



European Motor Challenge Award 2007

Somelos Fios, S.A. - PORTUGAL

DESCRIPTION OF THE COMPANY

WORKFORCE

126 MA

ACTIVITY/SECTOR

Production and trading of textile yarns /
Textile Industry (Cotton)

MOTOR CHALLENGE MANAGER

Hermínio José Gil Vicente Soares Gomes
(Engineer)

PRESIDENT OF THE COMPANY

Dr. Paulo Pereira Mendes Teixeira de Melo

DIRECTOR MANAGER

Leonel Oliveira (Engineer)

TURNOVER

9.9 Mio. EUR

DATE OF ENTRY INTO THE MCP

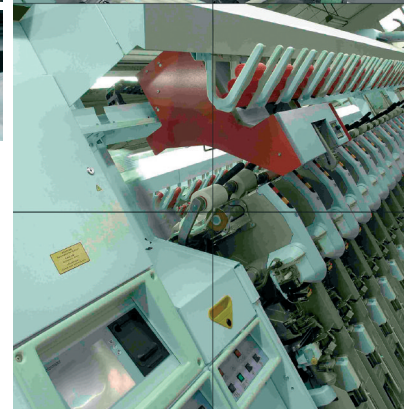
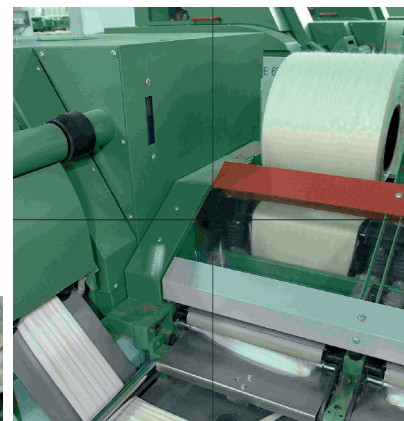
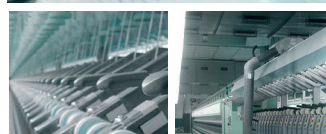
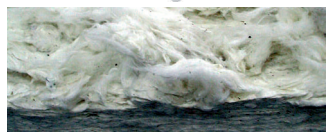
September 2006

DURATION OF THE ACTUAL ACTION PLAN

12 months

SYSTEMS IN ACTION PLAN

Drives Module, covering the main
production equipments.



THE MAIN ACTIONS

The Action Plan carried out by the company included the following actions:

- Application of a variable speed drive (VSD) in the main motors (each one of 30 kW) of 3 flyer machines for twisting operation, and application of a soft-starter in the main motors (of 36,7 kW) of two other similar machines.
- Lubrication, adjustments, tuning – reinforcement of the preventive maintenance routines
- Installation of VSDs in two air conditioning systems (one of 7,5 kW for a water pump and two other of 22 kW, one for the insuflation fan and other for the return fan)
- Other actions, even including some not foreseen at the MCP Action Plan approved by the EC, and involving electric motor driven systems (e.g. application of VSDs in several machines) and not only, with repercussions in energy savings, are foreseen to be carried out during 2007 and 2008.

ANNUAL ENERGY SAVINGS PROJECTED IN THE ACTION PLAN

Electricity

3.112 MWh

WHY HAS THE ENTERPRISE JOINED THE MCP ?

“ *The MCP fit perfectly with our plans for reduction and optimisation of energy consumption.* ”



AGÊNCIA PARA A ENERGIA

ADENE: National Contact Point of the Motor Challenge Programme in Portugal



THE MOTOR CHALLENGE EUROPEAN PROGRAM
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Supported by

Intelligent Energy Europe

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www.motor-challenge.eu