

Nanomaterials

The **identification of new materials** is one of the key elements for innovation and industrial development. It often means the establishment of new equipment or upgrading of traditional systems, so that material innovation allows a multiplicative effect at system level.

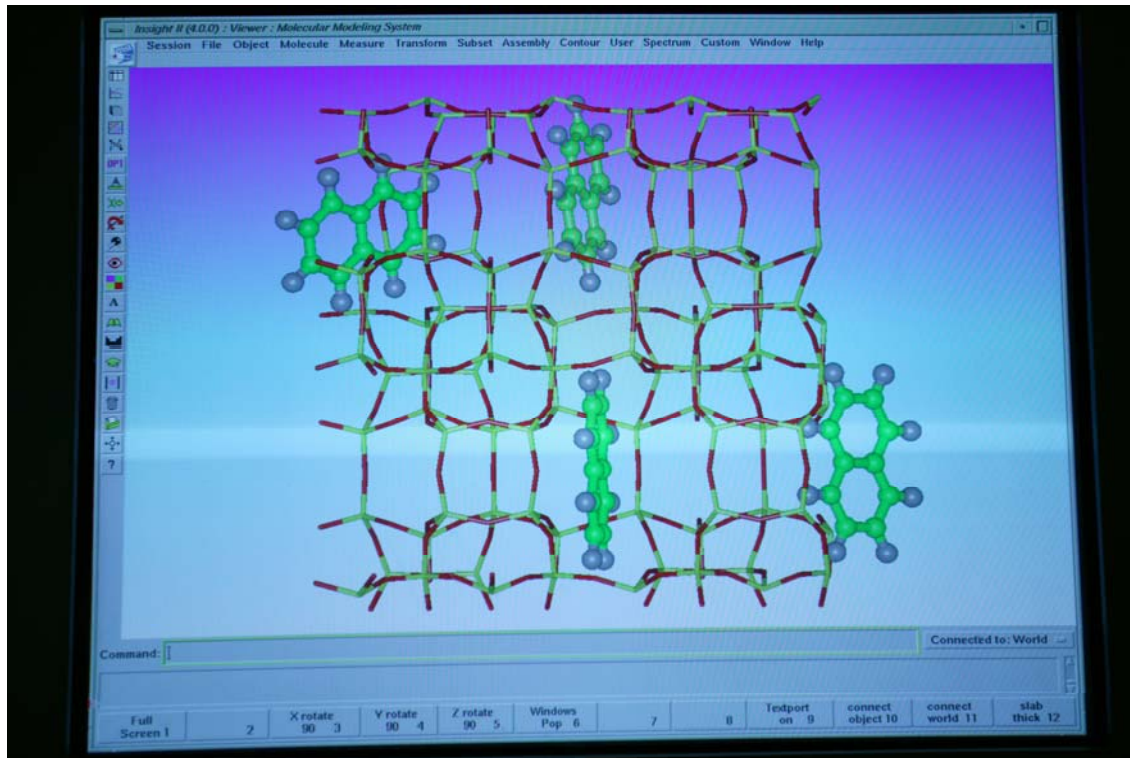
The enrichment of knowledge aimed at the **development of materials** is therefore a strong point for Eni, in particular regarding the design and implementation of innovative and advanced materials, with particular attention to the **nano-dimensional structures** with process applications related to Eni's core business.

By **combining organic and inorganic domains and exploiting the potential of porous crystalline materials at regular structure**, the materials are designed to promote more sustainable technologies, with low environmental impact, making the best use of raw materials and minimizing byproducts.



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The availability of **new structures with different porous characteristics** from those available is, in fact, the necessary condition to expand the applications in different fields of interest.



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