



**HELIENE**

PHOTOVOLTAICS  
MODULES



**PROFESSIONAL PHOTOVOLTAIC MODULES**

Production, Service, Quality and Innovation



# Connecting to clean energy

The extension of our quality system with the **ISO 14000**, begun with **9001**, must be carried out through the **EFQM (European Foundation for Quality Management)**, which will mean the results will benefit society with a totally sustainable management regarding our manufacturing processes.

Our product, photovoltaic modules, is clean and totally renewable energy. The result of our long-lasting vocation to adapt manufacturing processes to environmental stability.

# Heliene, the company

Heliene dedicates to the manufacture of photovoltaic modules of high power (initially from 200 to 250 Wp) and range or upper middle class in benefits, whose clients are companies or industrialists installers of photovoltaic energy; with suppliers at world-wide level and expectation of commercialization in Catalonia, Spain, Europe and rest of the world, like markets finally extended.

## Global vision

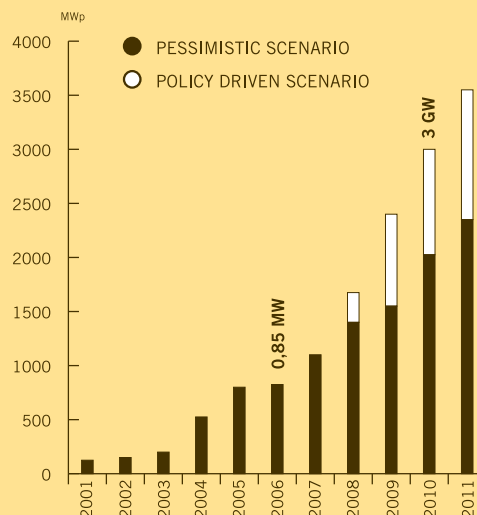
Working with suppliers at global level. Its competitive frame based on a product with innovation in benefits of high efficiency energetics, good price, discharge quality of finished and to good communication and information to the installer or/and promoter of photovoltaic parks.

## Horizons

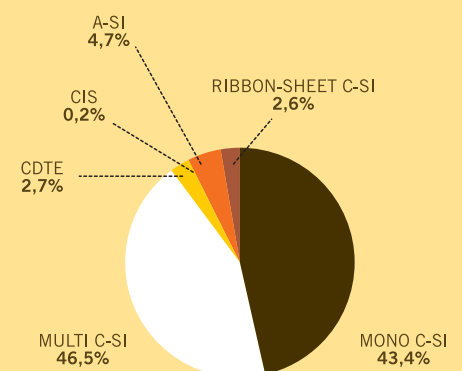
From a business point of view, the generation of value is the goal of our activity. Value for clients, value for the company, shareholders and employees. For the success of our operations, we consider four factors as indispensable:

**Productivity, Service, Quality and Innovation.**

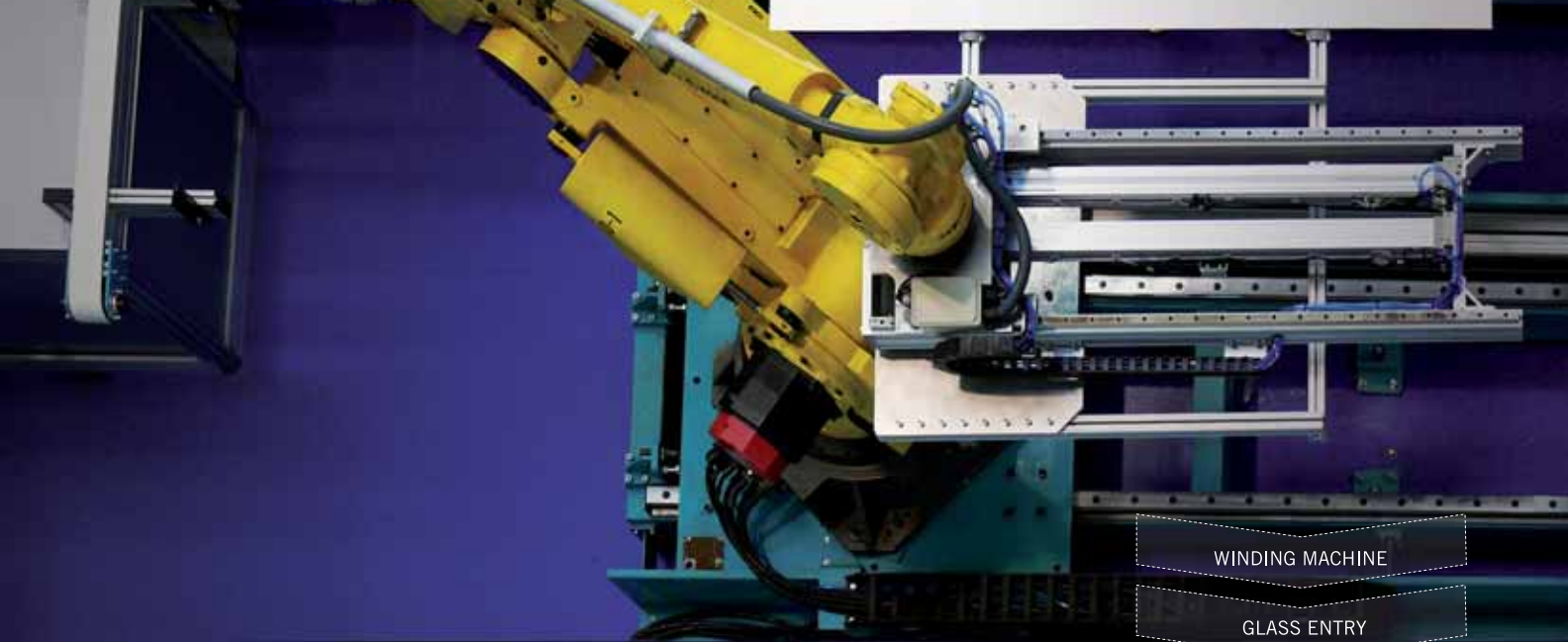
EU - 25 ANNUAL INSTALLATIONS OF PV



TECHNOLOGY SHARES IN 2006



Source: Photon 2007/3



WINDING MACHINE

GLASS ENTRY

CELL CLASSIFICATION

CELL SOLDERING

ROBOT TABBERS STRINGERS

INTERCONNECTION

VISUAL CONTROL

PANEL LAMINATION

COOLING AREA

MODULE BUFFER

FRAMING

FLASH - TRIGGER

MODULE PALLETISING

# A highly efficient production system

The search for competitiveness in all markets, has led us to design and invest in a manufacturing process with a high degree of automation that enables its effective amortization. Secondly, maintaining the production line is the determining factor to guarantee this capacity continues in time. We have in application phase: corrective maintenance, preventive maintenance and predictive maintenance.

This model is based on the **TPM (Total Productive Maintenance)** approach, enabling as well as encouraging an involvement of the entire workforce in the productive process. Its application enables quantification by means of performance rate, shift activity, lines, process phases and posts.







### HELIOS ENERGY EUROPE S.L.

Pza. del Xarol, 13-15  
Pol. Ind. Les Guixeres  
08915 BADALONA (Barcelona)  
Tel. +34 93 313 61 62  
info@heliosenergy.es  
www.heliosenergy.es