

*Global Summit of Women
28th-30th October 2021*



GRACE

Responsible Business

Creating Growth and a
Carbon-Free Future: Waste to Wealth

Margarida Couto

President of GRACE on behalf of Vieira de Almeida & Associados

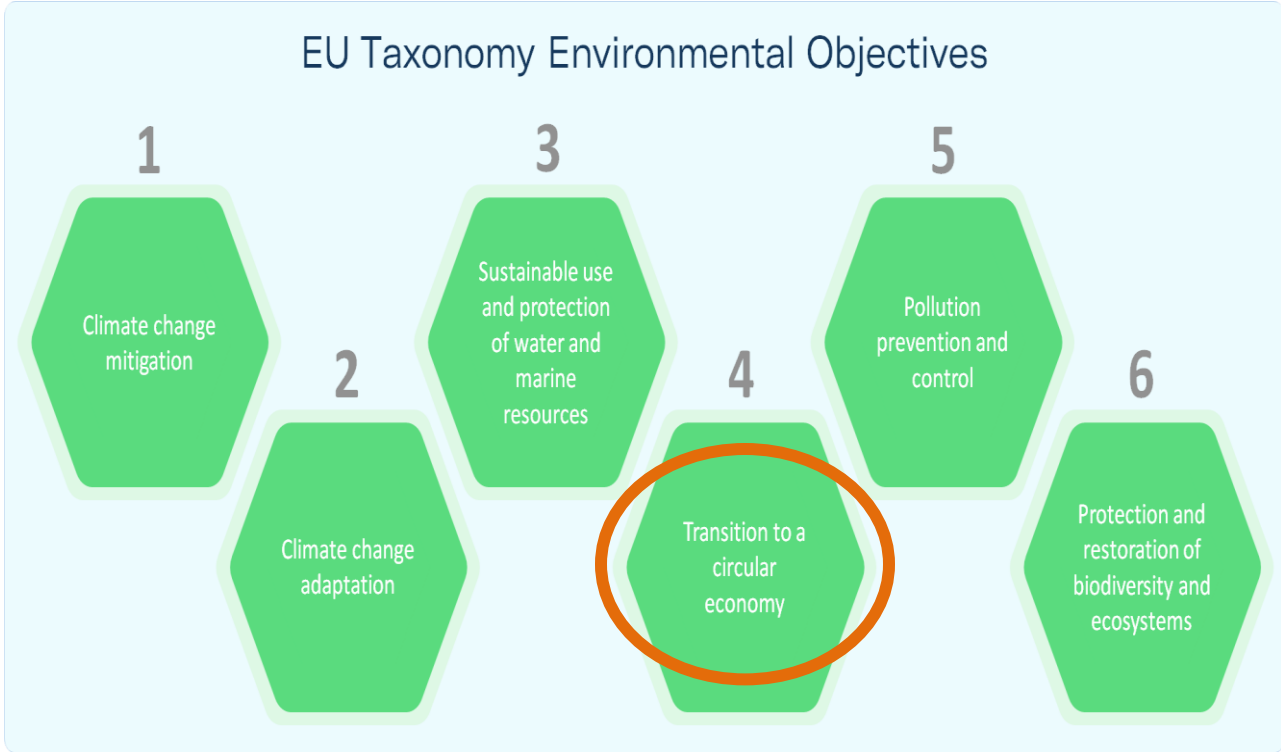
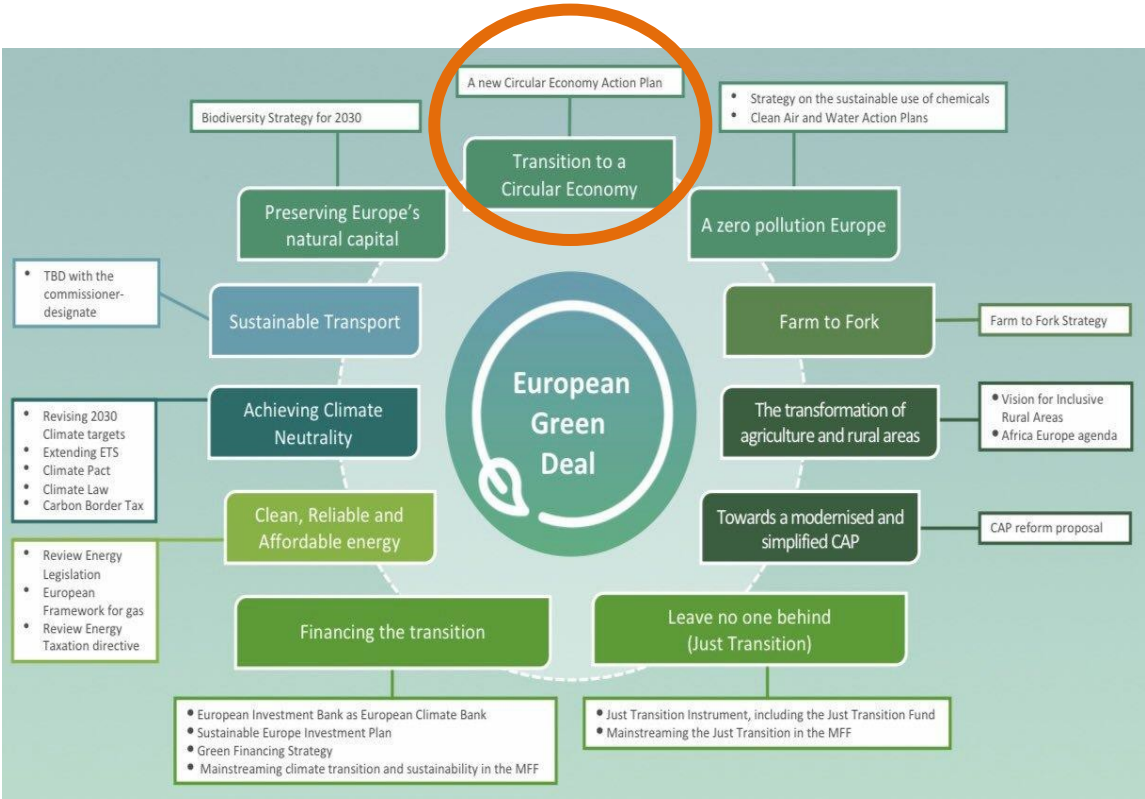
OUR (more than 180) MEMBERS committed to a SUSTAINABLE FUTURE



A PARADIGM SHIFT



THE EUROPEAN CONTEXT



THE “ZERO WASTE” INITIATIVE – A SINGULAR MULTI STAKEHOLDER PROJECT

A civil society initiative – 9 citizens, backed by a petition subscribed by thousands of people (back in 2010)



A partnership with the Municipalities – going local first, and scaling up to the entire Portuguese territory (including the Islands)



A partnership with the donors – restaurants, hotels, canteens, hospitals, universities, vending machines, supermarkets, airline operators...



A network with trusted partners – creating a solution based on the contribution of the main stakeholders involved in waste management

- First line **beneficiaries** are mostly NGOs (with thousands of volunteers helping the project)
- KPIs aligned with EC and FUSIONS (**Food Use for Social Innovation by Optimising Waste Prevention Strategies**) framework and manuals
- Currently endorsed by **FAO** and **UNEP** and the **EU** Directorate- General for Health and Food Safety
- Part of the **FORCE consortium** – “cities cooperating for a circular economy” in food and biowaste
- An infrastructure/platform prepared to be scaled to **any type of waste** (textile, plastic, electronics, etc...) presenting the main impact indicators in real time and tracking potential waste in any part of the chain
- Potential development of a **blockchain platform** able to end-to-end back track any type of waste



THE “ZERO WASTE” INITIATIVE – [SOME] FACTS & FIGURES

Food

€ 45,411,084

VALOR ECONÓMICO GERADO

€ 725,124

CUSTOS EVITADOS COM O TRATAMENTO
DE RESÍDUOS ALIMENTARES

9 082

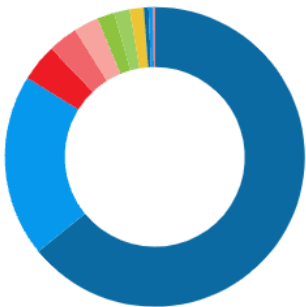
RESÍDUOS ALIMENTARES EVITADOS (TON)

38 145

CO2 EVITADO (TOP)

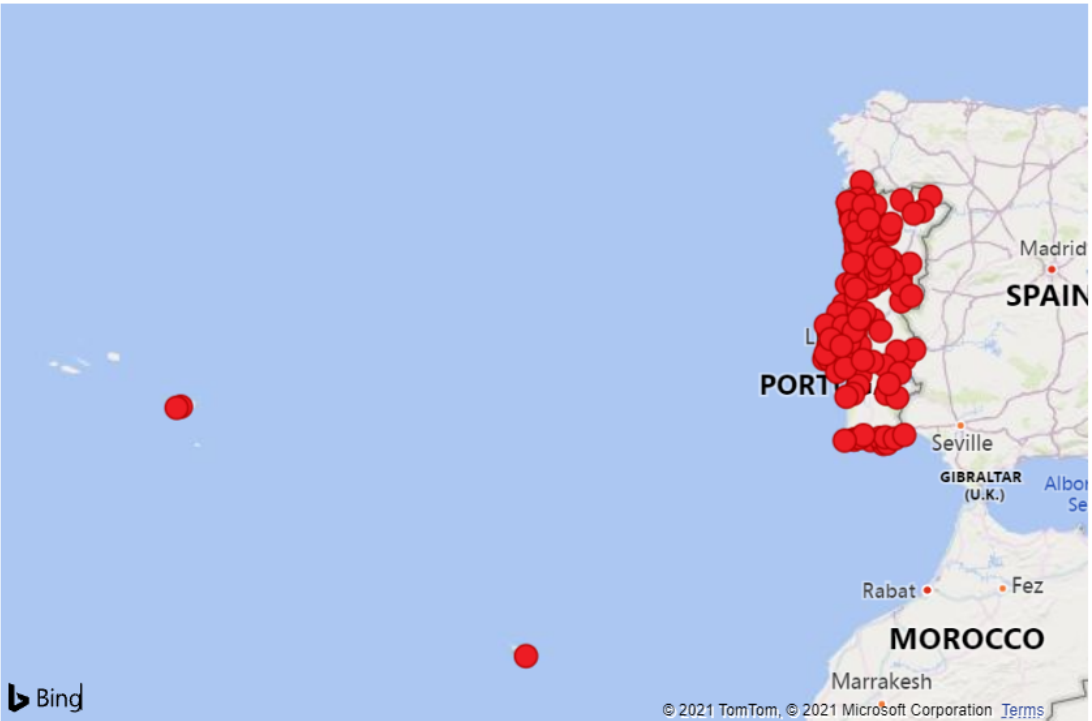
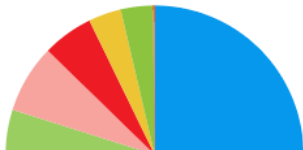
DOADORES POR SETOR DE ATIVIDADE

- Comércio, Re...
- Restauração
- Hoteis e Aloj...
- Eventos
- Escolas, Instit...
- Serviços
- Saúde e Des...
- Serviços Públ...
- Indústria
- Outros
- Cultura



ALIMENTOS RECOLHIDOS POR TIPOLOGIA

- Mercearia
- Produtos Refr...
- Comida Conf...
- Bebidas
- Sona



18 164 434

Nº DE REFEIÇÕES EQUIVALENTES

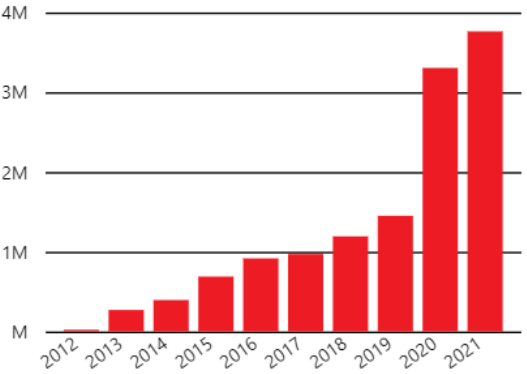
595

Nº DE DOADORES

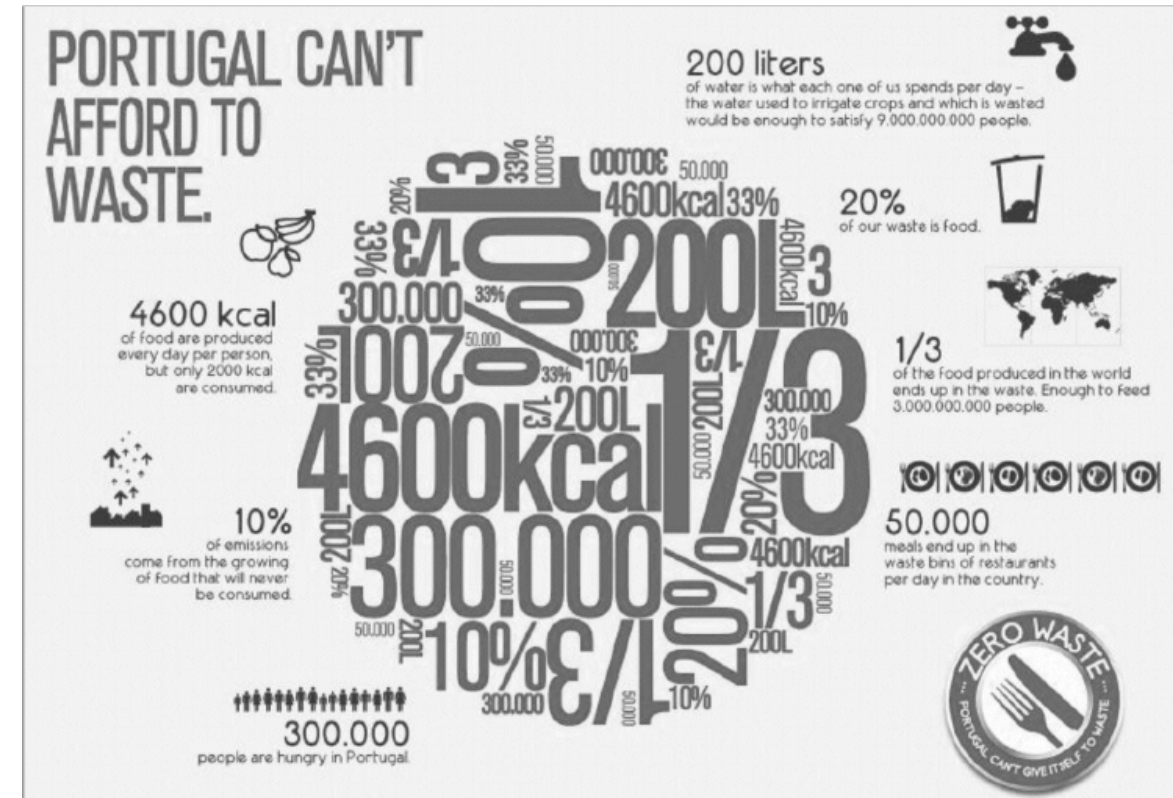
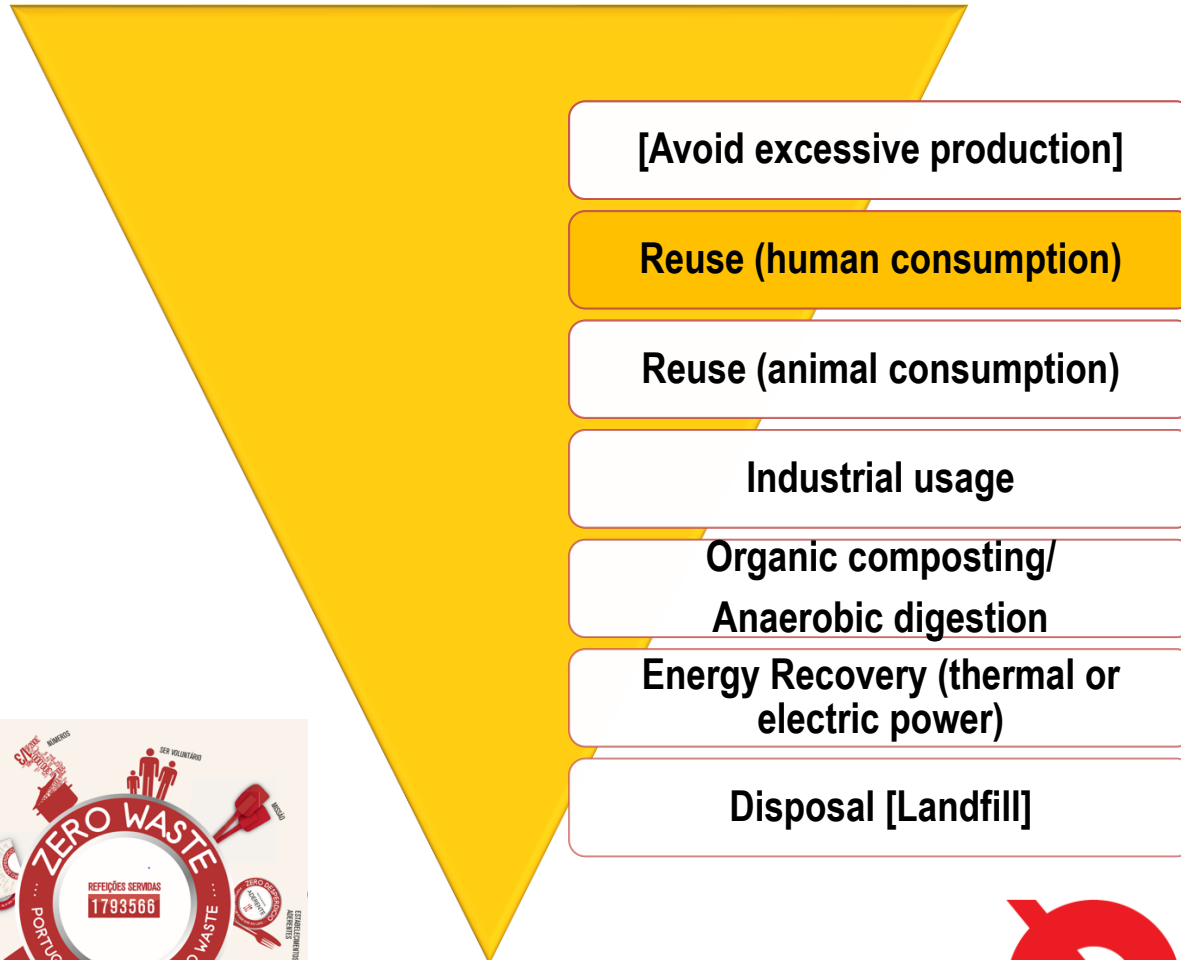
307

Nº DE RECETORES

REFEIÇÕES EQUIVALENTES POR ANO



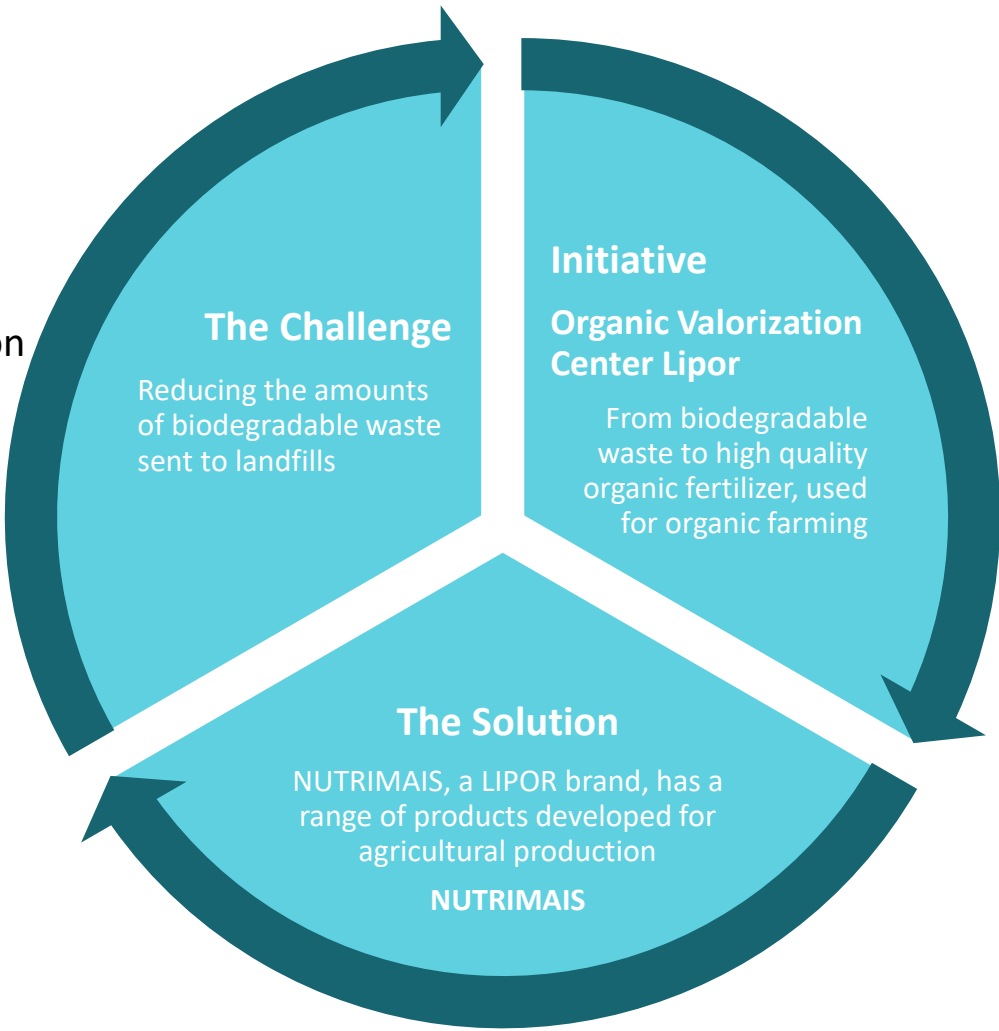
THE “ZERO WASTE” INITIATIVE – FOOD RECYCLING PROCESS



THE “ZERO WASTE” INITIATIVE – THE PARTNERSHIPS [AN EXAMPLE]



Company Name: LIPOR - Waste Management Service of the Oporto Region
Setor: Waste Management
Turnover (2020): + € 40 M



<https://youtu.be/Y1vnQ-mpgg0>

What makes it especially circular?

Resulting from the process of composting organic matter from biodegradable waste (food waste and green waste), the production of organic fertilizer for use in organic farming

Outcomes to date: Process Composting Capacity (60.000 tons /year): 15.000 tons organic fertilizer/year

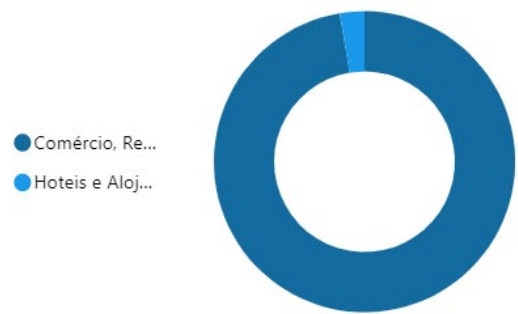


THE “ZERO WASTE” INITIATIVE – ENLARGING TO TEXTILE [AND PLASTICS TO COME...]

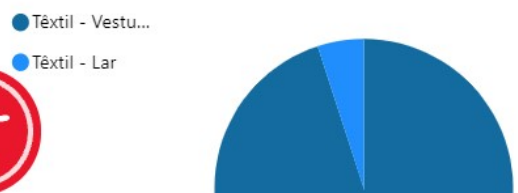
Textile



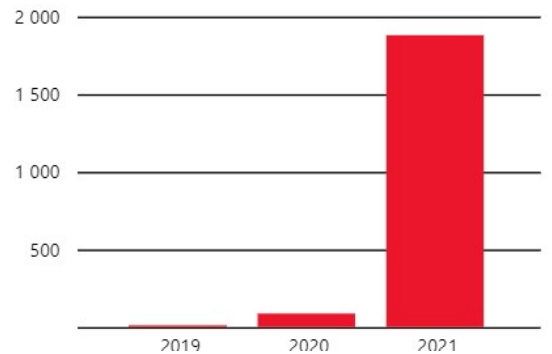
DOADORES POR SETOR DE ATIVIDADE



TÊXTEIS RECOLHIDOS POR TIPOLOGIA



PEÇAS DE ROUPA EQUIVALENTES POR ANO



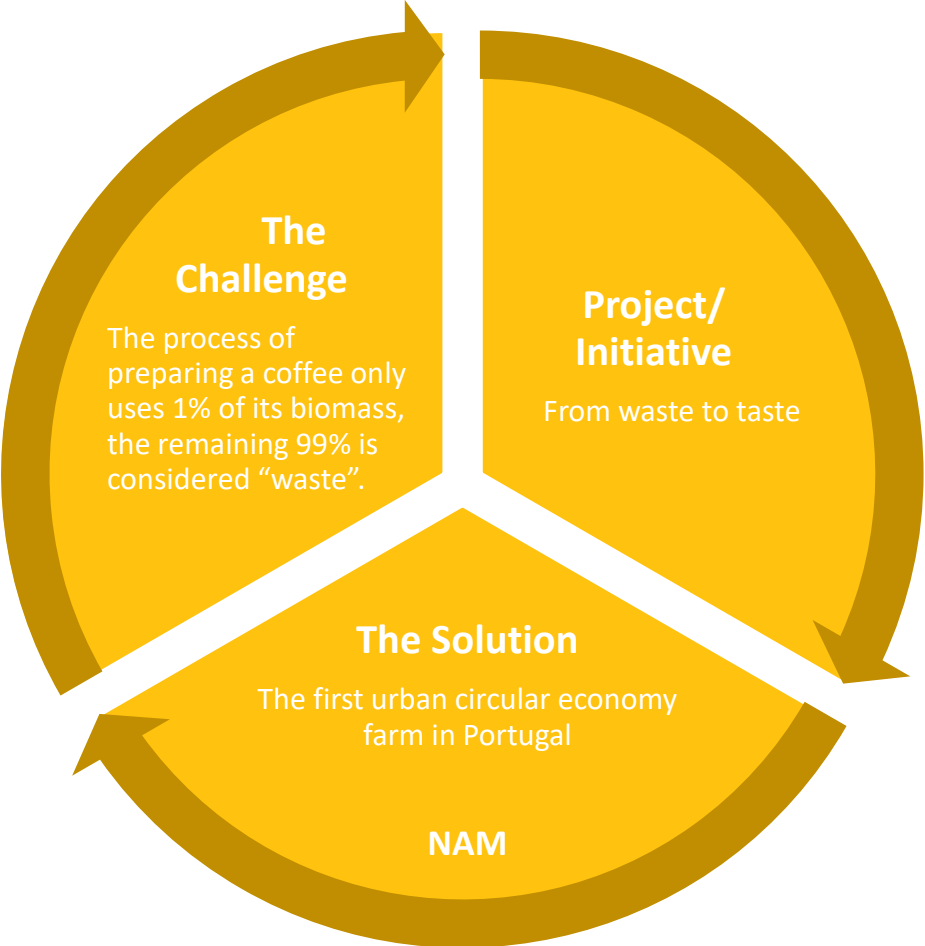
THE “ZERO WASTE” INITIATIVE – UPCYCLING ON TEXTILE



OTHER INSPIRING EXAMPLES IN GRACE'S UNIVERSE



Company Name: Delta Cafés
Sector: Food (Coffee, tea, sandwiches and iced drinks)
Revenue (2020): + € 340M



https://youtu.be/Ni-uUR_UOqM

What makes it especially circular?

The coffee cycle ends, giving rise to new resources, mushrooms and fertilizers.
Outcomes to date (2021): Production Capacity (Ton Mushrooms/Year): 48 Ton from 144 ton coffee “waste”



THANK YOU!

