

# WASTELESS PRACTICE ABSTRACT

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## Consumer accessibility test for the WASTELESS Electronic registry supported by a blockchain system



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WASTELESS - Waste Quantification Solutions to Limit Environmental Stress



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## PRACTICE ABSTRACT

Large amounts of food are wasted every year, and reducing it requires comparable measurement; WASTELESS developed simple tools to record food loss and waste in different supply chains.

In Spain, consumers tested access to a transparency system where company food waste information is recorded through a standardised survey and stored in a traceable, verifiable digital registry.

The objective was not to measure household waste, but to check whether ordinary consumers can access, verify and understand the registered information and whether they find it useful and credible. Survey data were collected, including a small access pilot with 12 participants. A notable share of users could not complete verification of the information, and many found the process impractical. The information format also mattered: PDF outputs were difficult to understand, even though participants liked the idea of transparency.

For practitioners who want to communicate waste and surplus performance to customers, the main lesson is to design for non-experts. Simplify the verification steps, ensure QR/code access works reliably, and replace technical PDFs with short plain-language summaries and visual dashboards that explain what the numbers mean. Use clear definitions and context (time - period, product scope, destination routes) so the data builds trust rather than confusion. Test the user journey with diverse profiles before scaling, because small usability issues can stop people from engaging at all.

## RESOURCES

Title/Description: WASTELESS Electronic registry supported by a blockchain system  
URL: <https://wastelesseu.com/tools/wasteless-open-access-blockchain/>

## ADDITIONAL INFORMATION

The WASTELESS Electronic registry supported by a blockchain system was developed by WIISE Srl (Workable Ideas and Initiatives for a Sustainable Economy).  
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