



multi PACK

**STANDARDISED INSTALLATION
PACKAGES INTEGRATING
RENEWABLE AND ENERGY
EFFICIENCY SOLUTIONS FOR
HEATING, COOLING AND HOT
WATER PREPARATION**

Demonstrate that integrated CO₂ refrigeration units **can outperform HFC-units** both **cost** wise and regarding **energy efficiency**

Give confidence to South European supermarket, hotel and other high-energy demanding buildings **owners** that MultiPACK units give them lower cost of ownership and are a safe investment.

The roll-out of new energy efficient plug-and-play units **reduces the specific energy consumption by more than 25%.**

MultiPACK is an EU project to develop and demonstrate the next generation of standardised integrated cooling & heating packages for commercial and public buildings based on environment-friendly carbon dioxide (CO₂) vapour compression cycles, including the state-of-the-art energy performance boosting technology combined with energy storage modules.

Six remotely controlled and monitored demonstration sites:

● **3 supermarkets** in Portugal

● **3 other high-energy** demanding buildings at several South-European locations.



www.ntnu.edu/multipack



European
Commission

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MultiPACK: new integrated packs providing refrigeration/space cooling & heating with high levels of indoor comfort and sanitary hot water demand. MultiPACK is still looking for potential test sites.

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