

Aerogelx: Enabling aerogel technology translation for care, life science, nutrition and pharmaceutical markets

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Winner of the European Technology Platform on Nanomedicine (ETPN) award 2017 for the best Nanomedicine Product-Deal.

Aerogels' potential in various applications is widely acknowledged in the research. However, apart from thermal superinsulation, the commercial development and exploration of aerogel materials using supercritical drying technology is virtually non-existent in other industry segments. The main reason is the absence of a stakeholder network that reaches out to the new markets, disseminates technology confidence and product potential to the industry R&D, and links the future aerogel demand with the wealth of supercritical fluid technology expertise already available.

Aerogelx's goal is to facilitate the implementation of aerogels in care, lifescience, nutrition, and pharmaceutical applications by transferring their wealth of knowledge about aerogels and aerogel manufacturing experience to partners who see value in the performance aerogels can offer. Aerogelx will partner with companies and research groups to solve the materials and processing challenges associated with bringing aerogels and aerogel-based materials to market.

Aerogelx is currently open to partnership with individuals and companies who are looking to establish a foothold in biopolymer aerogels, or who are interested in using supercritical drying in their manufacturing process. Businesses that partner with Aerogelx will get access to an aerogel production plant where aerogel prototypes can be manufactured and optimized. After a successful pilot phase, partnering companies will learn how to manufacture aerogels on a large scale in order to establish their own expertise for commercialization.

To get a glimpse of the technological opportunities that supercritical drying and biopolymer aerogels offer, curious minds can purchase the first official product from Aerogelx on BuyAerogel.com. The "AeroEggs" up for sale are unique aerogels made from hard-boiled eggs that reveal the endless possibilities that aerogels can offer.