PORTFOLIO

Five Years of Steady Growth

In five years, we have shifted our business portfolio to high-value-added product lines. We now rank from first to third globally in our leading business segments, namely Industrial Chemicals and Performance Products. In Vinyl Products, we rank third in Europe. Arkema’s growth and profitability are driven by innovation, a stepped-up presence in emerging markets, and targeted acquisitions.

Profitability since 2005

x 2.2

>50%
growth in capital expenditure dedicated to emerging economies

€650 million

sales acquired between 2005 and 2010

No. 1 in the world

- Thiochemicals
- Specialty polyamides
- PVDF fluoropolymers*
- PMMA acrylic glass**

No. 2 in the world

- Organic peroxides
- Fluorocarbon gases
- Molecular sieves
- PVC stabilizers

No. 3 in the world

- Hydrogen peroxides
- Acrylic acids
- etc.

* Polyvinylidene fluoride
** Polymethyl methacrylate
Arkema makes a broad array of products for a number of major industries, among them construction, packaging, chemicals, automotive manufacturing, electronics, food and pharmaceuticals. A leader in key chemical production sectors such as chlorine, thiochemicals, acrylics, fluorochemicals and hydrogen peroxide, our products include intermediate chemicals, polymers, fine chemicals and specialty chemicals.

**MARKETS**

**A Wide Range of Sectors**

Arkema makes a broad array of products for a number of major industries, among them construction, packaging, chemicals, automotive manufacturing, electronics, food and pharmaceuticals. A leader in key chemical production sectors such as chlorine, thiochemicals, acrylics, fluorochemicals and hydrogen peroxide, our products include intermediate chemicals, polymers, fine chemicals and specialty chemicals.

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**Chemical industry**, construction and public works

15 - 20% **

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**Energy, coatings and adhesives, electronics, automotive industry, manufacturing, packaging**

5 - 10% **

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**Pulp and paper, environment, agrochemicals, health, personal care and beauty, sports and leisure, street furniture and signage**

< 5% **

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* Including sales to chemical distributors

** % revenue in each market
Arkema is building the future of the chemical industry every day. It is a cutting-edge, responsible, innovation-oriented specialty chemical industry that offers customers practical solutions for tackling the challenges of climate change, access to drinking water, the energies of the future, fossil resource stewardship and lighter materials.

Some of Arkema’s Major Innovation Successes

• The successful start-up of the plant producing next-generation Forane® 125 refrigerant gas using an Arkema process.

• Kynar® films to protect photovoltaic solar panels.

• The Apolhya® Solar pline for the encapsulation of photovoltaic panels for solar cells.

• The U.S. Environmental Protection Agency’s approval of Paladin®, an environmentally friendly soil fumigant.

• The market launch of Rilsan® HT, the first high-temperature, biosourced polyamide able to replace metal in highly technical applications.

• Winning France’s Pierre Potier Prize for Innovation for Kynar Aquatec®, a PVDF aqueous emulsion for reflective coatings.

• Altuglas® for energy-efficient LED-backlit television sets.

• Kynar® used as a binder for cathodes and a microporous separator in rechargeable lithium-ion batteries.
2010 Key Indicators

- **$5.9 billion** revenue
- **$790 million** EBITDA
- **80** production plants
  - 46 in Europe,
  - 24 in North America,
  - 10 in Asia
- **8** R&D centers
  - 5 in France,
  - 2 in the United States,
  - 1 in Japan
- **2.5%** of revenue allocated to R&D
- **14,000** employees

**Revenue by business segment**
- Vinyl Products **19%**
- Industrial Chemicals **53%**
- Performance Products **28%**

**Revenue by region**
- Europe **48%**
- North America **29%**
- Asia **18%**
- Rest of the World **5%**

**Workforce by region**
- Europe **73%**
- North America **17%**
- Asia **9%**
- Rest of the World **1%**
Arkema products are often found in the everyday objects that surround us. Our high-performance materials and specialty chemicals keep pace with technological change, enabling our customers to meet consumer expectations.

1. Altuglas® in LCD-LED television sets optimizes light diffusion.
2. Rilsan® can be found in stadiums around the world with Adidas’ AdiZero soccer shoe cleats.

4. Membranes made out of Kynar® nanostructured fluoro-copolymer are used for water ultrafiltration.
5. Rilsan® Clear delivers strength and flexibility in designing Quicksilver sunglasses.