



Introduction to Arkema

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Catalysis, Processes and Biomass Conversion

ARKEMA
INNOVATIVE CHEMISTRY

Arkema's Plant-Based factories

4 Vegetable Oil-based
1 Wood-based
11 % of Turnover (700 M€)

Coating Solutions



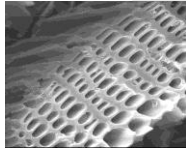
Vegetable Oil based

Blooming Prairie



Epoxidized Linseed & soybean Oils, Terpenes

Parentis



Wood-based Activated Carbons

Feuchy



Fatty Nitriles & Amines

Hengshui



**Castor Oil-Based PA Monomers
Sebacic Acid**

Marseille St Menet



Castor Oil based Polyamide Monomer

Malaysia



BioMethionine Under construction

Arkema's Renewable Products have technical advantages

New Biobased Products and R&D Projects

Target for Biobased products in Arkema:
15 % of Turnover in 2016

XX



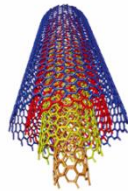
Vegetable Oil-Based Monomers

PMMA RNew



Improved Performance

Corporate



Carbon Nanotubes

Coating Solutions



Vegetable Oil based

Carling/Pierre Bénite



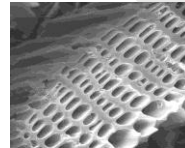
Biobased Acrylic Acid

Corporate



Biobased Acrolein

CECA



New Lignocellulosics Activated Carbons

CRRA, Pierre-Benite



Metathesis based Specialty Monomer

Feuchy



Fatty Nitriles & Amines

Arkema's Renewable Products have technical advantages