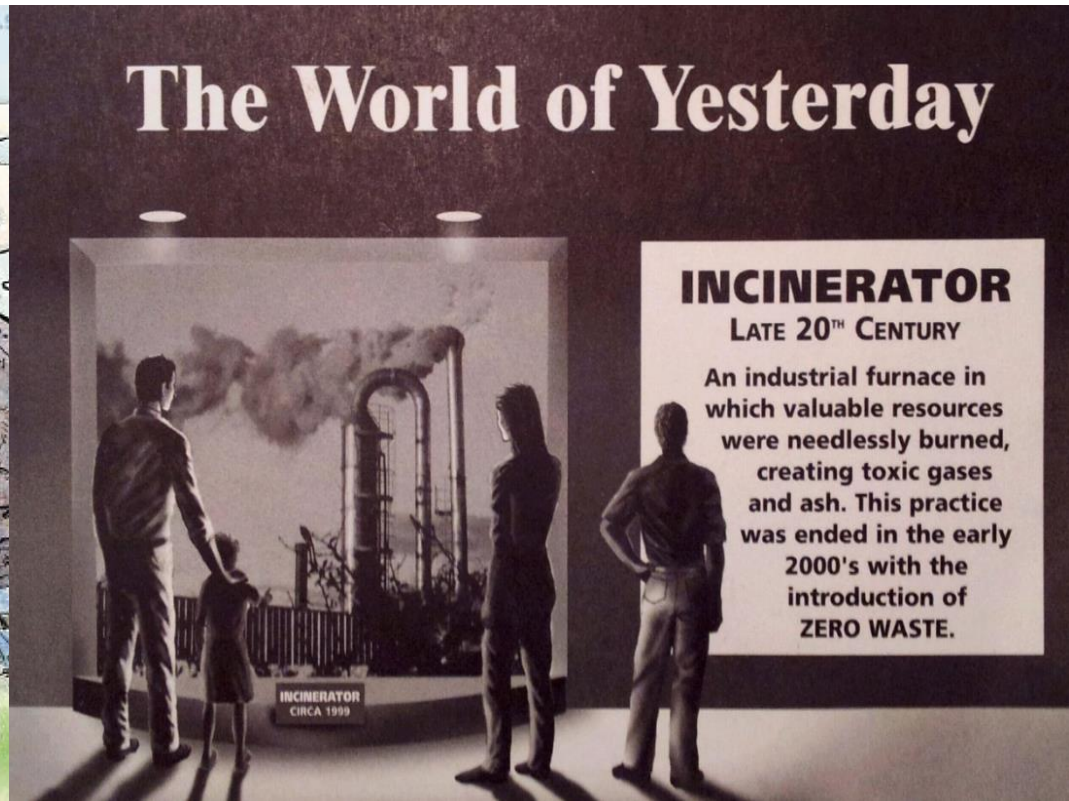
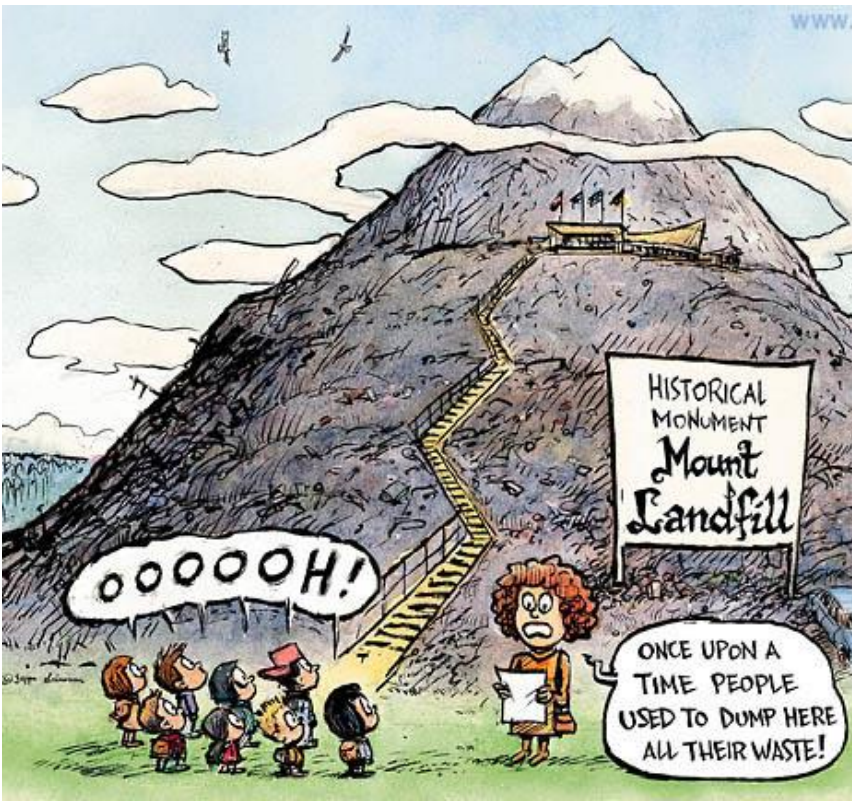
Source: European Environmental Agency (EEA)

zerowaste



NO BURN

NO BURY



New world, new context

20th CENTURY

WASTE MANAGEMENT

***“ How do we get rid
of our waste
efficiently with
minimum damage to
our health and the
environment ?”***

21st CENTURY

RESOURCE MANAGEMENT

***“ How do we handle our
resources in ways
which the value and
embodied energy are
preserved for future
generations?”***

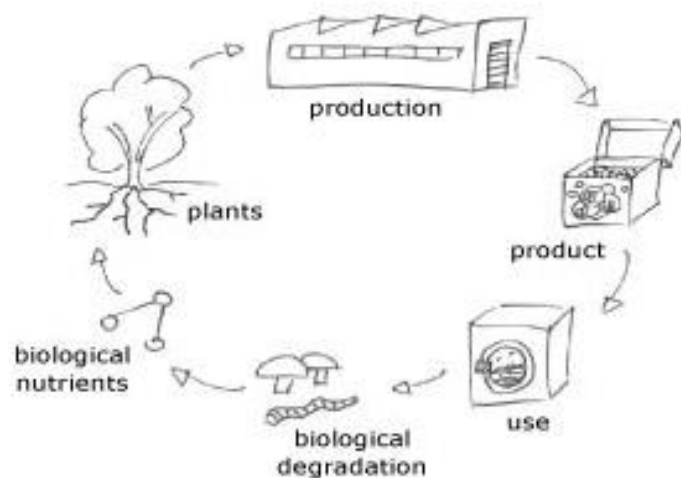
What is Zero Waste?

3

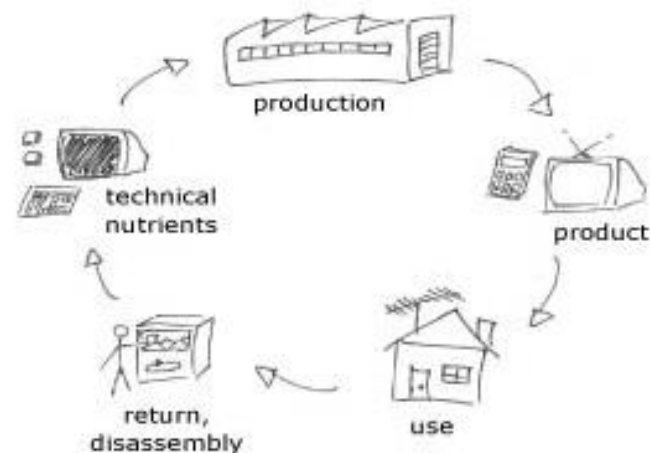
principles

1

Make waste visible to design it out of the system

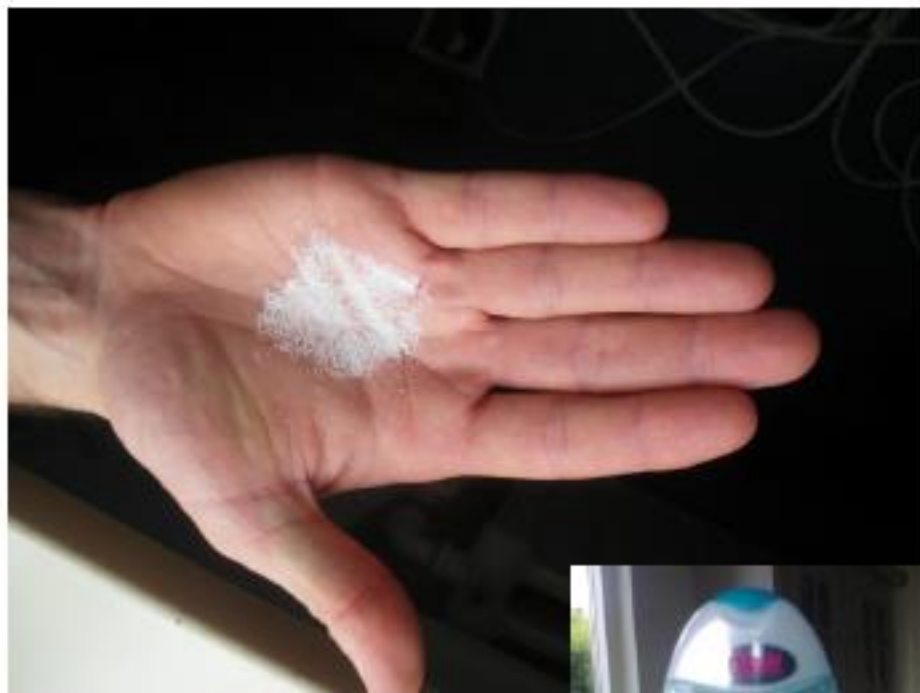


biological cycle
for Products for Consumption



technical cycle
for Products for Service

“If a product can’t be reused, repaired, refurbished, recycled or composted it it needs to be redesigned or taken out of the system”



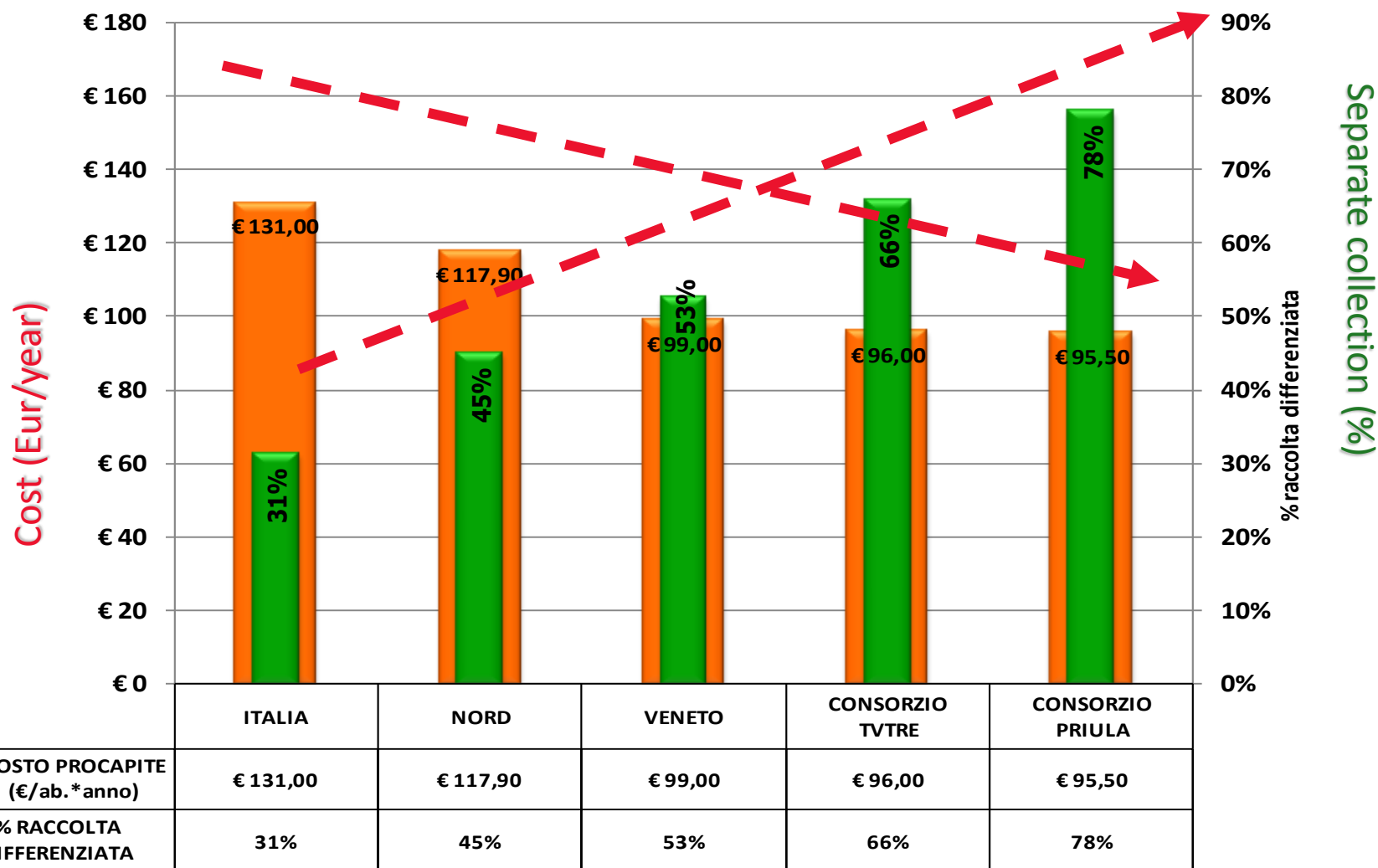
2

Excellent separate collection

No recyclables or compostables can end up in disposal facilities



Separate collection - more expensive?



Italia, Nord e Veneto: dati 2006 (fonte Rapporto Rifiuti 2007 APAT - ONR)
 Consorzio Priula e Consorzio TvTre: costi dati 2008 - % RD stima anno 2008

3

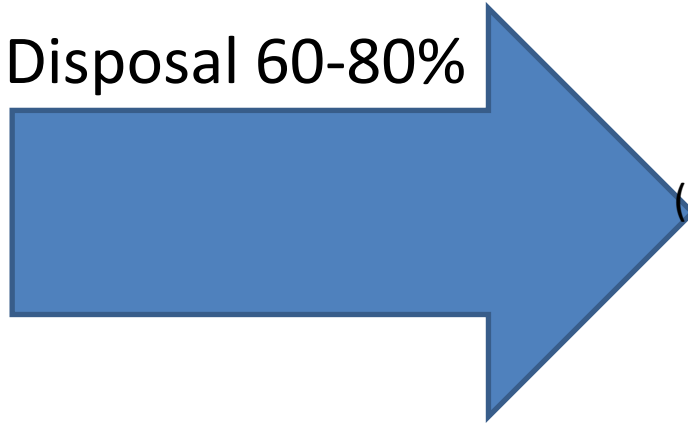
Stop superfluous waste =>
reduce resource & product use





TRADITIONAL WASTE MANAGEMENT in EU27

Disposal 60-80%



Landfill

Incineration
(WtE, gasification,
pyrolysis...)

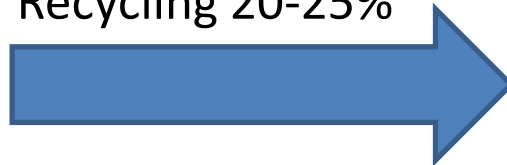
Co-incineration
(Cement kilns,
biomass plants...)



Reuse 5%



Recycling 20-25%



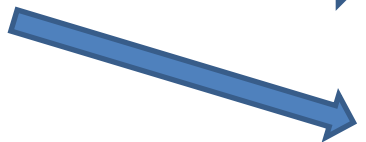
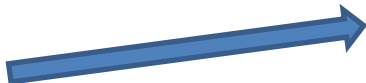
Composting 5-10%



ZERO WASTE SCENARIO – RESOURCE EFFICIENT EU



Residual <10%



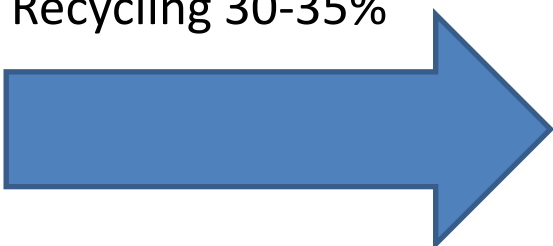
Prevention 10-20%



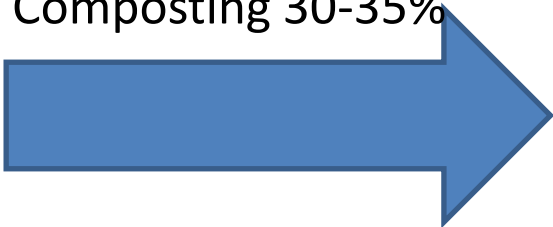
Repair & Reuse 10%



Recycling 30-35%



Composting 30-35%



Ljubljana (Slovenia) – 1st EU capital to declare ZW in Europe



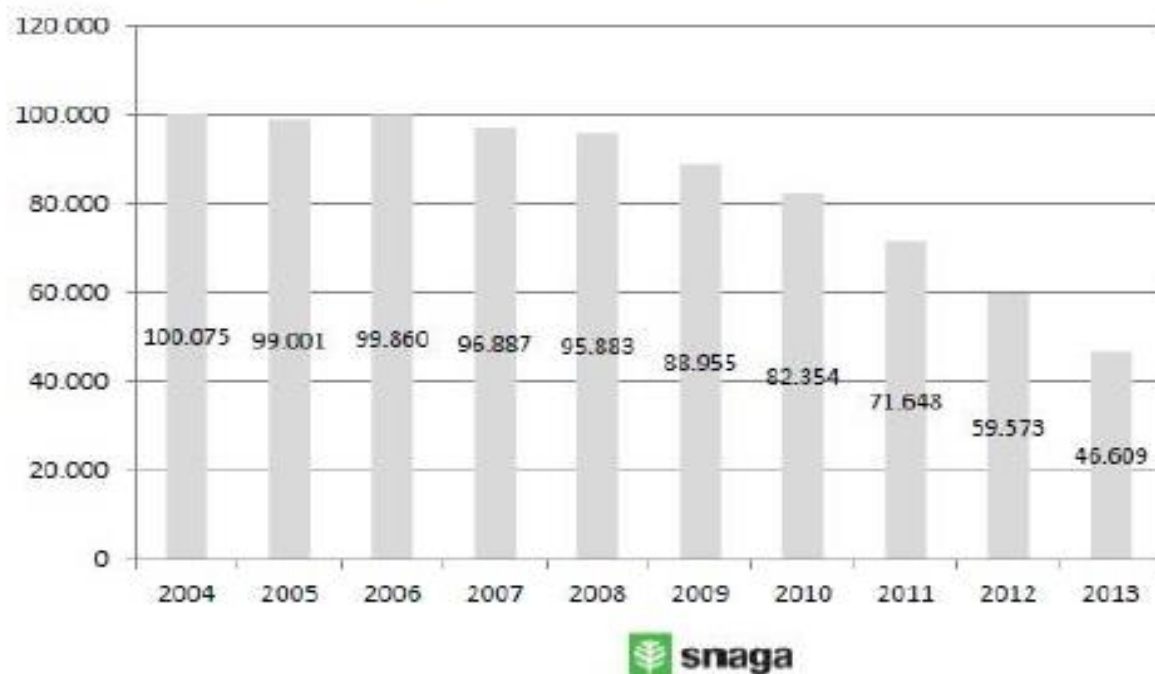
Ljubljana – separate collection results

QUANTITIES OF SEPARATELY COLLECTED FRACTIONS

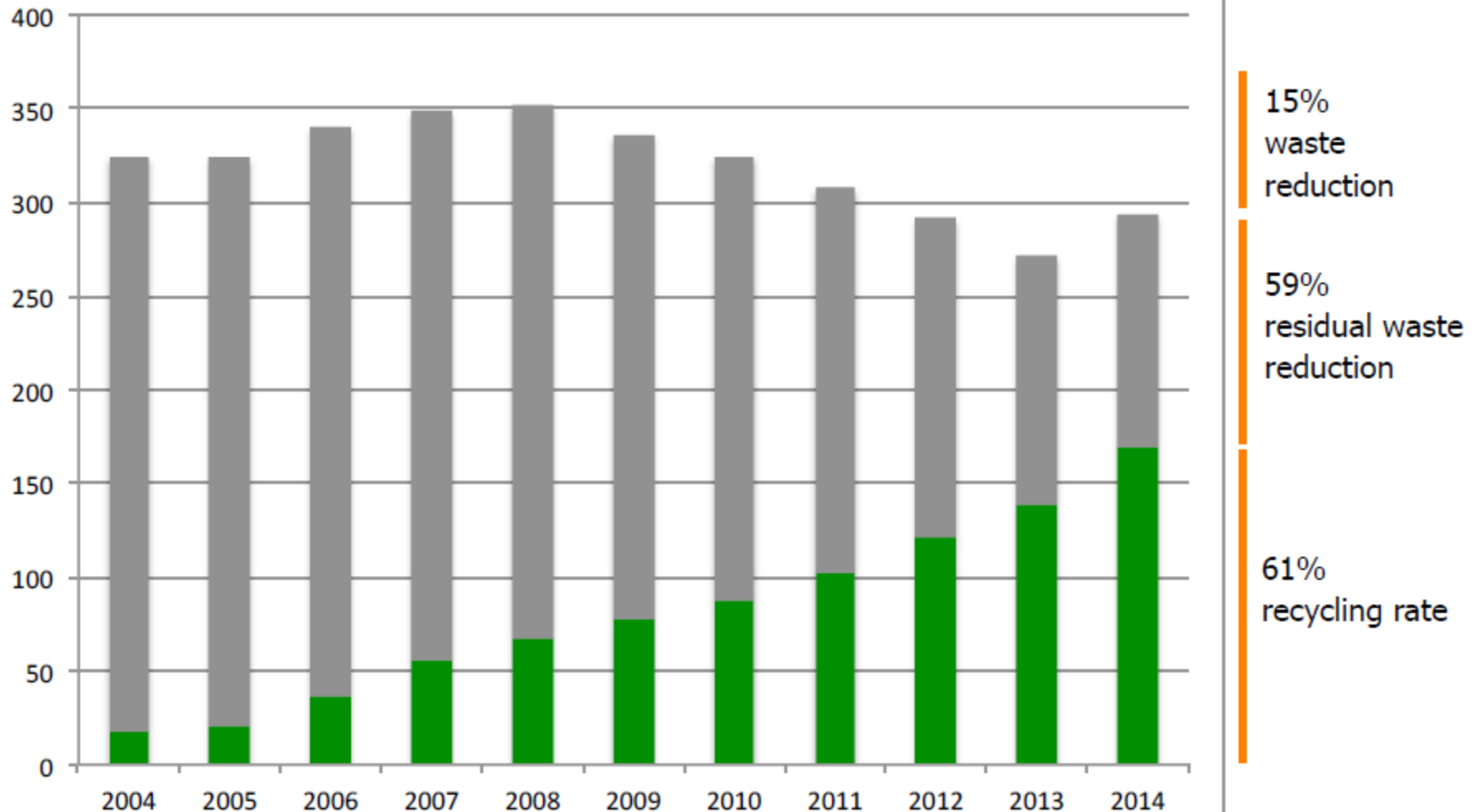


Ljubljana – results

QUANTITIES OF RESIDUAL WASTE COLLECTED



Increase of separate collection and decrease of residuals 2004-2014 (kg/person/year)



www.zerowastecities.eu

Network of European Zero Waste Municipalities

English ▾

What defines a "Zero Waste Municipality" is the firm and verifiable commitment to move towards Zero Waste and the results that it delivers.

Zero Waste Europe brings together and represents the European municipalities that have openly committed to the goal of continuously reducing waste generation and improving waste separate collection and hence redesigning the relationship between people and waste.



[Download](#) a list of all Zero Waste municipalities.

Browse data from Zero Waste municipalities:

Search for..

Go!

All countries ▾

All cities ▾



Municipalities following the Zero Waste Roadmap



www.zerowastecities.eu

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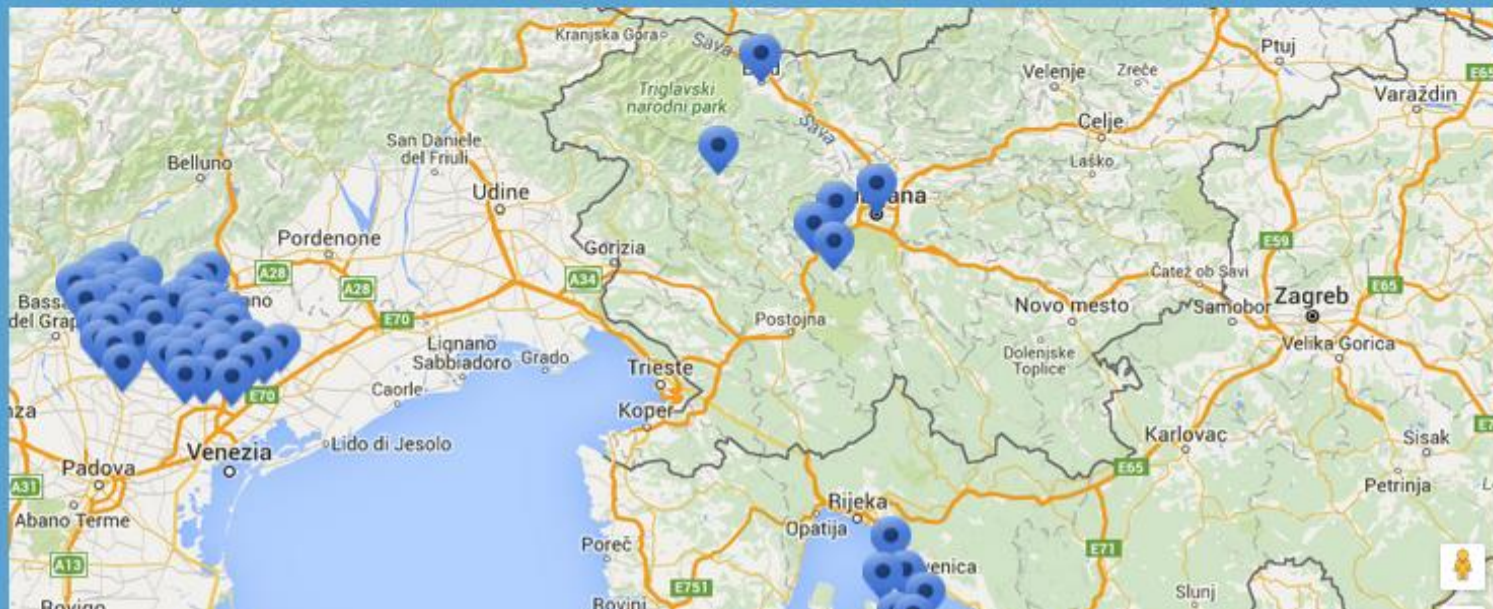
Go!

All countries ▾

All cities ▾



Municipalities following the Zero Waste Roadmap



Ljubljana, Slovenia

It accounts for Ljubljana and 9 other suburban municipalities, in all of which Snaga is the company managing municipal waste.

SHARE YOUR BENCHMARK:   

BENCHMARK THIS DATA AGAINST OTHER EUROPEAN CITIES 

Commitment to work towards Zero Waste:

Yes

Joined ZW strategy:

2014

Municipal Solid Waste generation:

2010	325 Kg per Capita
2014	283 Kg per Capita
2025	280 Kg per Capita

European average 2013: 481 Kg per Capita

Separate collection of organic waste:

Yes

Type of separate collection:

Door to door:
biowaste and
residuals,
packaging(plastic
and metal),
paper;
Roadside: glass

Separate collection rate :

2010	27 %
2014	61 %
2025	78 %

European average 2013: 41%

Pay-as-you-throw?

No

Residual waste per capita per year:

110
kg

What fractions are collected:

biowaste, packaging (plastic, metal), glass, paper, residuals; in collection centers: hazardous waste, metals, plastic, waste electronic and electric equipment, garden waste, construction waste, car tires, wood and wooden products, bulky waste, clothes and textiles.

Notes:

<http://www.ljubljana.si/si/mol/>; email: glavna.pisarna@ljubljana.si; tel: +386 (0)1 306 10 00;

SHARE YOUR BENCHMARK:   

BENCHMARK THIS DATA AGAINST OTHER EUROPEAN CITIES 

comparetool.zerowasteurope.eu

Network of European Zero Waste Municipalities

English ▾

What defines a "Zero Waste Municipality" is the firm and verifiable commitment to move towards Zero Waste and the results that it will deliver in the next years.

Zero Waste Europe brings together and represents the European municipalities that have openly committed to the goal of continuously reducing waste generation and improving waste separate collection and hence redesigning the relationship between people and waste.



Download a list of all Zero Waste municipalities.



Municipalities following the Zero Waste Roadmap



Municipalities not following the Zero Waste Roadmap

Compare data from european municipalities:

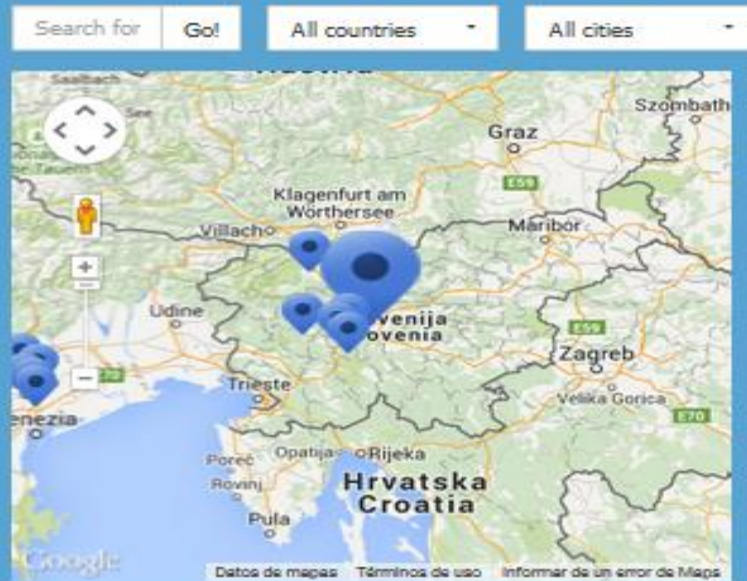
EXPORT BENCHMARK AS PDF:



SHARE YOUR BENCHMARK:

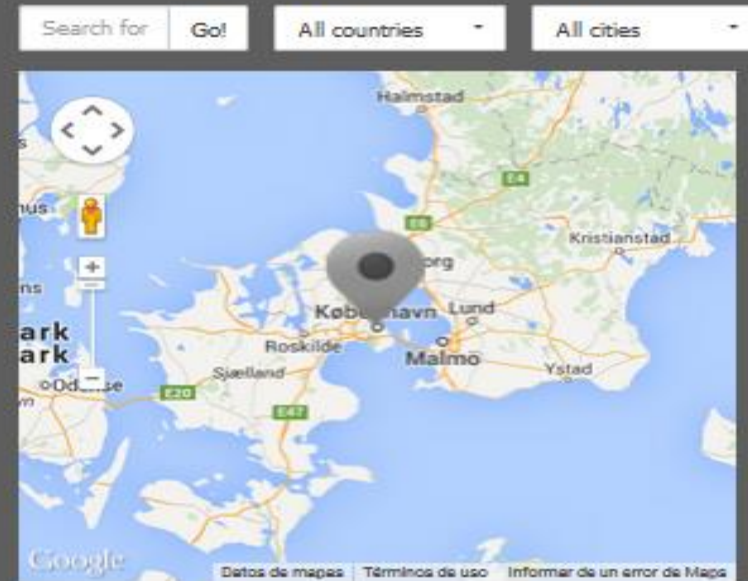


GET STARTED WITH ZERO WASTE >



Ljubljana, Slovenia

It accounts for Ljubljana and 9 other suburban municipalities, in all of which Snaga is the company



Copenhagen, Denmark

comparetool.zerowasteurope.eu

Ljubljana, Slovenia

It accounts for Ljubljana and 9 other suburban municipalities, in all of which Snaga is the company managing municipal waste.

Commitment to work towards Zero Waste: Yes

Municipal Solid Waste generation:

2010	325 Kg per Capita
2014	283 Kg per Capita
2025	280 Kg per Capita

European average 2013: 481 Kg per Capita

Separate collection rate :

2010	27 %
2014	61 %
2025	78 %

European average 2013: 41%

Residual waste per capita per year: 110 kg

Joined ZW strategy: 2014

Separate collection of organic waste: Yes

Type of separate collection:

Door to door:
biowaste and
residuals,
packaging(plastic
and metal),
paper;
Roadside: glass

Pay-as-you-throw? No

Copenhagen, Denmark

Commitment to work towards Zero Waste: No

Municipal Solid Waste generation:

	Kg per Capita
2012	425.51 Kg per Capita
	Kg per Capita

European average 2013: 481 Kg per Capita

Separate collection rate :

	%
2012	32.99 %
	%

European average 2013: 41%

Residual waste per capita per year: 289 kg

Joined ZW strategy:

Separate collection of organic waste: No

Type of separate collection: door-to-door

Pay-as-you-throw? Yes

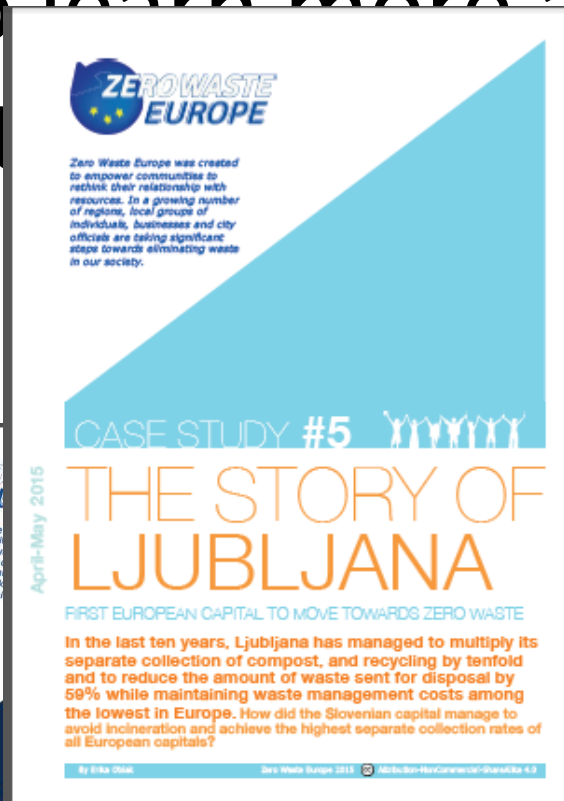
What fractions are collected:
packaging, glass, paper/cardboard and mixed waste

Notes:



How to become a ZW municipality?

Want to learn more about ZW municipalities case studies



Download them here: <http://www.zerowasteurope.eu/case-studies/>

WHY ZERO WASTE?

- 1) It provides a durable solution that is faster, cheaper and more flexible to implement,
- 2) Keeps most of the money spent on the system in the local area, creating jobs and small business opportunities
- 3) Integrates higher education into solution
- 4) It is better for the local economy & better for the planet

Message: Yes we can!



Thank you!



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