

## let's feel good

#### THE BOOTS JOURNEY

NATURAL REFRIGERANT FOR FOOD REFRIGERATION

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# INTRODUCTION - BOOTS

A member of Walgreens Boots Alliance

A health (nutrition) and beauty retailer

WBA: Established in 2014 following merger

Nutrition is a vital revenue stream



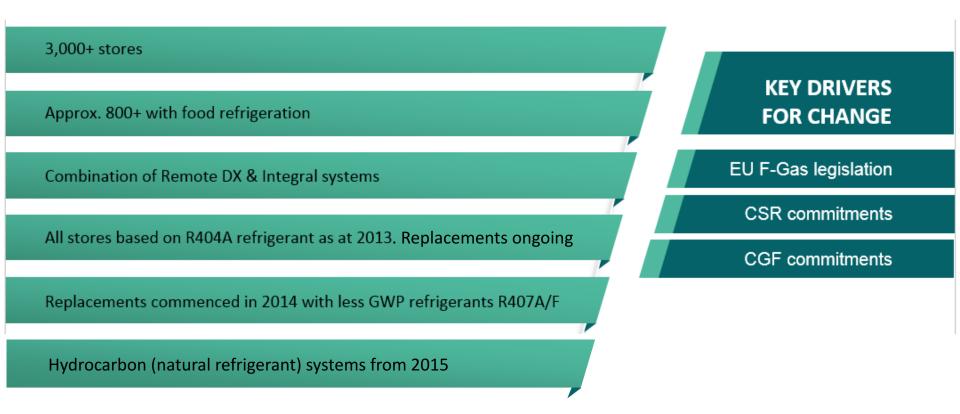


"A journey of a thousand miles begins with a single step"



#### **OVERVIEW OF BOOTS FOOD REFRIGERATION PORTFOLIO**

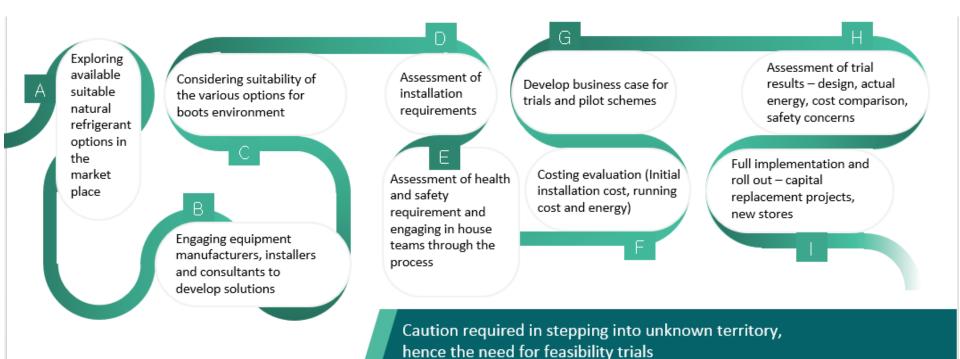






#### **STRATEGY & APPROACH**







#### IMPLEMENTATION OF TRIAL & PILOT SCHEMES



Integral (self-contained) system based on R1270 (propylene)

Trial carried out in 2015. Full implementation and change of specification in 2017 Remote DX CO2 system

Pilot scheme developed – implementation plan for 2017/18 Remote hydrocarbon chilled water-pumped glycol system – direct cooling

Pilot scheme developed – implementation plan for 2017/18 Remote hydrocarbon chilled water-pumped glycol system – R1270 cooling

Pilot scheme developed – implementation plan for 2017/18



# CHALLENGES, OPPORTUNITIES & BENEFITS



Future compliance: EU legislation and Montreal protocol

Integral (self-contained systems) cost neutral

Environmentally friendly – reduction in overall carbon footprint for the business

Opportunity for integration with HVAC for additional energy benefits

Growing awareness of technology - mitigating safety concerns

Opportunities for development and innovation amongst manufacturers and installers. Further reduction in capital cost required

Energy efficiency vs. HFC 407A/F remains a challenge for capital investment







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#### **THANK YOU VERY MUCH!**

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