ToNoWaste

Practice abstract

#13 – OCTOBER 2023

ToNoWaste project relies on high-tech solutions to reduce food waste across the supply chain.

ZENITHWINGS (ZEN)

The food waste impact assessment is extremely complex, not only due to the lack of open access data but also to the absence of a standard methodology for the overall evaluation in real food systems.

This problem especially affects the engagement of private entities that need to evaluate the profitability and sustainability of large-scale **food waste prevention and reduction** (FWPR) solutions to act.

Nowadays the consequences are around 88 million tonnes of food wasted annually along the EU food supply chain, from primary production up to consumption, with associated costs estimated at 143 billion euros. In addition, the environmental impact associated is also huge: during 2010–2016, the global food loss and waste equalled 8–10% of total anthropogenic GHG emissions and cost about 1 trillion USD/year and 30% of agricultural land waste its crops.

But the situation is perhaps even worse, with statistics indicating that 70% of all human food lost or wasted might not be registered because it is originated in primary production or used as animal feed.

It is mandatory to provide and develop high-tech solutions that put in place the project's objectives.

Those solutions will improve the capability of providing relevant insights to specific stakeholders and sharing knowledge between entities.

Moreover, by using high-tech solutions, ToNoWaste will be able to provide real-time information to improve decision-making across the supply chain.

@ToNoWaste www.linkedin.com/company/tonowaste www.tonowaste.eu tonowaste@uji.es

ToNoWaste Funded by the European Union

Funded by the European Union under contract 101059849. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency (REA). Neither the European Union nor REA can be held responsible for them.