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Costco Wholesale Challenging Australia

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Costco Wholesale Australia

Costco Wholesale

Membership Warehouse Club

Commenced operations 1976 in San Diego, CA

Grown to be the 2nd largest Global retailer

729 Locations Worldwide with sales for the 2016 financial year \$118.7B

Code of Ethics

1. Obey the law
2. Take care of our Members
3. Take care of our Employees
4. Respect our vendors
5. Reward our shareholders

Sustainability Commitment

Costco Wholesale Australia

Commenced operations in Docklands VIC, Aug 2009

Commenced fuel operations Crossroads NSW, Nov 2013

Eight locations, +\$1.5B turnover

Ninth location under construction, Marsden Park NSW

Existing Facilities mix of HFC (134a, 404a, 407f) and CO₂ cascade

Typical warehouse refrigeration 1MW THR

Costco Natural Refrigerants

Distribution Facilities – NH₃

Australian First for Costco Warehouses – CO₂ LT cascade, 134a MT

Transcritical CO₂, two 2016, four planned later this year – Canada

2017 Marsden Park, NSW – CO₂ LT cascade, 134a MT

2018 Epping, VIC – low charge NH₃/CO₂

HFC Phase Down

Costco Challenges

Manufacturers unwilling to supply Costco in AU

Knowledge/training on CO₂ insufficient/inconsistent across AU/US

NH₃ considered industrial not commercial

Public perception of NH₃

Govt wants phase down of HFCs and yet does not deregulate NH₃ WHS

High capital cost of natural refrigerant systems



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Thank you very much!

