Dow Italia (The Dow Chemical Company group), Whirlpool EMEA and Cannon-Afros are partners in the K-12 Project funded by LIFE the European Union's financial instrument supporting environmental and nature conservation projects.

K12 first unit prototype ready for next steps

LIFE K12 project is reaching the final steps of its prototyping phase. For the scaling up of the new cabinet concept, the first innovative unit prototype has been designed and realized with the novel K12 equipment. Such unit is representative of all the refrigerator models. The novel chemical formulation is developed by Dow and a dedicated K12 pilot plant is built by Afros. The prototypes unit is assembled and tested by Whirlpool. The novel technology allows to insulate the refrigerator with the same energy efficiency of today while using carbon dioxide as sole blowing agent, thus offering significant advantages on environmental footprint.

K12 Final Event @ Ecomondo

The K12 team is pleased announce the final event conference of Life K12 project organized by Dow Italia, Cannon-Afros and Whirlpool EMEA. The event will be located at ECOMONDO, the green technology expo organized in Rimini, on November 6th from 14:30 to 17:00. During the event, the final results of the project which uses carbon dioxide as blowing agent for an innovative polyurethane insulation foam, will be shown and discussed in view of their impact on environment, social community and industrial sustainability.

A welcome coffee will be offered, followed by the presentation of the project results. The event will continue with a round table hosted by LifeGate, with participants from various partners and Institutions.

News from our network....

- K12 partner participated to the mid-term event of LIFE Project MATHER: “Material and chemical monitoring: a business opportunity to increase competitiveness”.

- K12 scientific results were presented during the "12th International Symposium on Supercritical Fluids”. April 2018 (France).

....and forthcoming events

- K12 partners will take part to the ECCP Conference, October 2018 (TO, Italy).