Discover the world of petrochemicals

The advances of chemistry depend on products such as ethylene, propylene, butadiene and benzene. These are the raw materials of the petrochemical industry, which turns them into products used in 95% of all manufactured goods. Petrochemicals enhance product lifecycles and increase the durability, flexibility and convenience of products, making materials more lightweight and efficient. Such innovations may be found in renewable energy, such as wind and solar panels, insulation materials, healthcare, protection and rating, long-lasting infrastructure used in construction and many more.

Petrochemicals Europe's flowchart traces the main steps from raw materials and feedstocks through to petrochemical products, their derivatives and everyday products. Only a few of these are featured here, along with their end applications, as there are too many and their processes too complex. But there is much more to petrochemicals. With www.petrochemistry.eu, the gateway to the world of petrochemicals online, and take a tour of our Interactive Flowchart on www.petrochemistry.eu/flowchart. Choose and click on the petrochemical product of your choice and its derivatives to find your way on the path from raw materials to everyday products.

We’ll be happy to send you additional copies of this flowchart and receive your feedback or answer your questions.

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The flowchart has been produced by Petrochemicals Europe, the voice of the European petrochemical industry and a member of Cefic, the European Chemical Industry Council. The independent research and information received from the industry demonstrates that the petrochemical industry is a major player in driving innovation, growth and employment. Its products are essential in all our daily lives, in a range of sectors and businesses. The petrochemical industry is committed to the sustainable development of our society and to the fight against climate change.