



C4R

Carbon 4 Retail Refrigeration

Natural Technologies
for Sustainable Retail

The Life-C4R project is a 3-year (2018-2021) international marketing project that, thanks to Epta FTE Full Transcritical Efficiency system, will substantially contribute to **replacing HCFC and HFC greenhouse refrigerants with CO₂ in commercial refrigeration**, in a very simple, efficient and reliable way in any country, with any external temperature, allowing **10% energy and 20% installation and maintenance savings**.



It is part of
the **European
programme LIFE17**
that includes a
numerous array of
projects to combat
climate change

SIMPLE
GLOBAL
INDUSTRIAL
RELIABLE

The heart of the project is the **FTE system technology** in its 2.0 version, that allows to fully replace old refrigerants with CO₂, a **natural, non-toxic and non-flammable fluid**, in a simple, efficient and reliable manner, in any climate situation anywhere in the world.

In the 2.0 version, the **FTE Full Transcritical Efficiency** is fully integrated in the power pack thus requiring no extra space in the technical room and further reduced installation and startup times.

ETE Extreme Temperature Efficiency is the new Epta technology that complements FTE to further enhance the efficiency of CO₂ in the warmest climate conditions, designed to operate also with one temperature stage systems and industrial refrigeration.

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www.carbon4retail.eu