



Name: Decomer Technology

Country: Estonia

Incorporated: 2019

Fund: Katapult Seed Fund 1



Problem:

Convenience packaging causes huge environmental issues and the world urgently needs new packaging solutions. Water-soluble packaging could help reduce waste issues, but existing materials are based on petroleum, animal-based ingredients or unscalable plant-based feedstock which makes them unsustainable or expensive to produce.

Solution:

Decomer Technology is developing novel water-soluble, edible and plant-based packaging materials. Products to use such materials are pre-measured packages in food and home/personal care industries making the consumer experience more convenient and eco-friendly. We are developing water-soluble seasoning packages for noodles/ramen, blendable smoothie powder packs, plant-based detergent and dishwashing pods.

Impact:

"Our main environmental impact comes from using only plant-based, circular and degradable ingredients instead of commonly used petroleum-based ingredients. Our materials thus do not introduce "new" carbon to the carbon cycle and addresses waste issues, from the usage of food by-products to avoidance of microplastic waste."

Kelly Kangur

Co-founder, Decomer Technology

