



DESCRIPTION OF THE CHALLENGE

CHALLENGE

SUMMARY

We are looking for a solution company for...

- To reduce the cost in (Kw/h)/l of the elimination of water in the textile product during the dyeing processes, through the use of vacuum.

REQUIREMENTS

The solution...

- includes a cost reduction compared to the current processes mentioned above.
- makes sure that the texture and appearance conditions are equal to or better than those of the current process.

5.2 - Optimising textile drying with vacuum processes

HOW COULD WE

Get a solution that allows to...

- Simplify, save money and time,
- in the current processes (centrifuging, squeezing and drying of knitted products by means of gas burners),
- through alternatives based on the use of vacuum environments.

The use of vacuum processes allows water evaporation to take place at lower temperatures with less intensive use of energy and shorter process times.

TYPE OF CHALLENGE

P M T C S O

Product – Market – **Technology** – Chanel – Society – Others