

Ag Excellence Alliance Forum

August 9th 2021



BOORTMALT
AXKEREAL GROUP

Key Figures

1st Global Maltster

3Mt of Malt Produced

5 Continents

27 Malting plants

1000 Masters of Malt

25 Nationalities

BOORTMALT
AXERREAL GROUP



Footprint



-  Headquarters
-  Innovation center
-  Malting Plant
-  Laboratory
-  Business Offices

CANADA

Biggar, CA   Saskatoon, CA

Minneapolis, USA  Sheboygan, USA

U.S.A.

ARGENTINA

Punta Alvear, AR  

Buenos Aires, AR 

Bahia Blanca, AR 

Addis-Abeba, ET  Debre Birhan, ET

ETHIOPIA

Tokyo, JP

JAPAN

AUSTRALIA

Perth, AU 

Cavan, AU 

Tamworth, AU 

Sydney, AU 

Port Adelaide, AU 

Delacombe, AU 

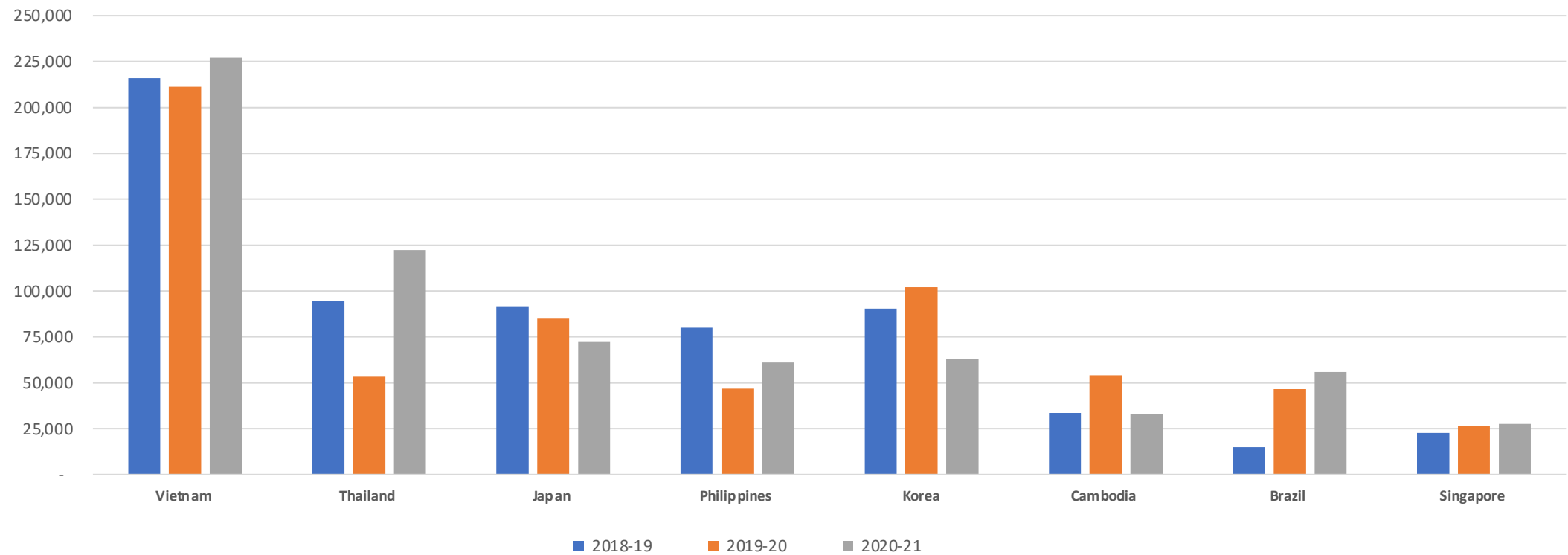
Melbourne, AU 

Devonport, AU 

BOORTMALT WORLD

Global Malt Markets

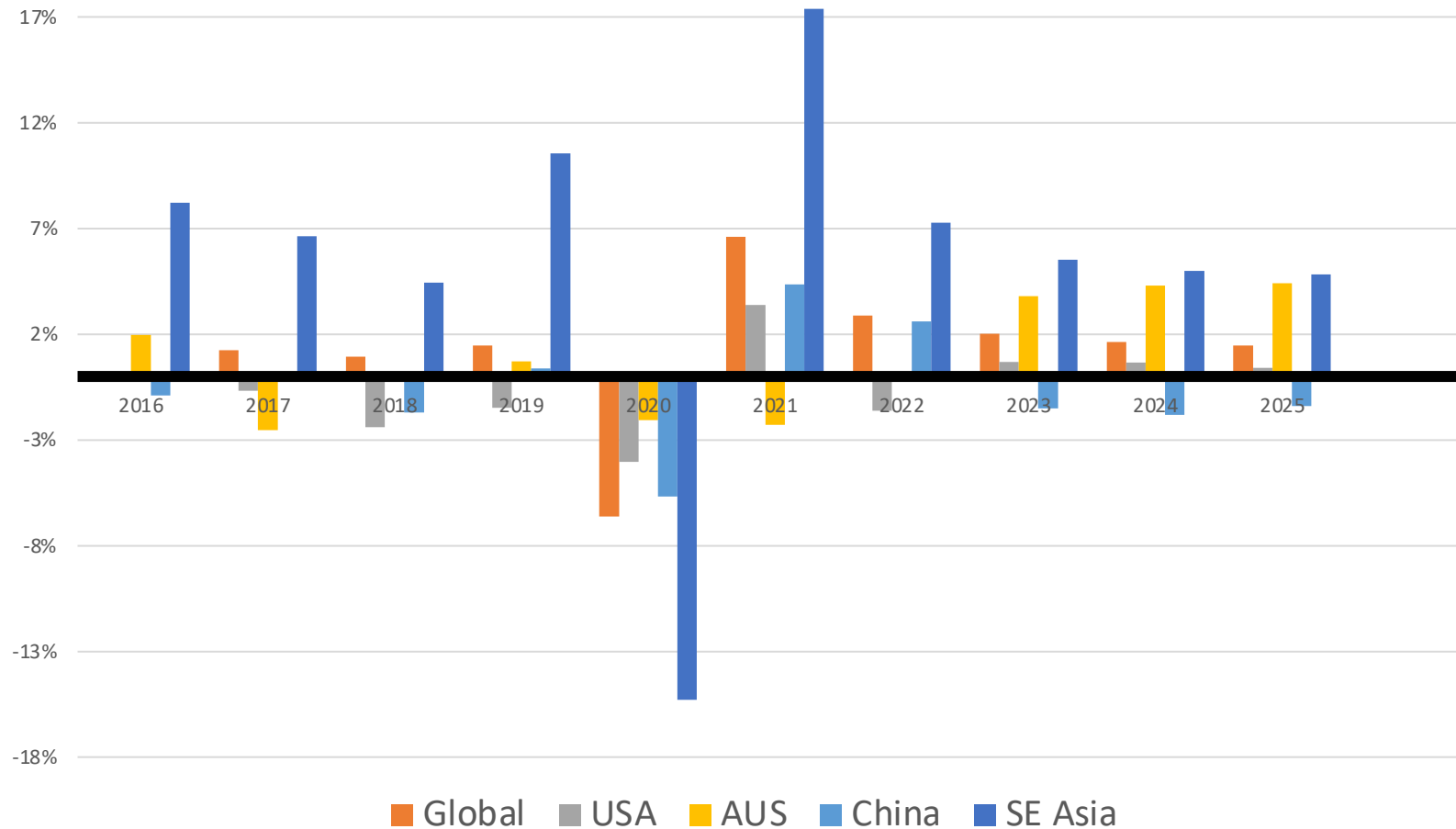
Australian Malt Exports (MT) by Destination



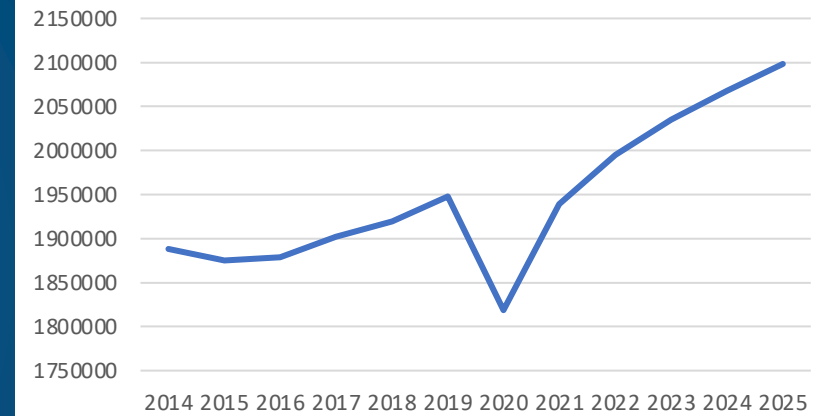
Global Malt Markets

Brewers are demanding quality barley to produce quality beers

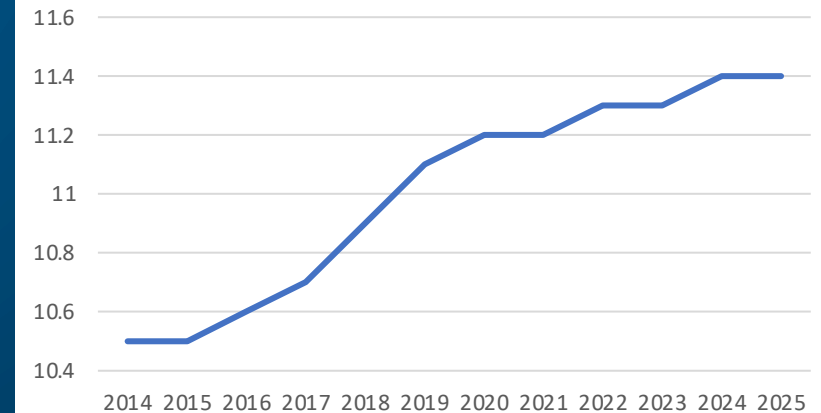
YoY Market Growth Since 2014



Total Beer Production '000 hl



Average Malt Inclusion kg/hl



BOORTMALT SUSTAINABILITY GOALS

April 2021

BOORTMALT
AXEREA GROUP



SUSTAINABILITY CORE OBJECTIVES



Boortmalt local sourcing programs contain and promote continuous **improvement of farming practices and methodologies** which enhance financial profitability and are environmentally sound and beneficial to the local communities.



We continuously raise awareness on water conservation and focus on all possible ways to **optimise the efficient use of water** and, where possible, the **re-use of treated wastewater**.



We have the ambition to meet the goals of the Paris agreement by **reducing our carbon footprint** through investing in alternative energy, reducing our need for energy, sourcing renewable energy and working with our providers and farmers to get to **carbon neutral malting barley**.



Together we become one of the safest places to work, by promoting an **open and proactive Health & Safety culture** with the full involvement of our people and stakeholders and a strong and visible leadership.

30-31 Targets vs 20-21 baseline



Sustainable farming



100% SAI or equivalent certified farms in Europe and 50% in all other regions



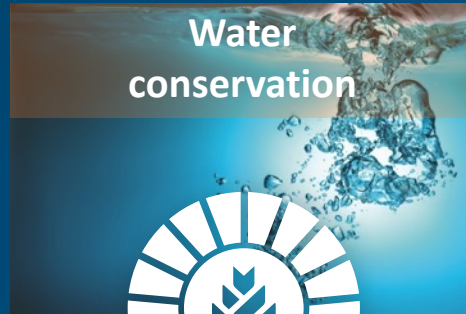
50% dedicated carbon measured supply chains.



25% regenerative farming.



5% niche carbon neg farming



Water conservation



Continue on our path of - **50%** => < 2 m³ water per MT/Malt.



Work with **local communities** in high risk areas.



Energy use efficiency & Emissions reduction



Aim for the **SBTi target** to keep global warming **below 1.5 C°** increase.



42% reduction in absolute emissions



50% renewable energy used.



25% 0-emissions farming.



25% reduced logistics emissions.



Health & Safety



Group Safety target of **"0"** harm.



Being recognised as the **safest place to work** in the industry.

SUSTAINABILITY SUPPORTING OBJECTIVES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

In view of minimising food waste we not only look at **optimising our yield** and that of the farmers, we also look for **alternative food chains** for our by-products and we aim for **0 landfill**.



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

We believe it is key to provide a fully **reliable, transparent and traceable view** on the road our malt travels from **the barley on the field to the malt** at the brewer or distiller.



13 CLIMATE ACTION

We are convinced that **strong and sustainable communities** are the basis for our future and that we, through partnerships and sponsorships can make a difference together.



5 GENDER EQUALITY

At Boortmalt we commit to conducting business in an ethical manner. **We all stand by our code of conduct** and we expect the same behaviour from our business partners.



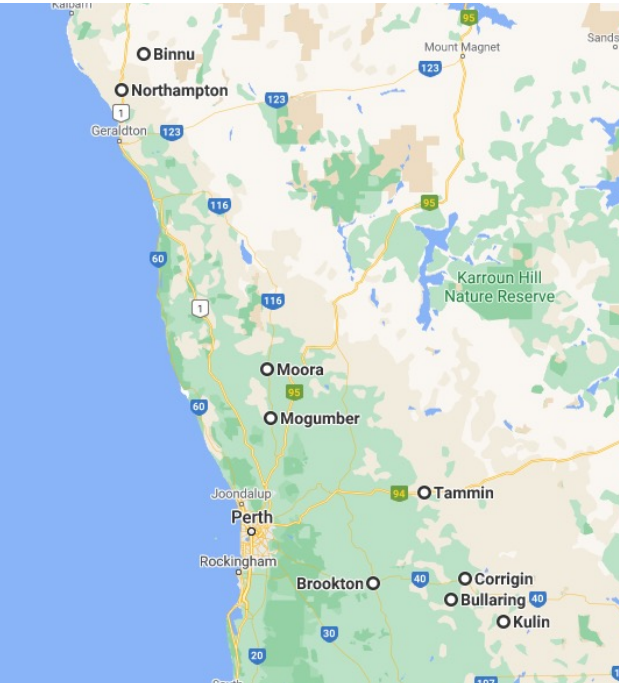
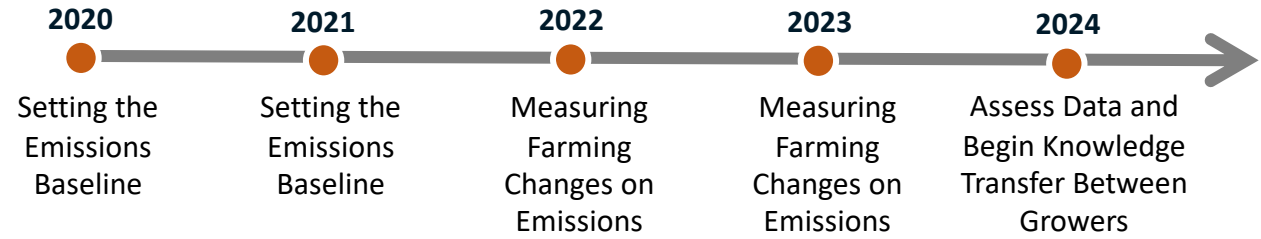
4 QUALITY EDUCATION

We strive to have an **inclusive and diverse workplace** where employees feel energised, respected and valued. Where skills, experiences, knowledge and creativity lead to great performance and drive our ambition to be the **Masters of Malt**.

SUSTAINABLE FARMING



2020/2021 We purchased approximately 120,000mt of ISCC Certified Barley, about 20% of our total usage.



Average Carbon Result			
Region	CO2 eq/Ha	National Average Yield/Ha	CO2 eq/tonne
ENG	-1212	5.8	-209
SCO	-3	5.9	-1
IRL	1240	7.5	165
CAN	80	3.5	23
ARG	-601	4.8	-125

Capture Farmer Emission

Started the roadmap (500+ farmers) to capture emissions, share best practices and work with farmers, co-ops and customers to reduce emissions



OBJECTIVES 2030:



100% SAI or equivalent certified farms in Europe and 50% in other regions.



50% dedicated carbon measured supply chains.

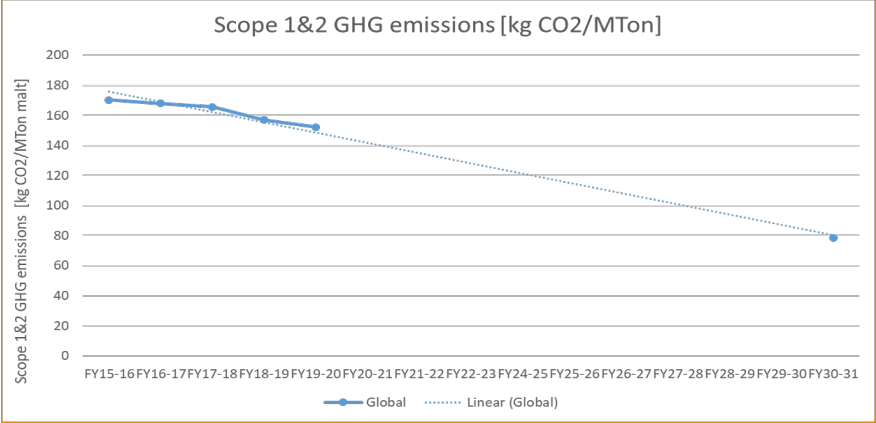


25% regenerative farming



5% niche carbon neg farming

ENERGY EFFICIENCY & GHG EMISSIONS REDUCTION



Aim for the **SBTi target** to keep global warming below **1.5 C°** increase

Issoudun France: Solar Panel Park
≈15,000 m², making it one of the worlds largest solar thermal power plant supplying an industrial site



Antwerp: Electric car policy
+ Solar Carpark to charge vehicles



France: Biomass Central



CDP SCORE REPORT - CLIMATE CHANGE 2020

Boortmalt	
Region	Europe
Country	Belgium
Questionnaire	Food, beverage & tobacco
Activity Group	Food & beverage processing

The CDP Score Report allows companies to understand their score and indicate which categories require attention to reach higher scoring levels. This enables companies to progress towards environmental stewardship through benchmarking and comparison with peers, in order to continuously improve their climate governance. Investors will additionally receive a copy of the CDP Score Report upon request. For further feedback please contact your account manager or your key CDP contact.

Your CDP score

B

Average performance

B-

Food & beverage processing

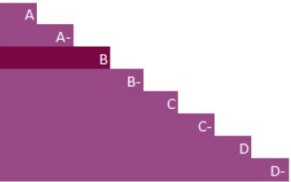
C

Europe

C

Global Average

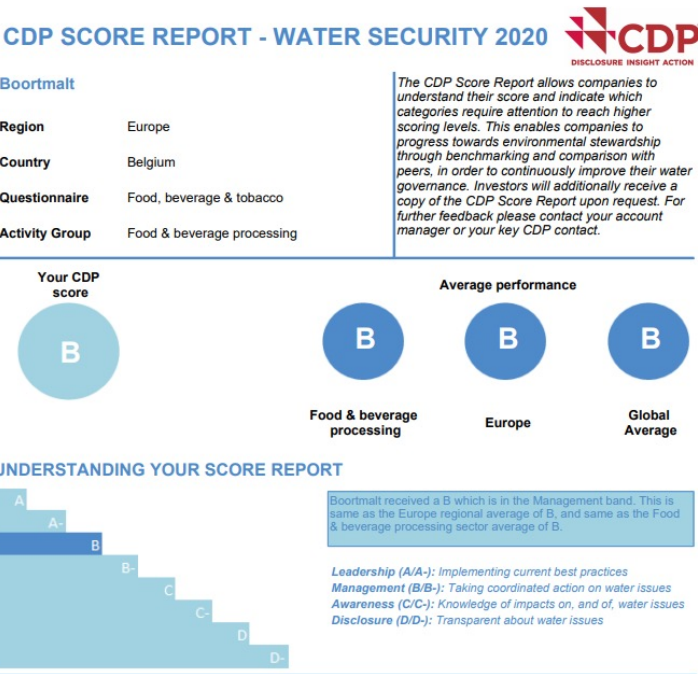
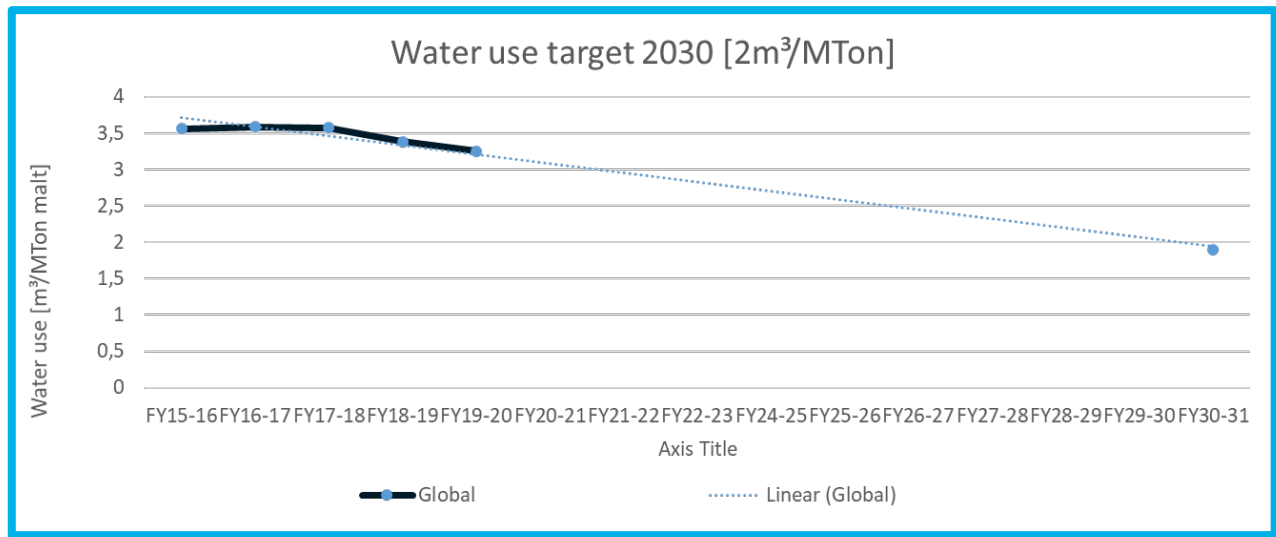
UNDERSTANDING YOUR SCORE REPORT



Boortmalt received a B which is in the Management band. This is higher than the Europe regional average of C, and higher than the Food & beverage processing sector average of B-.

Leadership (A/A-): Implementing current best practices
Management (B/B-): Taking coordinated action on climate issues
Awareness (C/C-): Knowledge of impacts on, and of, climate issues
Disclosure (D/D-): Transparent about climate issues

WATER CONSERVATION



Thank you

