

An aerial photograph of a large waste dumpsite, showing a vast expanse of brown earth covered with a dense layer of colorful plastic waste, including fragments of bottles, bags, and other debris. The colors of the trash are scattered across the landscape, creating a mottled appearance. In the center of the image, the words "WASTE2VALUE" are written in a large, bold, black, sans-serif font. The text is semi-transparent, allowing the underlying waste to be visible through the letters. The overall scene conveys a message of environmental waste management and recycling.

WASTE2VALUE

In the EU, 2.1 billion tonnes of waste are produced annually.

The EU has set high goals for landfills and recycling, and it is tackling packaging waste to **lessen waste and its negative effects on the environment.**

The goal is to promote the shift towards **more sustainable value chains**, from the primary sector to the market, for a circular economy.

2.1
BILLION TONNES
OF WASTE



The 2023 Circularity Gap Report highlights that the global economy is **only 7.2% circular.**

The Waste2Value Alliance aims to advance the valorisation of various waste streams into **valuable bio-products**, such as bio-plastics and bio-based fertilizers and ingredients, by focusing on **circular and sustainable business models, and resource efficiency.**

To address waste and its environmental impact, the Waste2Value cluster aims to implement the following initiatives:

- **Ellipse** will optimise biowaste treatment to efficiently produce VFAs as precursors for PHA biopolymers, alongside developing biodegradable biomaterials suitable for innovative fertiliser and packaging products.

- **Brilian** will create a comprehensive toolkit encompassing organisational, logistical and sustainability aspects, focusing on the circular use of by-products and industrial scale-up of valorisation processes developed for 10 value chains.

- **MixMatters** will design and showcase an Integrated system that effectively separates and valorises mixed bio-waste streams within the agri-food sector, generating a diverse array of high-value bio-products.



JOIN US TO REVOLUTIONISE WASTE VALORISATION!

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