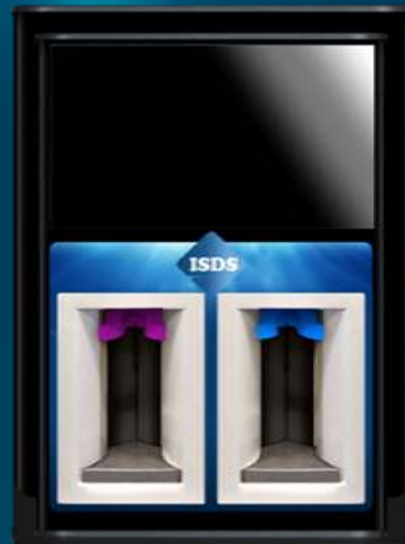


# In-Store Dispensing System

## A Sustainable Future for FMCG

Fast moving consumer goods



Please check out here for a full product presentation:

[https://youtu.be/uSS\\_Wcmn7j4](https://youtu.be/uSS_Wcmn7j4)

# LAUNDRY CARE

16 Bn liters sold per year

1,2 mio tons of single-use plastic waste

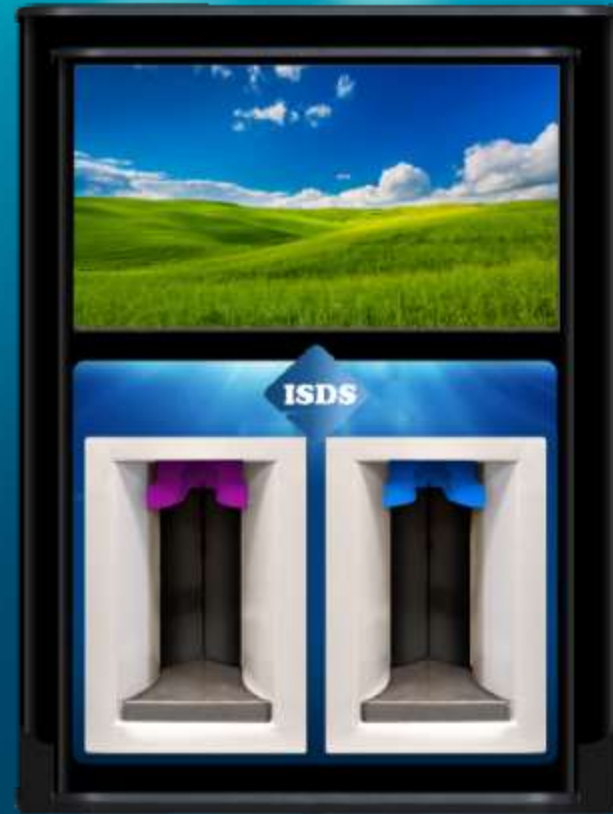


Circular Economy  
is the most efficient answer  
to reduce retail plastic waste

## **LAUNDRY CARE**

In-Store Dispensing System  
is the answer

# ISDS is an automatic dispenser filling reusable smart flex packagings



# Benefits for the retailer

## Digital Store

Upsale & Crosssale

Inventory management

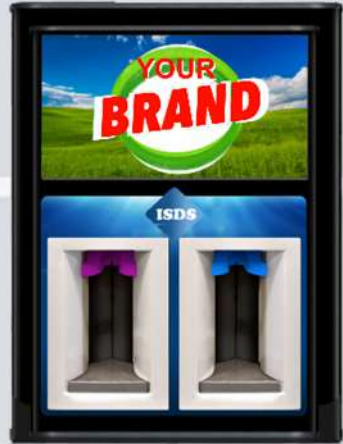
Customization

Data collection

Differentiating

Real-time Pricing

100% availability



## Conventional Store

Inventory

Price update

Shelf space

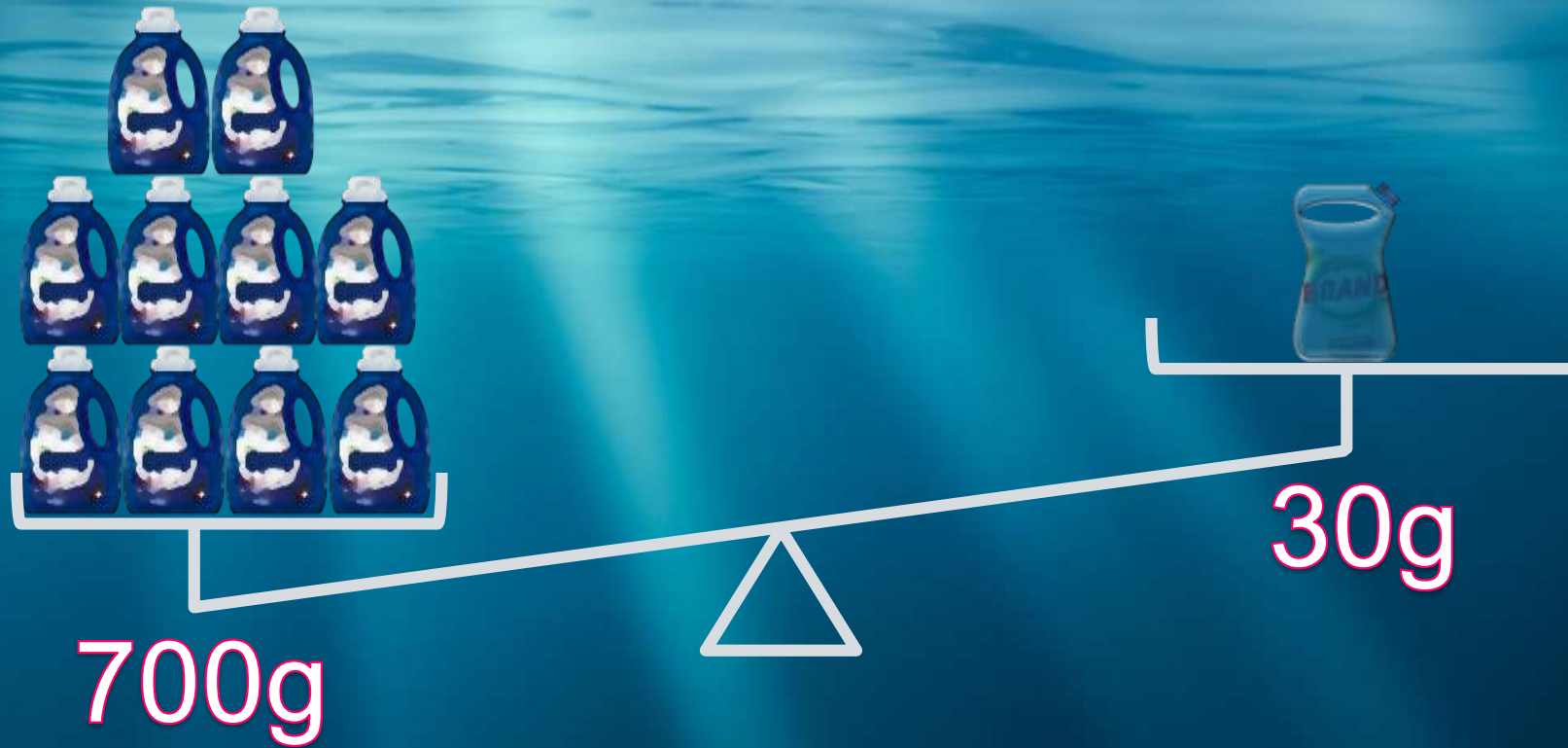
Stock-out

Facing

Replenishment

Disposal

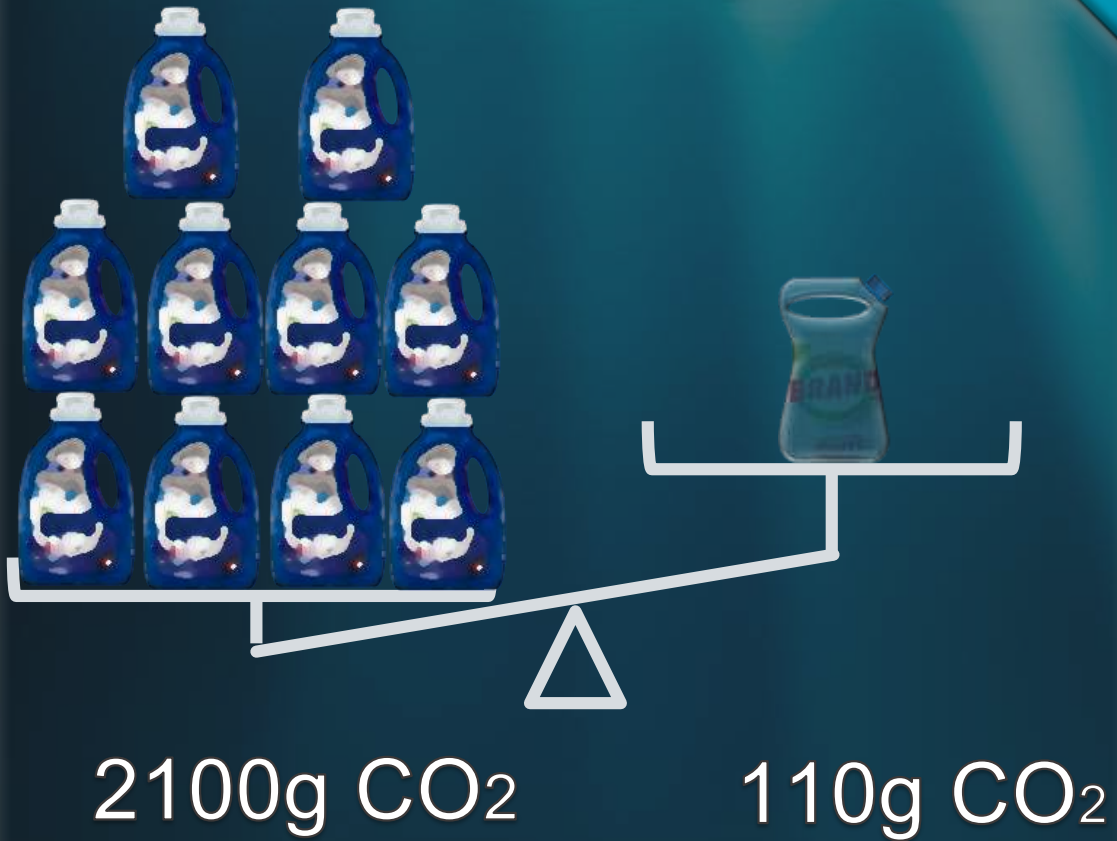




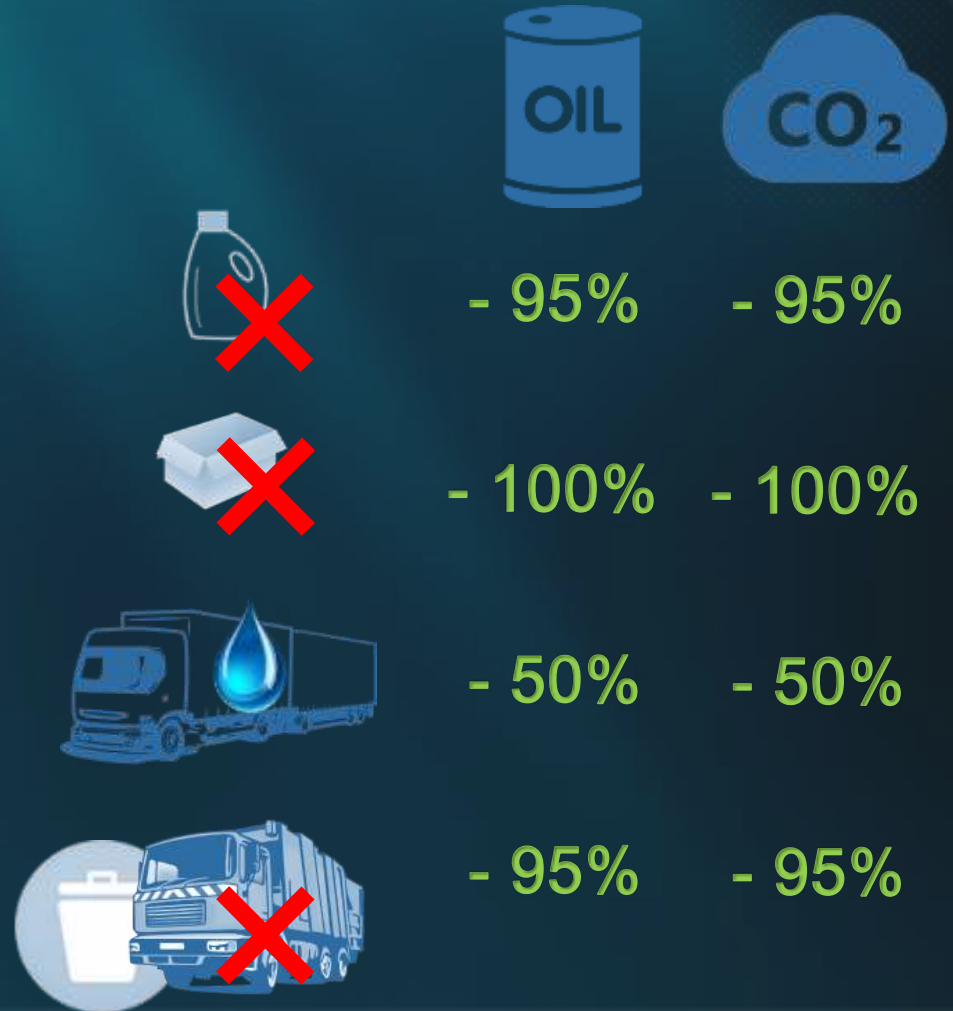
**10 Refills: 96% plastic saved**

# Environmental impact

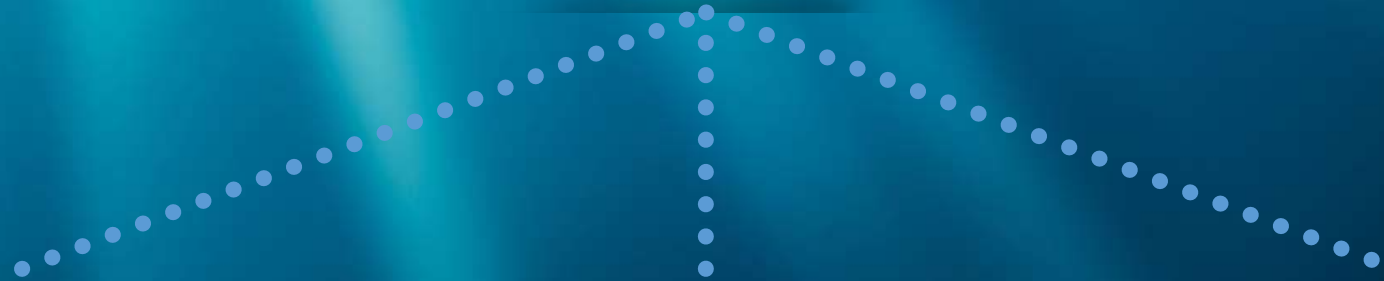
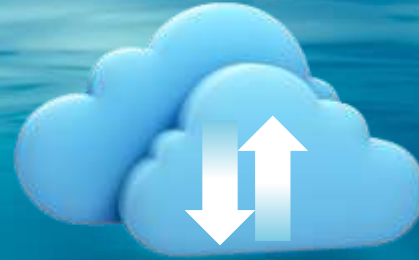
## Carbon Footprint



## Resources



# Big Data and RFID Technology



**Targeted  
Promotion**



**Dynamic  
Pricing**

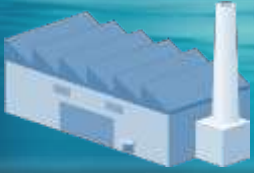


**Brand  
Loyalty**





# Costs of conventional supply-chain



Filling Cost



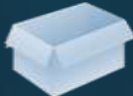
1st Packaging



Labels



2nd Packaging



Recycling tax



Marketing



Transportation



Packaging disposal



Shelf Space

Shelf Replenishment



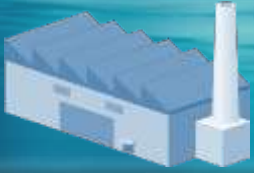
Shelf Facing

Price Labelling



Inventory

# Costs of ISDS equipped Retail



Filling Cost



Costs Savings



Transportation



IBC return



35% cost savings/liter



Service costs

Warehouse space

Costs Savings



sustainable, profitable, digital  
solution for the  
global retail industry

# Team



**Richard Garnett**

United Kingdom

Specialist in Agricultural Engineering, chemical packaging and dispensing systems



**Michaël Hoffmann**

Germany & France

Electrical Engineer, MBA

Specialist in Aluminium and Plastics - Aerospace



**ISDS references**

Trial results and surveys available on request