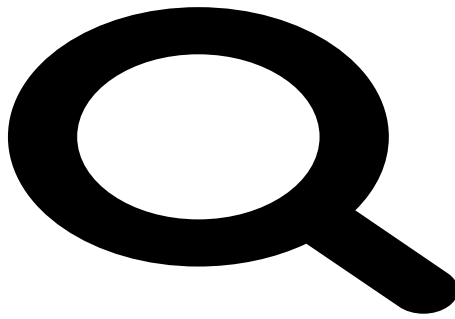


FIRST RESULTS OF THE NANOMATERIALS CENTER

Posted on 24/08/2014 by Naider



The [Center for Research in Nanomaterials and Nanotechnology \(CINN\)](#), which has had its headquarters for a month in the TIC building of the Entrego well (Asturias), is a pioneer facility worldwide that has a large sintering (compaction) furnace (12 meters high by 6 meters wide and 5 meters deep), dedicated to the manufacture of so-called "ultramaterials". These products offer exceptional properties of hardness, lightness or heat resistance (according to existing needs), in small pieces.

CINN has successfully completed the first phase of testing the furnace for [nanomaterials](#), and consisted of making ceramic discs 150 millimeters in diameter, tests that were carried out satisfactorily. The next phase will focus on obtaining larger discs, high-resistance 400-millimeter-diameter pieces never before manufactured and intended for the production of cutting tools, mechanical components for pumps, and dies for metal stamping.

This initiative is part of a project led by the European Union (EU) with a budget of 1.8 million and with the participation of the CINN; the technology center [IK4-Tekniker](#) and the [Catholic University of Louvain](#), as well as four private companies from Spain, Germany and the Netherlands.

There are no comments yet.