



CirBioWaste

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“CirBioWaste”

*Fostering innovative and sustainable bio-waste
management and circular bio-economy in the
Mediterranean area*

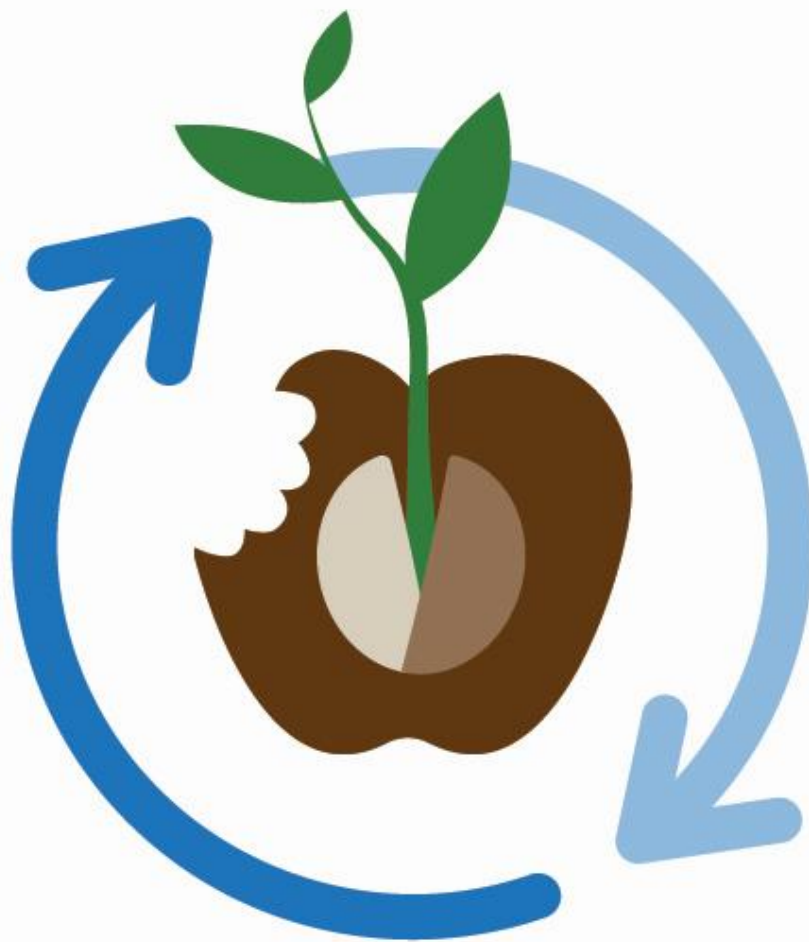
Educational presentation for schools/students

UAB
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zero.





**Compost
Today
Harvest
Tomorrow!**



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What is bio-waste?

Bio-Waste is:



Food and Kitchen Waste from households, offices, restaurants, wholesale, canteens, caterers and retail premises and comparable waste from food processing plants.



Garden and Park Waste



**Bio-waste
is also called
organic waste**

These break down naturally and become useful again!



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Food and kitchen waste



Food scraps and leftovers



Fruit and vegetable peels



Tea, coffee grounds and filters



Bread, rice, pasta and cereals



Egg shells



Compostable materials (such as plates, cutlery...)



Used paper towels, napkins



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Garden and park waste



Leaves, grass



Small branches and pruning waste



Wilted flowers and plant trimmings



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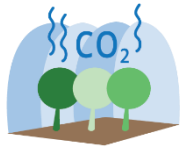
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The problem

When bio-waste ends up in landfills, it leads to:



Environmental pollution



Greenhouse gas emissions that contribute to climate change



Loss of valuable resources



Higher waste management costs

We can do better!

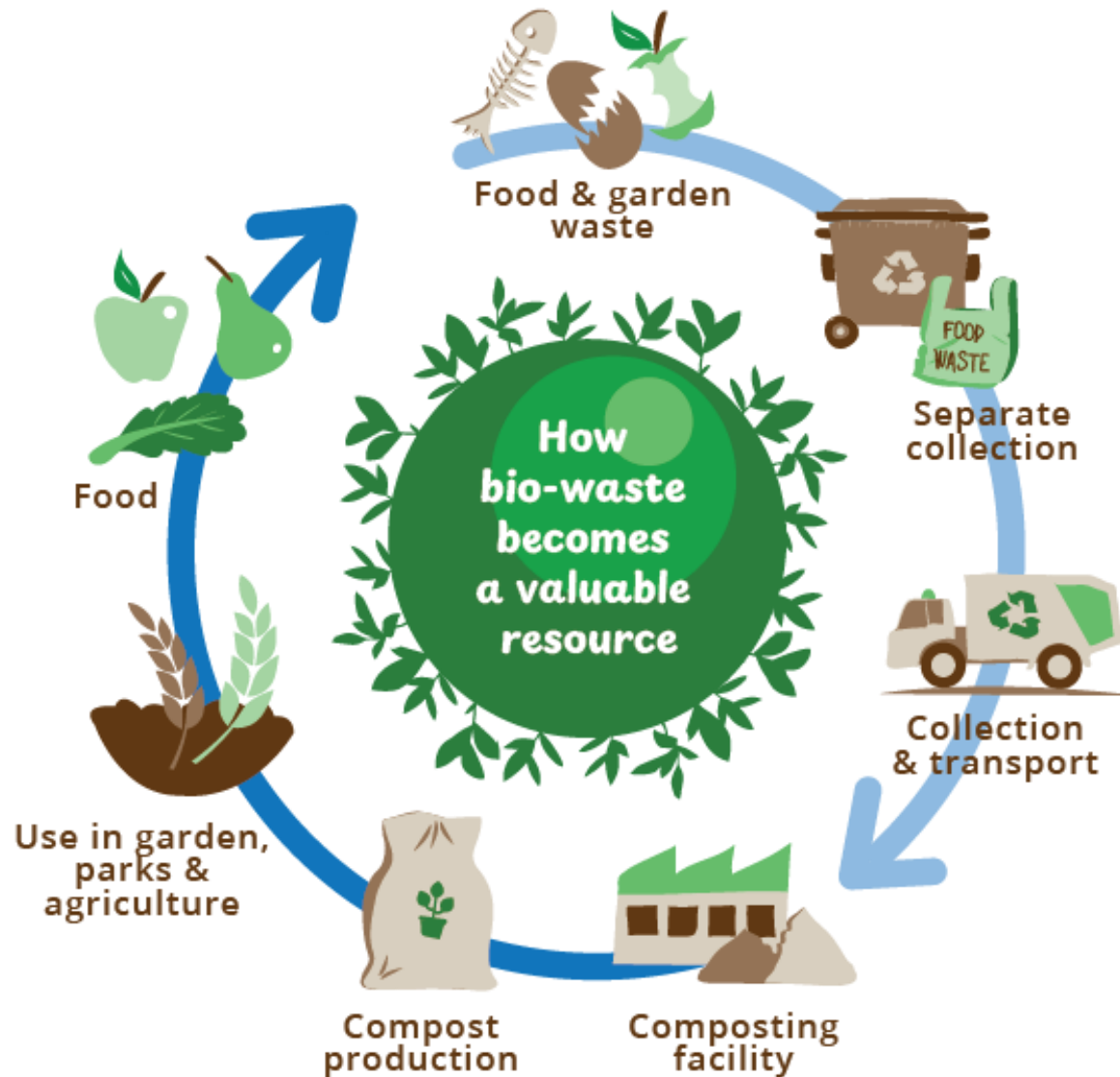


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Why does Bio-Waste matter?



Closing the loop:
from food waste to
fertile soil-
the bio-waste journey



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The journey of an apple core

From Snack to Soil

1. Eat the apple
2. Put the core in the bio-waste bin
3. Compost is created
4. Compost is used as fertilizer to help new plants grow



The natural cycle is amazing!



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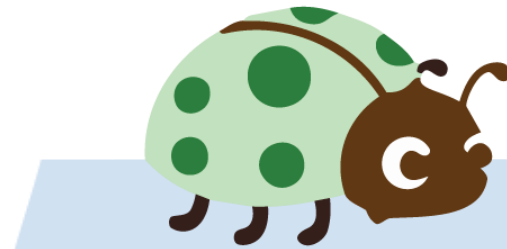


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Nature's little helpers

Tiny living things help break down bio-waste:

- ✓ **Worms**
- ✓ **Bugs**
- ✓ **Bacteria**
- ✓ **Fungi**



Did You Know?

**A banana peel can
become compost in just
a few weeks!**

Nature wastes nothing!

They turn old food into rich soil for plants!



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Separate your bio-waste at home

What goes in the separately collected bio-waste bin?



YES

-  ✓ Fruit and vegetable peels
-  ✓ Tea, coffee grounds and filters
-  ✓ Food leftovers
-  ✓ Seafood bones and shells
-  ✓ Animal bones
-  ✓ Baked goods
-  ✓ Egg shells
-  ✓ Dairy products
-  ✓ Used paper towels, napkins...
-  ✓ Small amounts of plant parts and wilted flowers
-  ✓ Compostable materials (such as plates, cutlery...)



NO

-  ✗ Plastic
-  ✗ Glass
-  ✗ Metals and cans
-  ✗ Liquids
-  ✗ Disposable diapers
-  ✗ Animal excrements & small pet litter
-  ✗ Ashes
-  ✗ Soil and sand
-  ✗ Textiles and leather
-  ✗ Treated wood
-  ✗ Bricks, cement & building materials



Use a dedicated container with/or a compostable bag for your bio-waste!



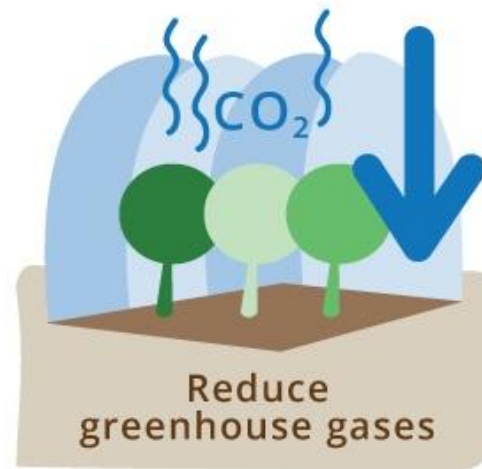
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Why separating bio-waste matters



**Small steps make
a big difference!**



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About Food Waste

- In the European Union, over 58 million tons of food waste (129 kg/inhabitant) are generated annually.
- At the same time, almost 42 million people cannot afford a quality meal every second day...
- Globally, approximately a third of all food produced for human consumption is lost or wasted!



Food waste accounts for 8-10% of annual global greenhouse gas emissions!



In the Mediterranean region, only about 23% of food waste is recycled!



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Reduce Food Waste



Plan your meals



Store food properly



Use leftovers creatively



Learn what “best before” and “use by” labels mean



Compost at home (if possible)



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Bio-waste: what can schools and students do?

Schools can:



Separate organics and place in bio-waste bins



Create school gardens using compost



Reduce food waste in canteens/restaurants



Educational activities



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Bio-waste: easy things students can do

At home or school:



Finish your meals



Separate bio-waste from regular trash



Use reusable bottles and lunch boxes



Start a small compost project



Teach friends and family about recycling bio-waste

Be a Compost Hero every day!



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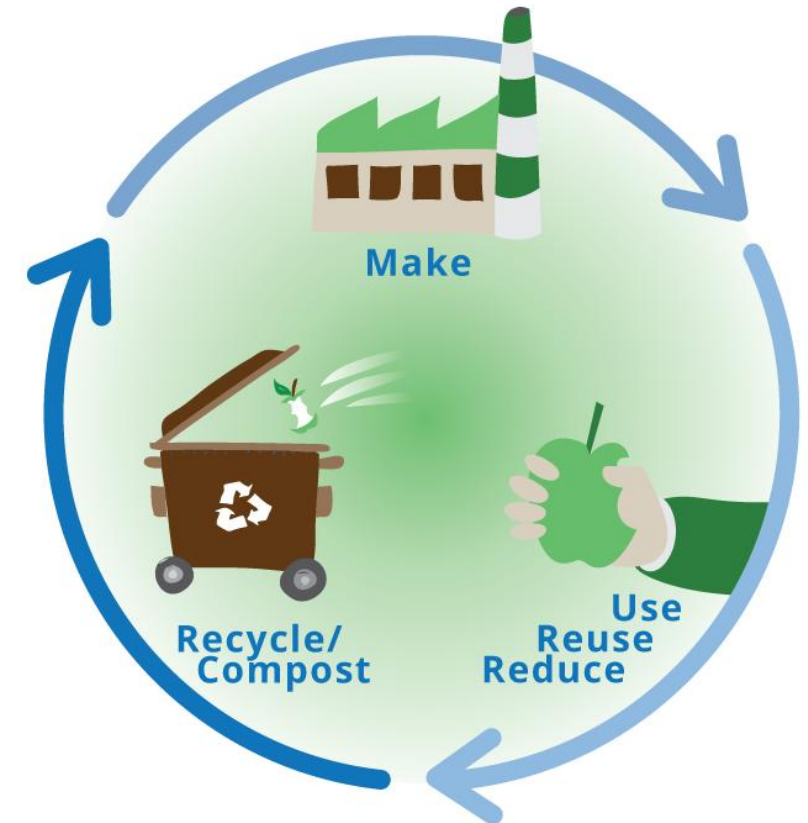
What is circular economy?

Circular economy is a new way of thinking about how we try to use resources in a way that does not harm the environment!

Old model



Circular Economy



...so things keep being useful



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About the CirBioWaste Project

The CirBioWaste project is a two-year European project that helps protect the environment and supports a greener future in Mediterranean countries.

CirBioWaste works with cities, schools, and local communities to:



Improve the separate collection of bio-waste (food and garden waste)



Teach people how to reduce bio-waste and compost correctly



Encourages composting at home and in communities



Turn bio-waste into natural fertilizers for the soil



Reduce pollution and protect nature



Reduce greenhouse gases and mitigate climate change



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About the CirBioWaste project

CirBioWaste project includes partners from countries like **Spain, Italy, Portugal, Greece, and Bulgaria**, all working together for a cleaner and greener future.

Many regions, cities, schools, and research centers also support the project and help spread sustainable ideas across Europe.

Think before you waste your bio-waste!

Together We Can Protect Our Planet!



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Thank you!

<https://cirbiowaste.interreg-euro-med.eu>

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This project has received funding from the European Union's Euro-MED Interreg Programme (Euro-MED0401208). Views and opinions expressed are however those of the CirBioWaste project only and do not necessarily reflect those of the European Union or the Interreg Programme. Neither the European Union nor the granting authority can be held responsible for them.