

Adopting sustainable RAC technologies in MENA and Türkiye

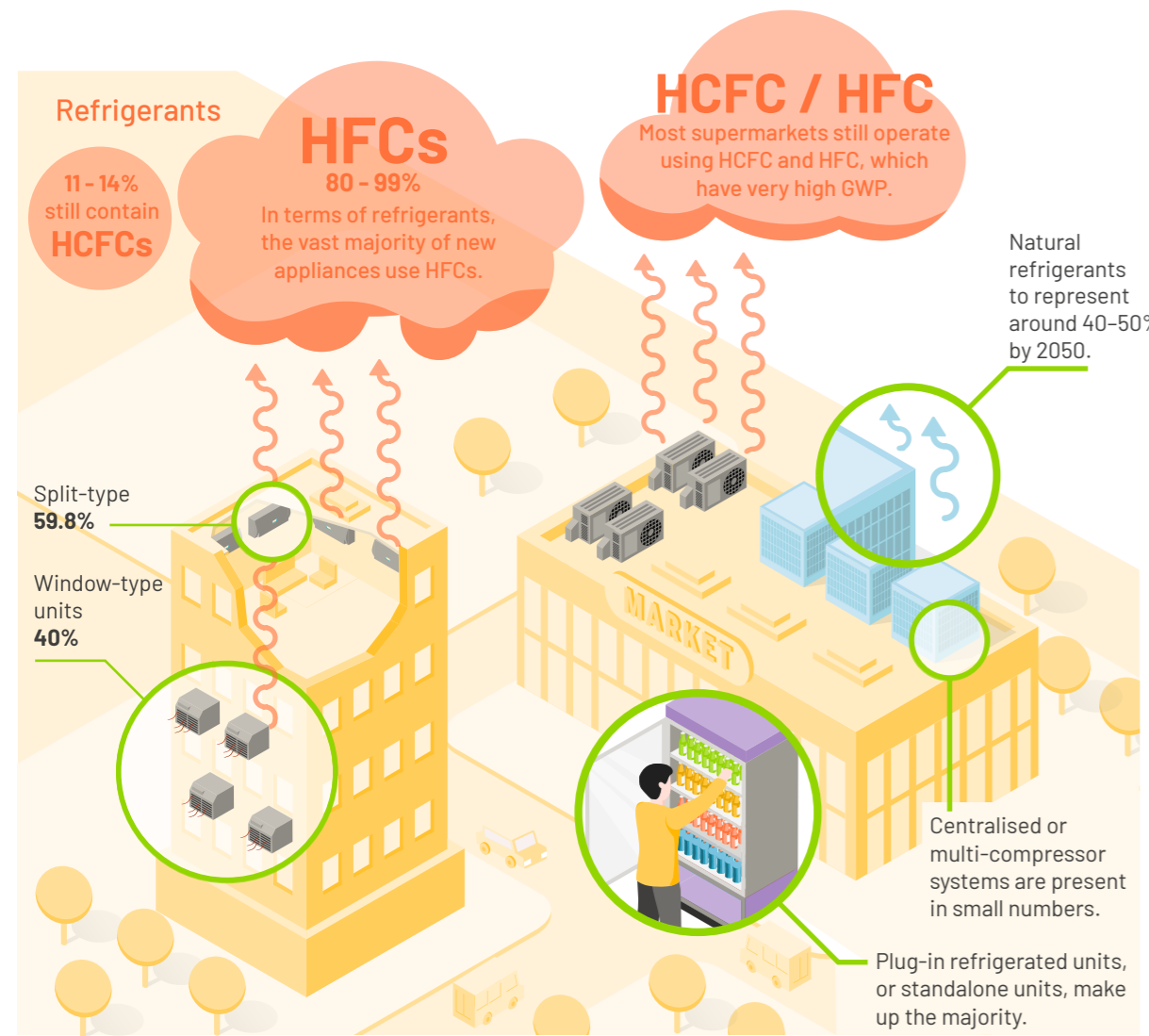
Commonly-available technologies

Air conditioning

Over the last three years, there's been a markable shift in the region away from HCFCs.

Commercial refrigeration

Enhanced visual merchandising is driving an increased demand for refrigerated display cases.



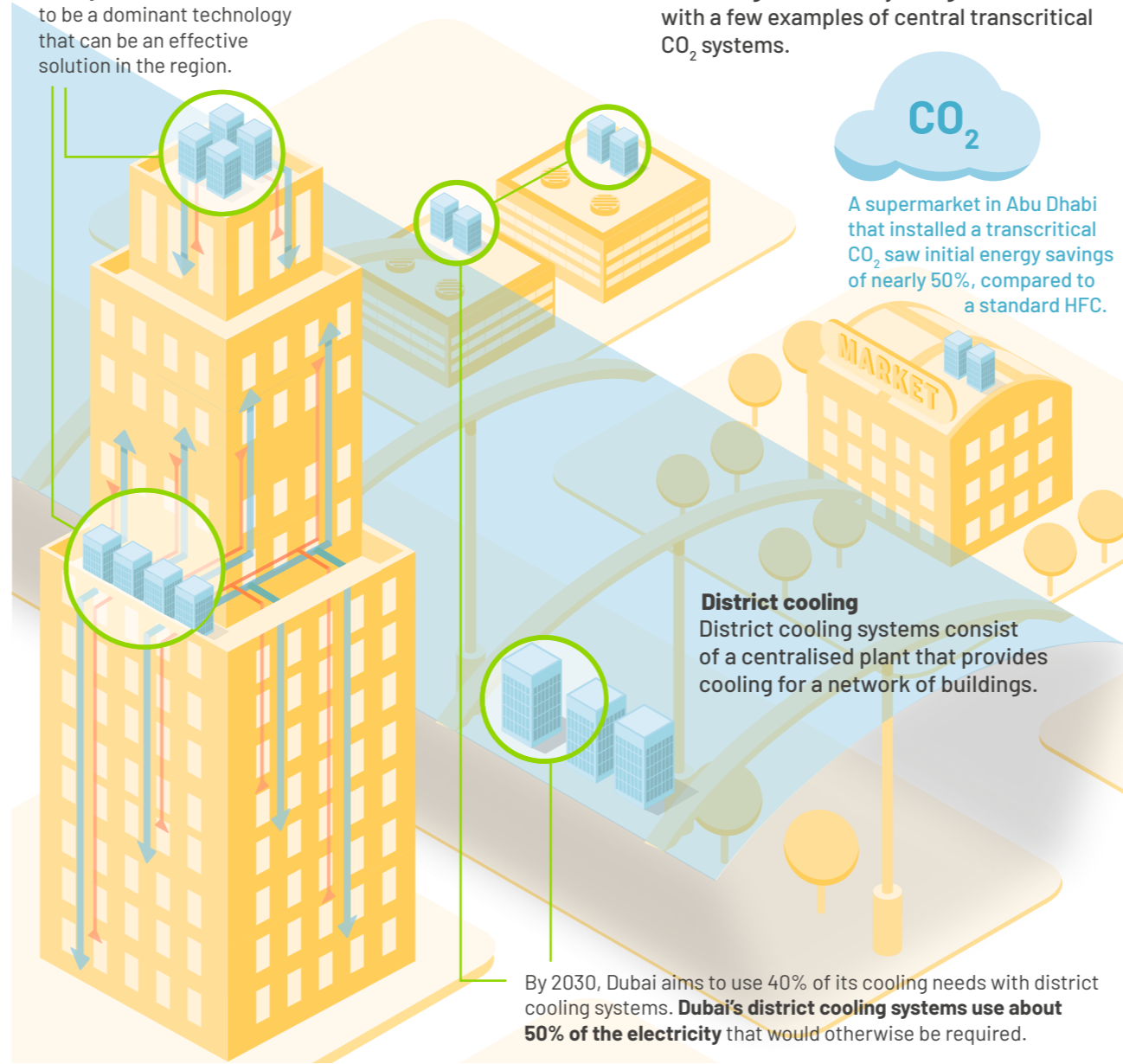
Best available technologies

Air conditioning

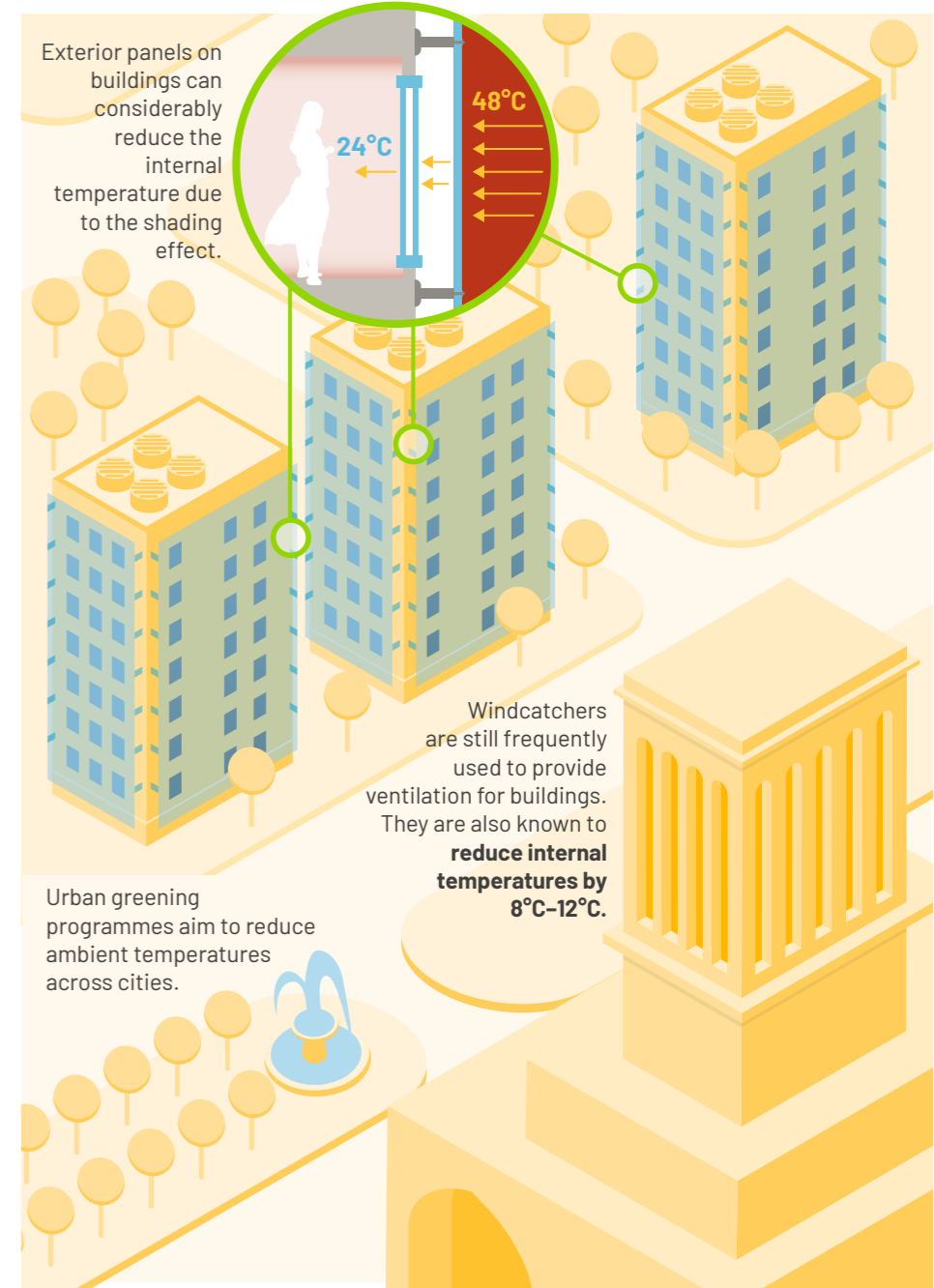
VRF systems are considered to be a dominant technology that can be an effective solution in the region.

Commercial refrigeration

Regionally, sustainable refrigeration technologies are slowly being introduced, with a few examples of central transcritical CO₂ systems.



Passive cooling solutions



Developing a local and regional supply chain

Strengthening local and regional supply chains for sustainable cooling technologies can help overcome adoption barriers.



Local manufacturing and distribution can reduce transportation costs and import expenses.



Job creation and economic development are other benefits of a more localised supply chain.

In terms of refrigerants the vast majority of the refrigerants used across MENA and Türkiye, particularly F-gases, are imported.

REGIONAL SPOTLIGHT

Achieving environmental sustainability and industry excellence in Türkiye

Türkiye aims to enhance its environmental standards and ensure sustainable development.



Türkiye has become a significant manufacturing and export hub.

Türkiye is working to reduce its GHG emissions to comply with EU climate policy. It also updated its national F-gas regulation to align with EU standards.