



DESCRIPTION OF THE CHALLENGE

CHALLENGE

1.1- Design and manufacture of a marine recycled plastic fabric with high absorption capacity

SUMMARY

We are looking for a solution company for....

- Designing and manufacturing a marine-derived plastic yarn cloth for the application in the product segment of wipes and mops.
- With a warp technology.
- With possible addition of new or improved fibers and/or a biodegradable additive.
- With performance (absorption and other) equal or superior to that of commonly sourced cloths.
- Fulfill with the eco-sustainable certification - ECO LABEL.

HOW COULD WE

Get a solution...

- To manufacture, i.e. to weave plastic yarn cloth that achieve at least the same results as the products currently on the market.
- That uses recycled plastic yarns from the sea as the main material.
- That fulfills the requirements of the ECO LABEL.

REQUIREMENTS

- The plastic yarn cloth is made of a microfiber fabric.
- It improves the performance of the products currently on the market:
 - Optimum level of absorption.
 - Cleaning results: it must not leave traces of grease on a glass. Associated Unit of Measurement.

A measurement parameter is needed to compare the result of the solution with current products.
- The production must not involve contamination effects.

TYPE OF CHALLENGE



Product – Market – Technology – Channel – Society – Others