

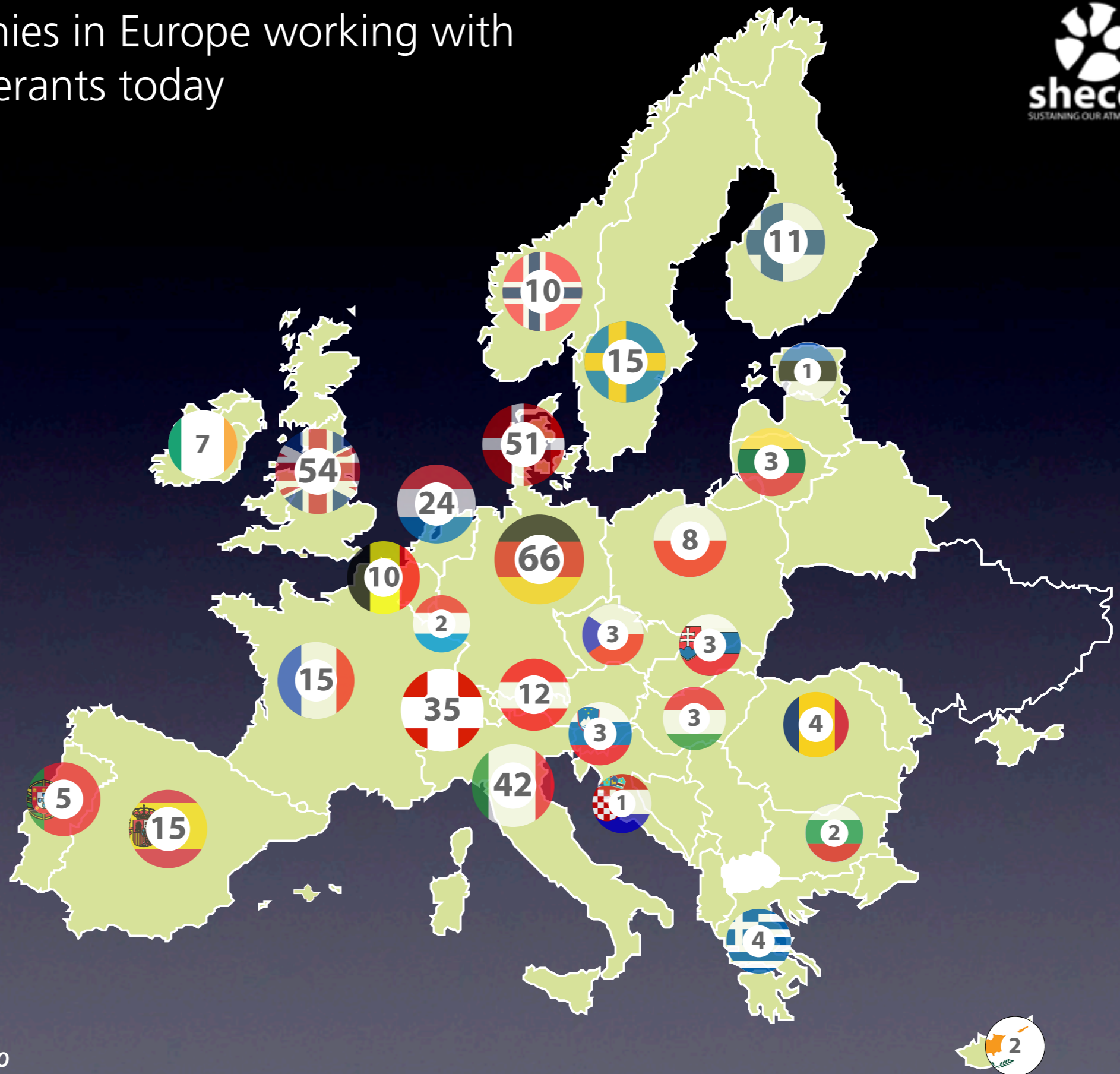


WELCOME SPEECH
by Marc Chasserot,
Chairman, ATMOSphere Europe 2013
Managing Director, shecco



“Be ambitious”
growing market for
your solutions

400+ companies in Europe working with natural refrigerants today



Source: shecco



NATURAL REFRIGERANT COMMERCIAL AVAILABILITY, 2013 - 2025



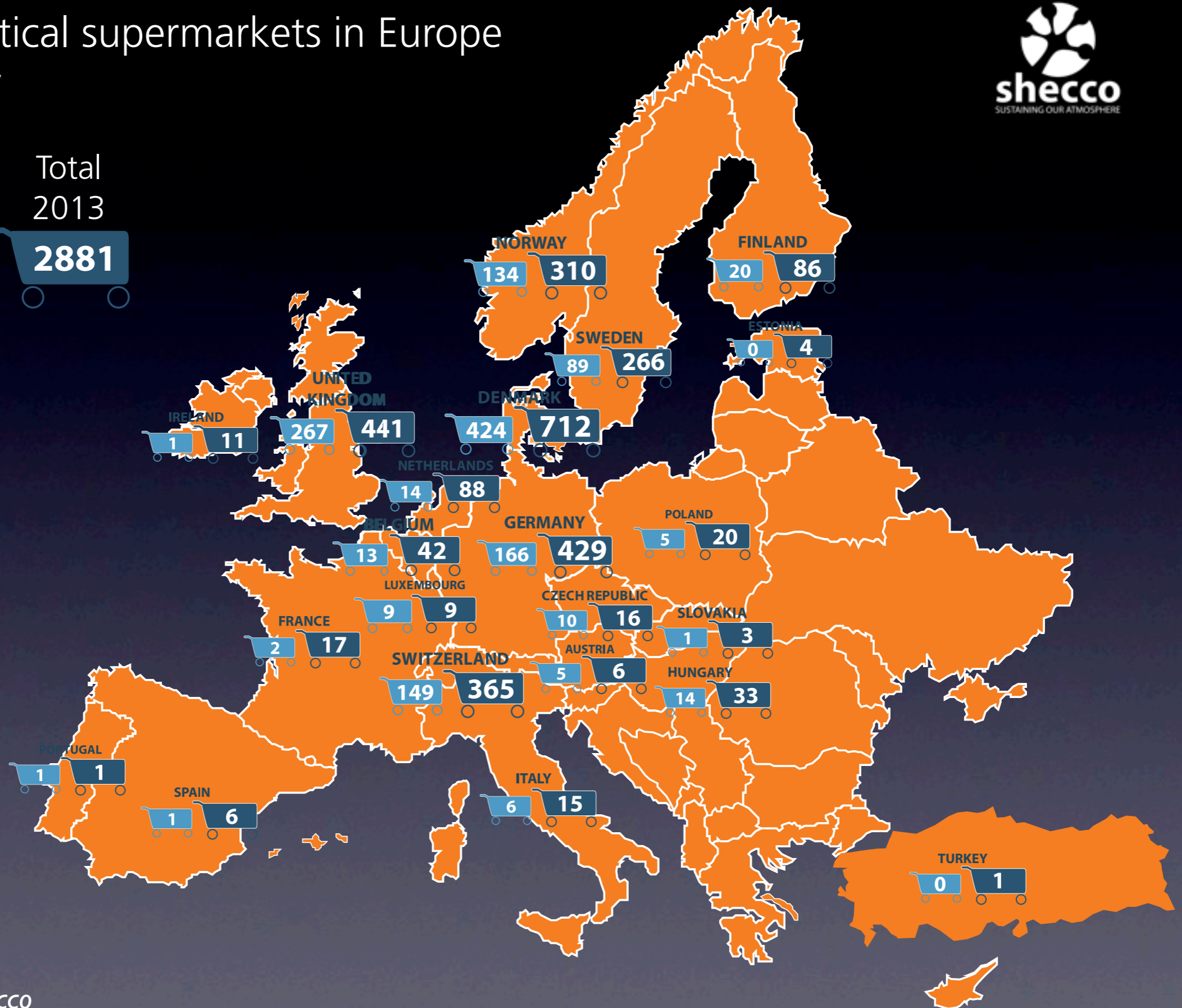
commercially available in all EU
 semi-commercially available
 commercially not available yet

REFRIGERATION	TODAY	2015	2020	2025
Domestic refrigeration	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Stand-alone units	Semi-commercially available	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Condensing units	Semi-commercially available	Semi-commercially available until 2018	Commercially available in all EU	Commercially available in all EU
Centralised systems	Semi-commercially available	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Small industrial refrigeration	Semi-commercially available	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Large industrial refrigeration	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Road transport refrigeration	Commercially not available yet	Commercially not available yet until 2017	Semi-commercially available	Commercially available in all EU
Container refrigeration	Semi-commercially available	Semi-commercially available until 2017	Commercially available in all EU	Commercially available in all EU

AIR-CONDITIONING	TODAY	2015	2020	2025
Movable room AC	Semi-commercially available	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Split AC	Semi-commercially available	Semi-commercially available until 2018	Commercially available in all EU	Commercially available in all EU
Multisplit/ VRF AC	Semi-commercially available	Semi-commercially available	Semi-commercially available	Semi-commercially available
Rooftop AC	Semi-commercially available	Semi-commercially available	Commercially available in all EU	Commercially available in all EU
Displacement chillers	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU	Commercially available in all EU
Centrifugal chillers	Commercially not available yet	Commercially not available yet until 2018	Semi-commercially available	Commercially available in all EU
Heat pump water heaters	Semi-commercially available	Semi-commercially available until 2016	Commercially available in all EU	Commercially available in all EU
Heat pumps for space and water heating	Semi-commercially available	Semi-commercially available until 2018	Commercially available in all EU	Commercially available in all EU
AC in cargo ships	Semi-commercially available	Semi-commercially available	Semi-commercially available	Commercially available in all EU

CO₂ transcritical supermarkets in Europe

data by country



Source: shecco

suppliers and retailers. Feel free to contact us to add your data to tl

CO₂ cascade supermarkets in Europe data by country



Total
CO₂/HFC

1568

Total
CO₂/NH₃

16



Source: shecco



ATMO
sphere
solutions for europe

natural refrigerants