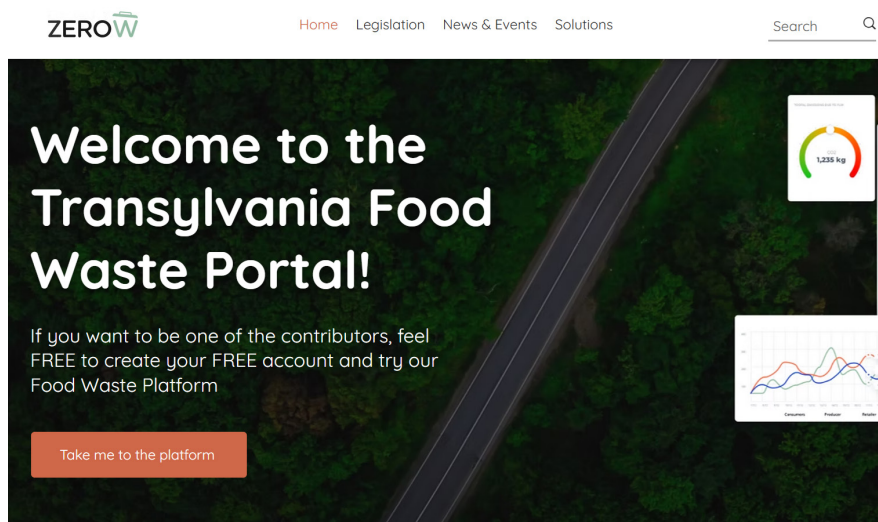


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From data to action: A Living Lab approach to food loss and waste reduction applied cross-regionally in Slovenia and Romania

SILL1 pilots a systemic, IT-based solution for Food Loss and Waste (FLW) data collection, monitoring and assessment across the food supply chain to support evidence-based decision-making and alignment with EU directives (Delegated Decision 2019/1597; SDGs 12.3.1). The pilot is implemented in Slovenia's Pomurje region and Romania's Cluj-Napoca metropolitan area.

At the core of our approach is an open FLW platform, co-created with local stakeholders to enable the integration of data from farmers, processors, retailers, consumers, and public institutions. The platform supports hotspot detection, trend forecasting, and visual reporting, while promoting transparency and collaboration across sectors.

Designed for scalability and interoperability, the platform is tailored to regional needs and can be embedded in existing Digital Innovation Hubs and Living Labs. It fosters a culture of data sharing and collective problem-solving by connecting sustainability efforts across the value chain.

Our experience demonstrated that collaborative, data-driven tools, backed by iterative co-creation and policy integration, can turn fragmented FLW data into actionable insights, laying the groundwork for system change in both urban and rural food systems ■