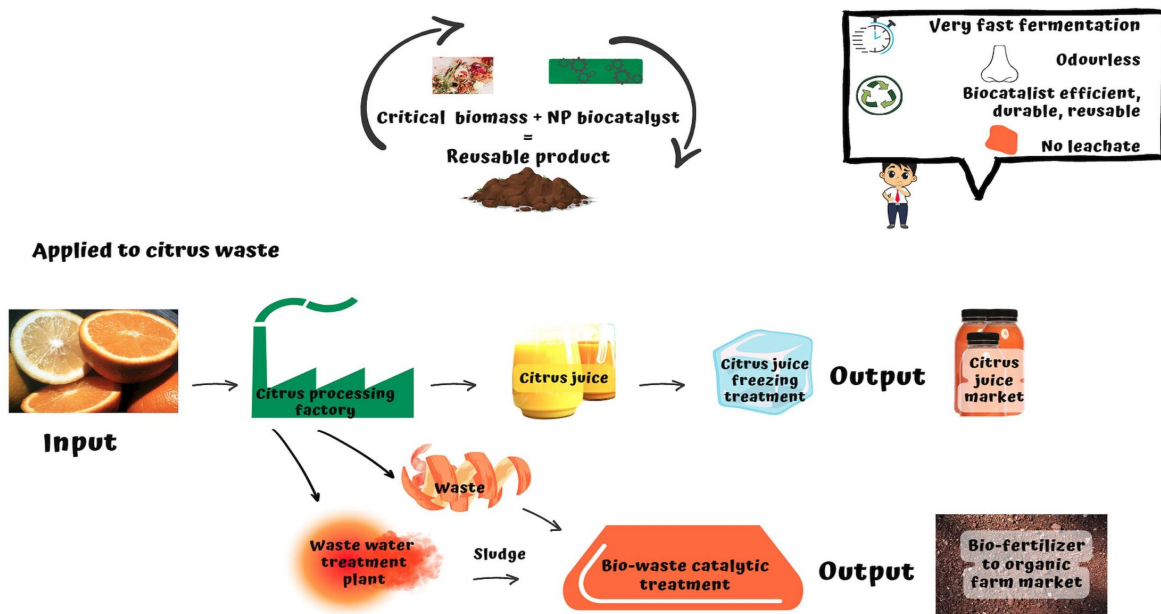


NP-Biotech process, a circular economy approach applied to citrus processing waste exploitation

NP-bioTech a catalyst based biotechnology for oxidative biostabilization of critical biomass waste



The article “NP-Biotech process, a circular economy approach applied to citrus processing waste exploitation” (JSFA, vol.105, Issue 7, p. 3776-3786), authored by F. Nardo, A. Piras, S. Bullitta, L. Ledda and F. Serralutzu, recently published on the Journal of the Science of Food and Agriculture by Wiley, describes the NP-Biotech, an innovative process, green, sustainable and alternative for the processing of problematic bio-waste, applied to citrus industrial processing waste, with considerable advancement compared to the state of the art. It can also be applied to other problematic bio-waste and it complies with strict environmental regulations, has no emissions of odours and pollutants and does not produce leachate. Such article can be of interest also because of its interdisciplinary approach. It provides the validation of the practical application of the industrial process output, achieved by means of an agronomic trial that supplies scientific data to verify impacts and the compliance with the circular economy model. It is the result of a scientific cooperation among ISPAAM (Serralutzu and Bullitta), the University of Sassari (A.Piras), University of Ancona (L. Ledda) and the private

company Antifemo s.r.l. (F. Nardo) holder of the NP-Biotech process patent.