



Poster title: Reducing waste through automated food waste measurement tools in European HORECA facilities

Authors: Paula Gerwin (paula.gerwin@fh-muenster.de), Christina Strotmann (christina.strotmann@fh-muenster.de), Evangelia Sigala (evang.sigala@hua.gr), Christina Chroni (chroni@hua.gr), Kostas Abeliotis (kabeli@hua.gr), Katia Lasaridi (klasaridi@hua.gr), Naomi MacKenzie (naomi.mackenzie@kitro.ch)

References

Ciccullo, Federica; Fabbri, Margherita; Abdelkafi, Nizar; Pero, Margherita (2022): Exploring the potential of business models for sustainability and big data for food waste reduction. In *Journal of Cleaner Production* 340, p. 130673. DOI: 10.1016/j.jclepro.2022.130673.

Eurostat (Ed.) (2024): Food waste and food waste prevention. estimates. Available online at https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Food_waste_and_food_waste_prevention_-_estimates#Amounts_of_food_waste_at_EU_level, updated on 7/19/2024, checked on 9/11/2024.

Juvan, Emil; Grün, Bettina; Dolnicar, Sara (2018): Biting Off More Than They Can Chew: Food Waste at Hotel Breakfast Buffets. In *Journal of Travel Research* 57 (2), pp. 232–242. DOI: 10.1177/0047287516688321.

Martin-Rios, Carlos; Demen-Meier, Christine; Gössling, Stefan; Cornuz, Clémence (2018): Food waste management innovations in the foodservice industry. In *Waste management (New York, N.Y.)* 79, pp. 196–206. DOI: 10.1016/j.wasman.2018.07.033.

Nu, Yu; Belavina, Elena; Girotra, Karan (2024): Using Artificial Intelligence To Reduce Food Waste. In *SSRN Journal*. DOI: 10.2139/ssrn.4826777.

Okumus, Bendegul; Taheri, Babak; Giritlioglu, Ibrahim; Gannon, Martin J. (2020): Tackling food waste in all-inclusive resort hotels. In *International Journal of Hospitality Management* 88, p. 102543. DOI: 10.1016/j.ijhm.2020.102543.

United Nations (2015): Transforming our world: the 2030 Agenda for Sustainable Development. In : A/RES/70/1. Available online at <https://documents.un.org/doc/undoc/gen/n15/291/89/pdf/n1529189.pdf?token=8QvTtgrU7acWH1YCBI&fe=true>, checked on 5/28/2024.

United Nations Environmental Programme UNEP (Ed.) (2021): Food Waste Index. Report 2021.