



## **BIO-BASED CHEMISTRY** **OUR STRENGTHS**

**Scientific and technical expertise stemming from process development, present throughout the bioproduct value chain:**

- catalysis and biocatalysis,
- chemical engineering,
- process engineering,
- dimensioning and design of pilot units and demonstrators,
- analysis.

**Two extrapolation pilot units at the [IFPEN-Lyon site](#).**

**A technical and economic evaluation approach integrating the environmental and [life-cycle analysis](#) dimension.**



**A proven transfer model**

IFPEN's innovations are taken to market by its industrial partners, who handle industrial development and marketing. Its subsidiary [Axens](#) is one such example.

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## CONTACT



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Innovation and Industry

News

February 2019

### **Bio-paraxylene production: on the path to 100% bio-based bottles**

Press release

Climate, environment and circular economy

Plastics recycling

Renewable energies

Biofuels and e-fuels

Our strengths

Link to the web page :