

Romanian furniture manufacturer invests in process improvements... ...while significantly reducing energy bills

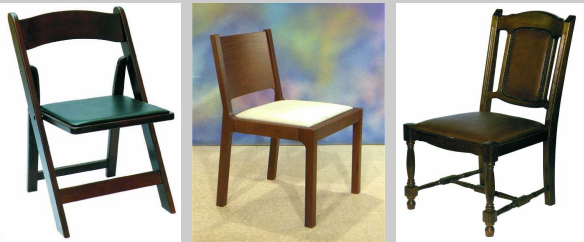
WHEN FORTUNE CALLS, OFFER HER A CHAIR

Plimob SA is a producer of all kinds of chairs and small furniture, mainly for IKEA, the world's largest furniture retailer.

TECHNICAL SOLUTION

Plimob invested in a range of process improvements that bring energy savings:

- Introducing a sanding machine into the chair parts processing line
- A new mortising for chairs legs
- Brand-new milling machine equipped with an automatic loader
- Fully automated robotic varnishing in an electrostatic field
- Replacement of the exhaust installation with an advanced sealing system
- Modernization of the assembling line for folding chairs
- A new milling machine for combining parts operating in an automatic cycle



Plimob chairs may be found in stores throughout Europe

IMPACT OF THE INVESTMENT ON THE COMPANY

Financing included a 738 039 EUR sub-loan from **BRD Groupe Société Générale** using the **EU/EBRD Energy Efficiency Finance Facility**, so Plimob qualified to receive an **EU Grant** of 15% (110 705 EUR).

A study drafted by **Tractebel Engineering (GDF SUEZ)** under EEFF demonstrated energy savings of 259 930 kWh/year as a result of the investment.

HIGHLIGHTS

- **Payback** in 4 years
- 36% **energy savings**
- **Emissions reduction** 149 tCO₂e/year (36%)
- A classic example of how energy efficiency can help **minimize production costs**

