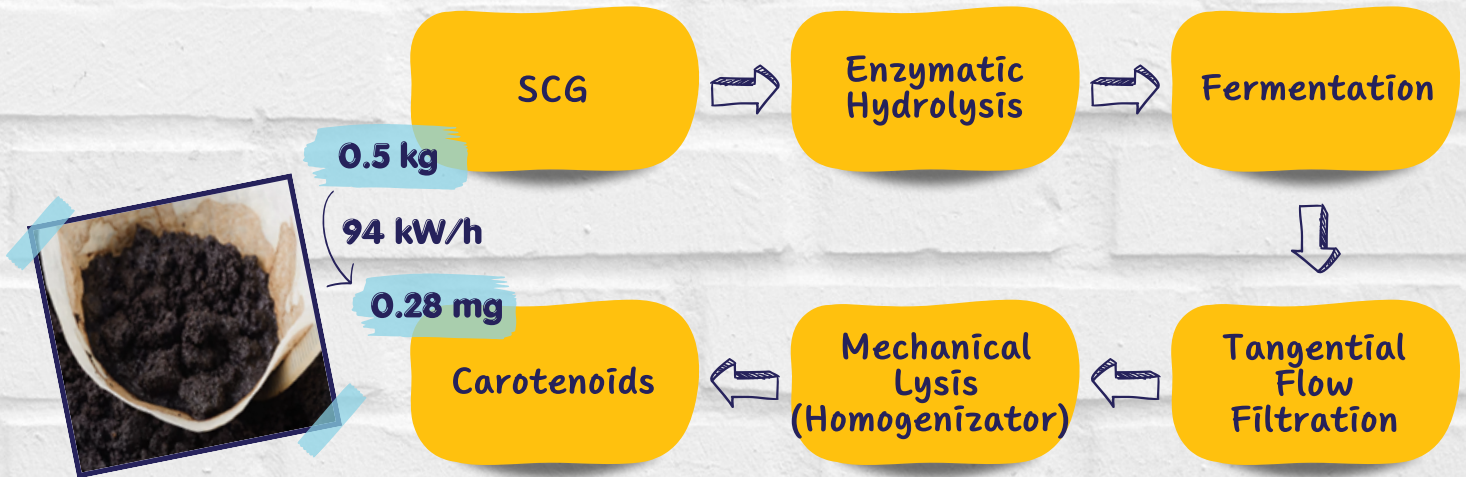




CAROTENOIDS EXTRACTION FROM SPENT COFFEE GROUNDS (SCG)

TURNING COFFEE WASTE INTO VALUABLE PRODUCTS



5 kg coffee per capita per year in EU
= 250K potential kg of carotenoids

THE PRODUCT

Carotenoids are high in antioxidant potential and can be added as natural antioxidant to feed/foodstuffs for increasing feed/food stability, or as functional feed ingredient to improve animal health and to reduce the dependency of antibiotics. The target markets for this kind of product are pharmaceutical and nutraceutical industries, food industry and cosmetics.



THE PROJECT

The EU funded WaysTUP! project aims to demonstrate the establishment of new value chains for urban biowaste utilisation to produce higher value purpose products through a multi-stakeholder approach in line with the circular economy.



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement no. 818308.

THE PLANS

Through new marketing channels (products will be branded by SAV) or through existing companies/organizations with established channels to sell products.



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SAV as a company has got lots of influence over the Mediterranean Spanish Region, as we are a company with over a 100-year history. We manage residues from long time ago, having different settlements for its treatment. Our main strength could be the access to the feedstock.



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THE PILOT

The Food and Feed pilot is located in SAV's facilities in Paiporta (Valencia). SAV has the most modern plant of sorting household waste in Valencia, as well as meat byproducts and SCG. The technology was developed in the frames of WaysTUP! pilots' activities.

