

Companies Announcement Office  
ASX Limited  
Level 6, 20 Bridge Street  
Sydney NSW 2000

## **CFOAM DOE PROJECT UPDATE**

CFOAM Limited, CFOAM Corp (74.34% owned by CFOAM Limited, 25.66% owned by CONSOL Energy Inc.) and its operating entity CFOAM LLC, Triadelphia, West Virginia, (**CFOAM**) wish to provide an update on its projects.

### **CFOAM DOE project**

**CFOAM® carbon products present the potential for a low-emission, fireproof, mould resistant, low-cost, and sustainable material for use in building construction.**

The objective of the DOE project is to create a continuous manufacturing process for carbon foam that operates at atmospheric pressure and can generate well-formed carbon foam panels and lightweight aggregates. Producing CFOAM products at atmospheric pressure will result in a significant capability upgrade, which is expected to place the company in an industry leading position and expand its market reach. CFOAM is now concentrating its efforts to achieve the objectives of the DOE project that will result in a significant upgrade to current production.

Research trials have begun after commissioning of the continuous kiln which occurred in December 2021. The initial phase targets the production of carbon foam panels. Significant progress has been made towards one of the project's major milestones (manufacture of a 1 x 18 x 18 inch carbon foam panel at atmospheric pressure through a continuous kiln), as shown by the pictures below. This proof-of-concept indicates that, under the right conditions, carbon foam can be manufactured continuously at atmospheric pressure. This takes the manufacture of a carbon foam panel from days to hours. Work continues on refinement of the production process and consistent production of CFOAM panels.

## ASX ANNOUNCEMENT

16 March 2022



Aggregate forming equipment continues to be delivered and are scheduled to be installed and commissioned within Q2, ready for the next phase of research.



*This ASX release has been approved for release by Gary Steinepreis on behalf of the Board of Directors*

*For further details, please contact:*

**Gary Steinepreis**

*Director*

E: [gsteinepreis@CFOAM.com](mailto:gsteinepreis@CFOAM.com)

**Todd Hoare**

*Director*

E: [thoare@CFOAM.com](mailto:thoare@CFOAM.com)

## **About CFOAM Limited**

CFOAM® products are an inorganic carbon material that is manufactured from coal, pitch or lignin feedstock. CFOAM® products manufactured in this process have a rigid foam structure, similar in appearance to pumice stone, but with entirely different properties. CFOAM® products are currently used across a wide variety of markets including composite tooling for the aerospace sector, energy absorbing applications and defence applications. Additional markets such as automotive applications for energy absorption and fire resistance are also expected to become significant to the Company over time.

CFOAM® products were developed to meet the growing demand for ultra-high-end performance engineering materials in the industrial, aerospace, military and commercial product markets.

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