



Brew a Better World 2030

EUROPE

 **HEINEKEN**

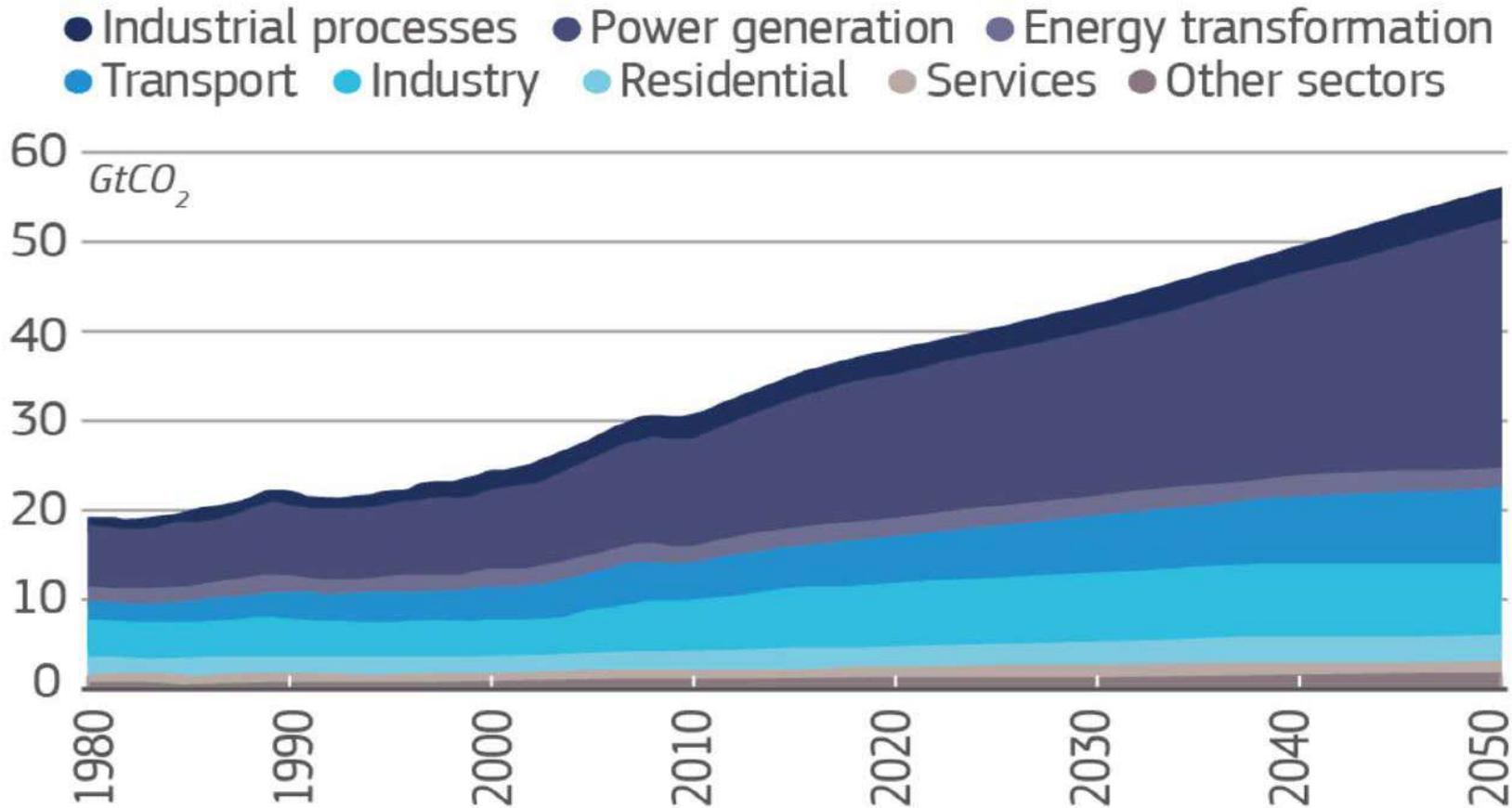


Brewing a Better World & Sustainable Development Goals (SDG)



By 2030, the world will be 1.5 degrees warmer than during pre-industrial times

Global CO2 emissions by source: Baseline, 1980-2050



Note: 'energy transformation' includes emissions from oil refineries, coal and gas liquefaction

Source: OECD Environmental Outlook baseline, 2011

GLOBAL WARMING at +1.5°C vs. +2°C

Paris Agreement aimed to limit warming to 2°C, further aimed for 1.5°C to preserve living conditions on Earth

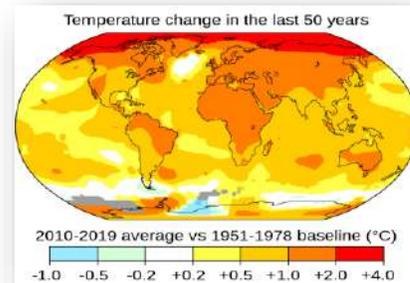
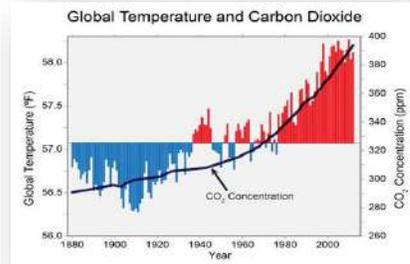
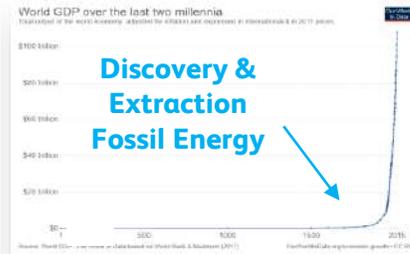
Access to fossil energies led to unprecedented emissions



Fossil energies emit green house gases (GHG); 75% of GHG comes from carbon dioxide



These emissions have led to global warming & climate change



COP26 in November will likely push nations to set climate goals against the 1.5°C scenario

- A planet 1.5°C warmer will allow life to proceed similar to today

At 2°C, the world as we know it will no longer exist

- Food stability impacted by longer and more frequent draughts
- Rising sea levels will threaten coastal countries
- Increased wildfires as experienced in California, Siberia, Australia
- Higher risk of transmission of contagious diseases
- US, China, Europe could lose nearly half of their economy by 2100

A common view is emerging from key nations: Maintaining global warming at 1.5°C is the priority

- EU and China have pledged carbon neutrality
- The US will unveil their climate strategy on 22nd of April



We aim for
carbon neutrality **in**
production by 2030 and
are the **first global brewer**
to commit to **full value**
chain carbon neutrality
by 2040

ENVIRONMENTAL

Reach carbon neutrality

- Net zero emissions in production by 2030
- Carbon neutral value chain by 2040, 30% absolute reduction by 2030
- 100% sustainable ingredients (hops, barley) by 2030

Maximise circularity

- Zero waste to landfill for all our production sites by 2025
- Turn waste into value and close material loops throughout the value chain – strategy & targets in development

Towards healthy watersheds

- Fully balance water used in our products in water-stressed areas by 2030
- Maximise reuse and recycling in water-stressed areas by 2030
- Treat 100% of wastewater of all breweries by 2023
- Reduce average water intake to 2.6 hl/hl in water-stressed areas, and 2.9 hl/hl worldwide by 2030

Foundation: our ways of working

SOCIAL

Embrace inclusion & diversity

- Gender balance across senior management: 30% women by 2025, 40% by 2030
- Cultural diversity: across each region at least 65% of country leadership teams are regional nationals by 2023
- 100% of our managers trained in inclusive leadership by 2023

A fair & safe workplace

- Fair wage for employees: close any gaps by 2023
- Equal pay for equal work: assessments and action by 2023
- Fair living and working standards for 3rd party employees by 2025
- Create leadership capacity to drive zero fatal accidents and serious injuries at work

Positive impact in our communities

- A social impact initiative in 100% of our markets every year
- Local sourcing of agricultural ingredients in Africa: 50% increase in volume by 2025

Respecting human rights

- Ongoing due diligence
- Good governance

RESPONSIBLE

Always a choice

- A zero alcohol option for 2 biggest strategic brands in each market by 2023
- Clear and transparent consumer information on 100% of our products by 2023

Address harmful use

- 100% of markets in scope have a partnership to address alcohol-related harm

Make moderation cool

- 10% of Heineken® media spend invested every year in responsible consumption campaigns, reaching 1 Billion consumers

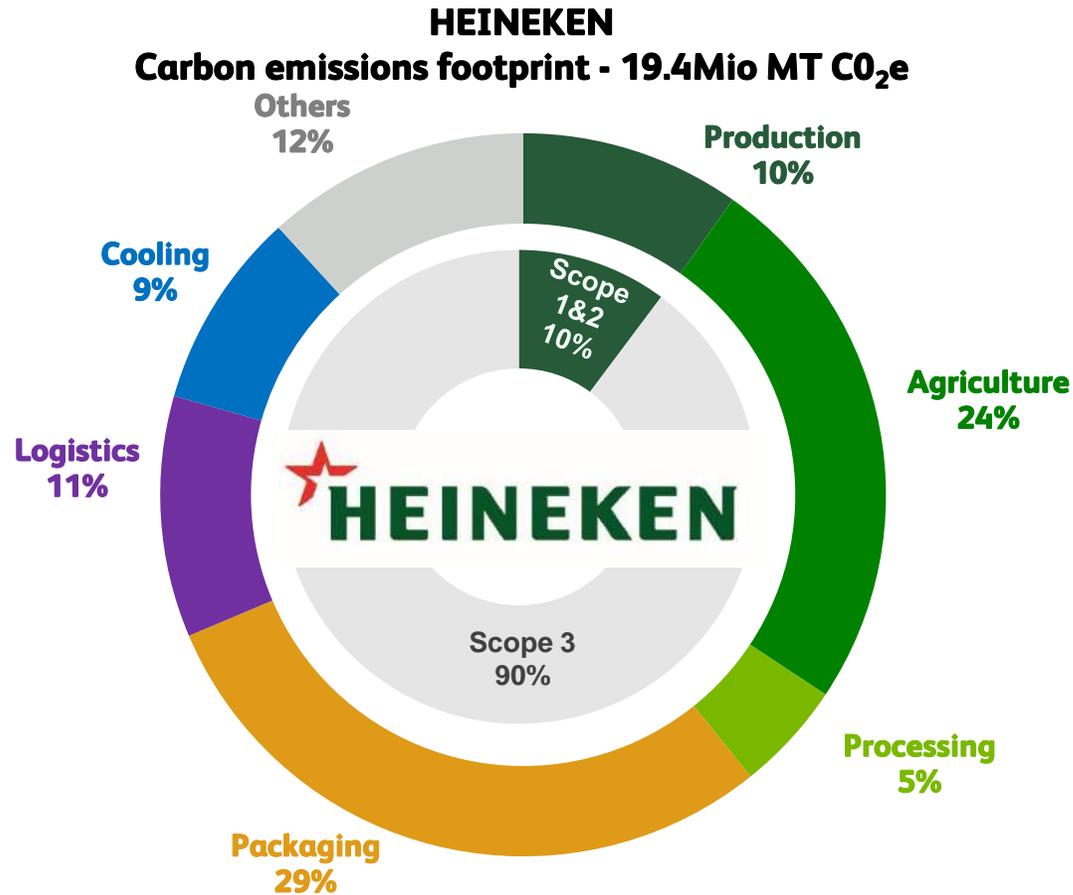
Responsible business conduct

- An effective Speak Up framework
- Anti-bribery and corruption



Our commitments

HEINEKEN'S CARBON FOOTPRINT AND NET ZERO JOURNEY



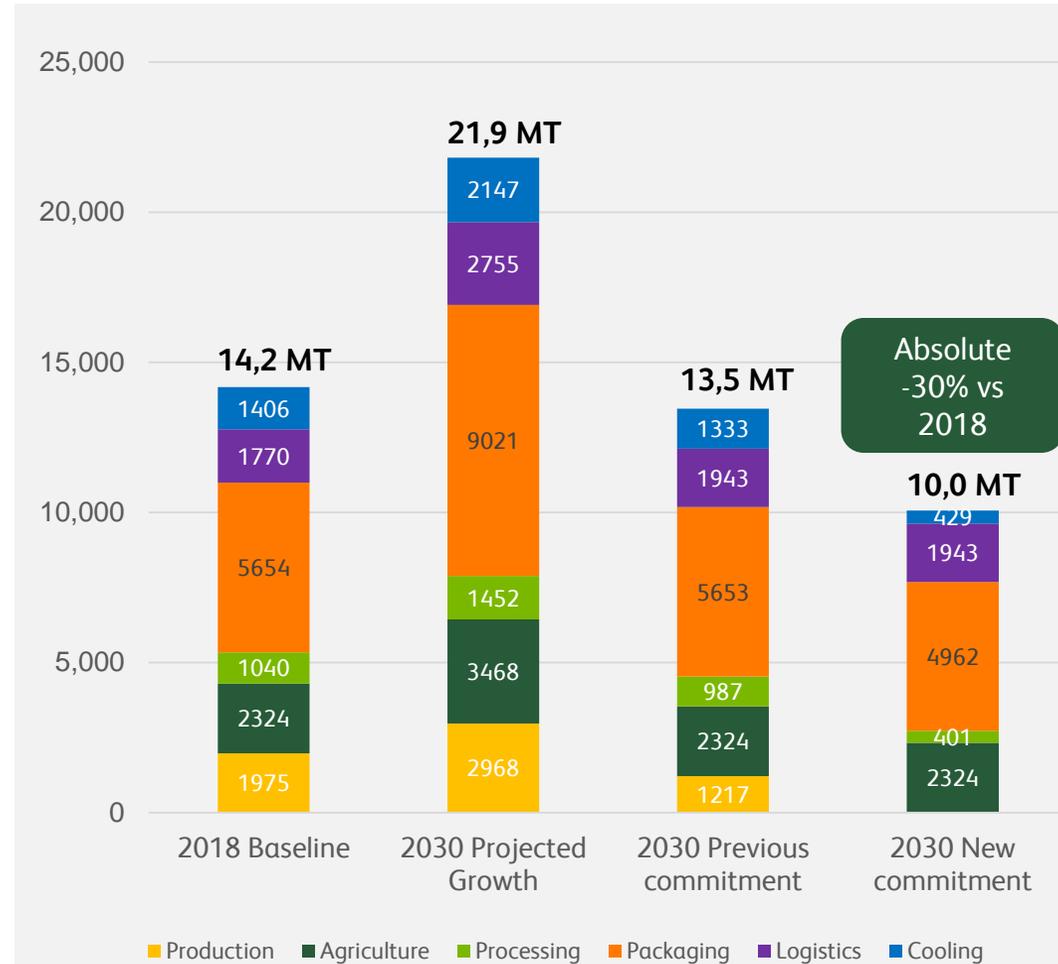
Scope 1 Own production of electricity and thermal energy (heat)
Scope 2 Procuring electricity and thermal energy from 3rd parties
Scope 3 All other indirect emissions that occur in a company's value chain

We are targeting:

- Carbon neutral in our value chain by 2040
- -30% carbon emissions across value chain by 2030
- Net zero emissions in production by 2030

JOURNEY TO ACHIEVE OUR CARBON COMMITMENTS

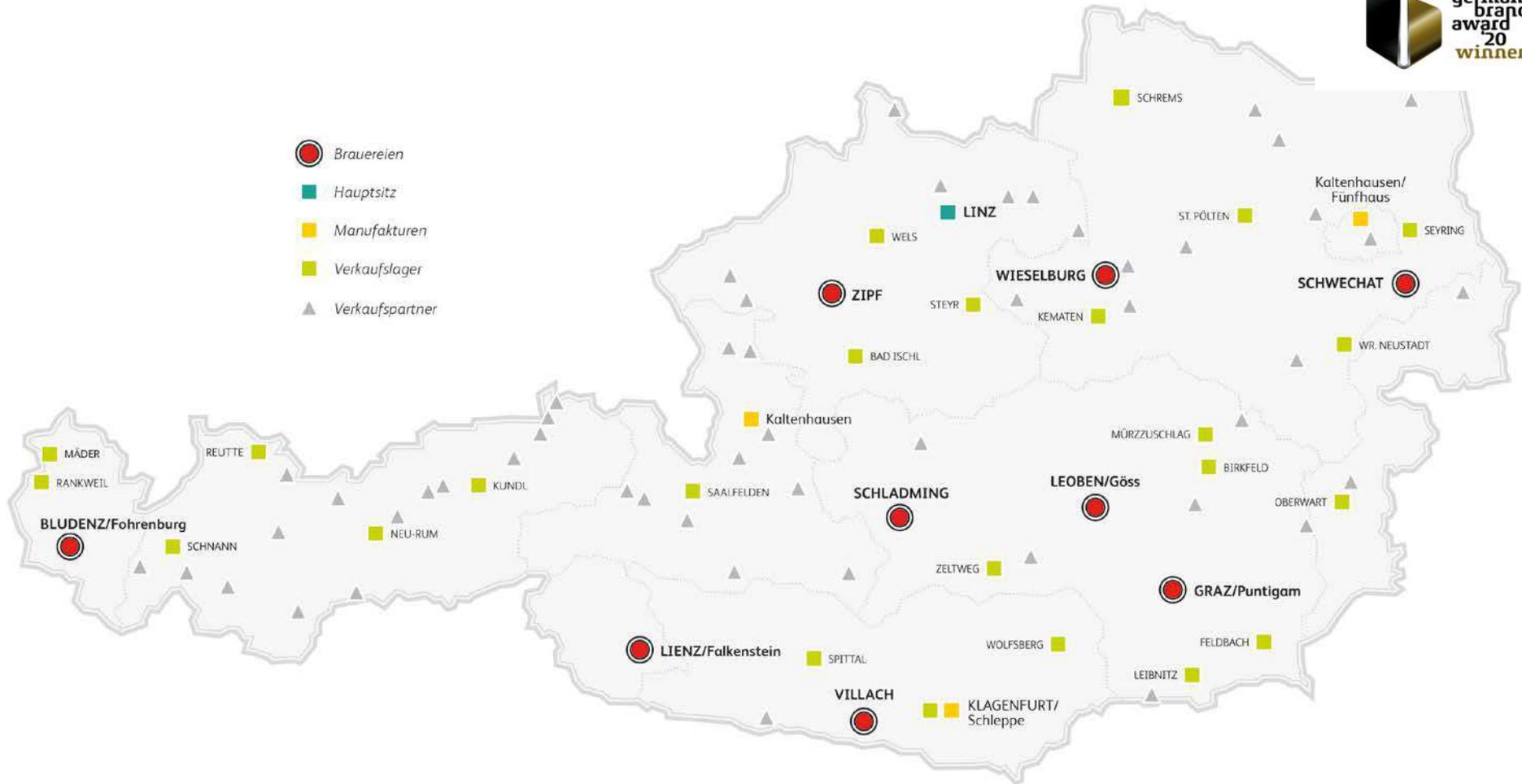
All our scopes will contribute to carbon reduction



- **Our 2030 decarbonisation strategy requires action in our own production and in our value chain**
- **Our production** will move toward net-zero by:
 - Doubling energy efficiency
 - Maximizing renewable energy in our production and owned malting plants
 - Taking a pragmatic approach on available solutions (e.g. energy certificates vs. power purchase agreements)
- **Our value chain** will move towards net-zero by:
 - Increasing efficiency with suppliers
 - Adopting renewable energy at raw material processing, packaging suppliers and customers
 - Innovating in new solutions such as ...
 - Low carbon farming practices in agriculture
 - Circular packaging
 - Low carbon transportation (e.g. electric trucks in cities)



Sustainable Corporate Brand of the Year 2020

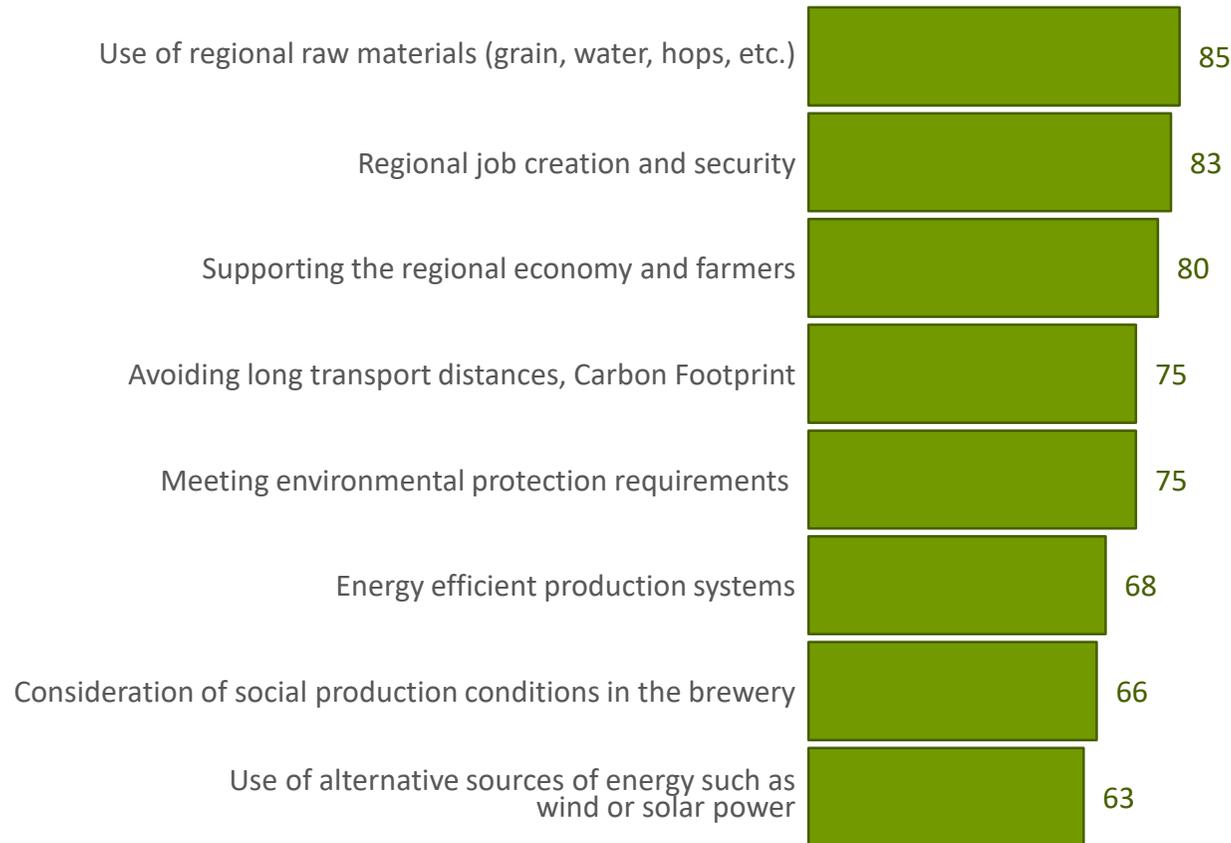




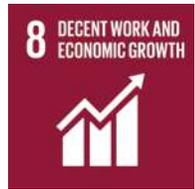
Sustainably brewed beer is important for 73 % of our consumers

Most important criterias for responsible and sustainable beer production

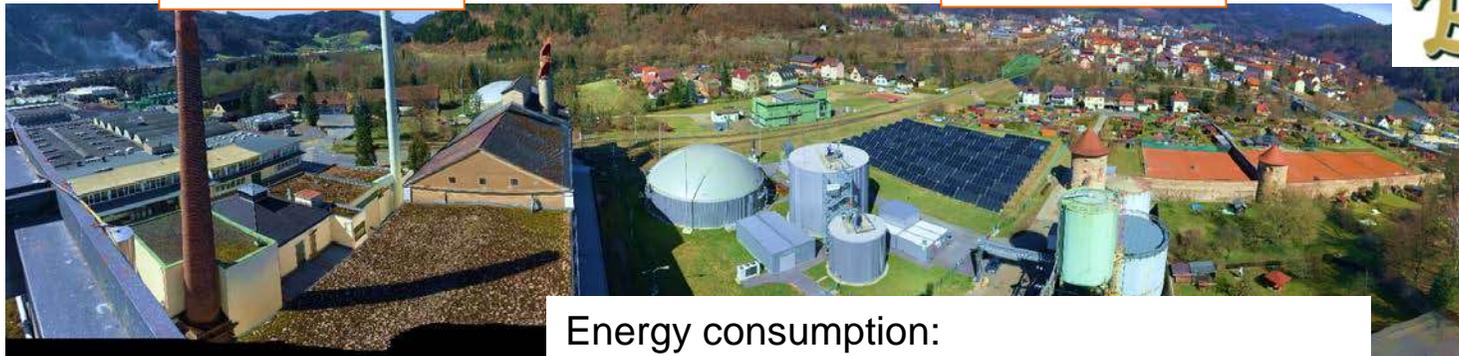
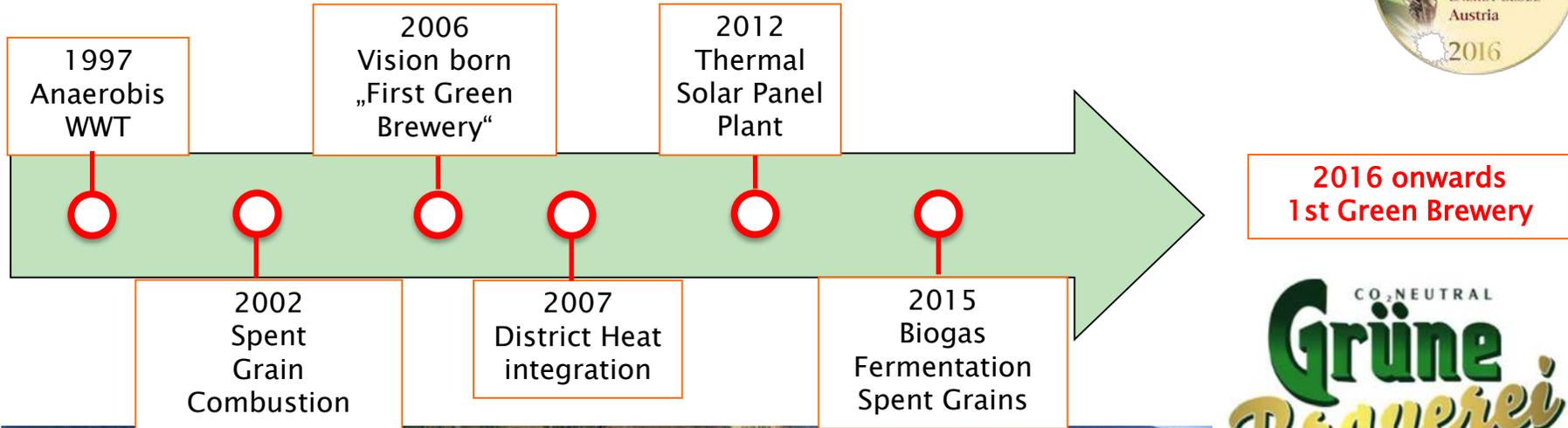
Austrians over 18 years



Green Brewery Göss – the first carbon-neutral brewery in the world



Green Brewery Göss, 160 years tradition, the race to zero

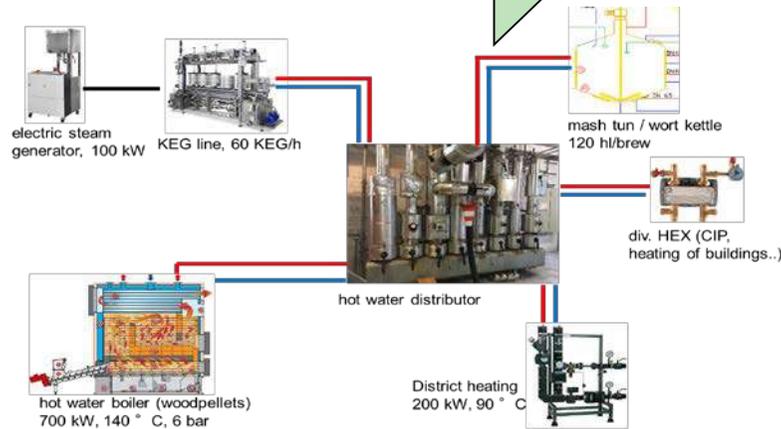
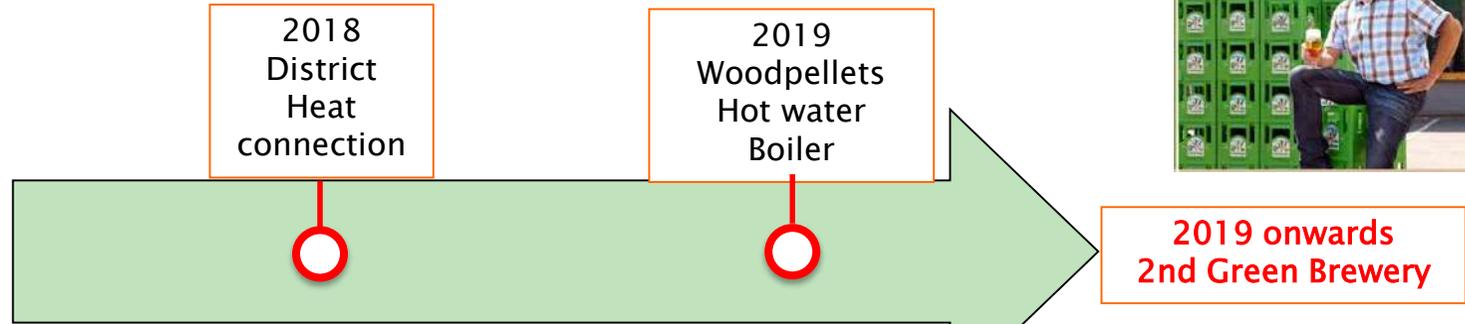


Energy consumption:
 7,600 MWh electrical energy
 81.5 Mio MJ thermal energy
 1.5 Mio hl production

Spent grains to biogas and solar energy



Green Brewery Schladming, 110 years tradition, the race to zero



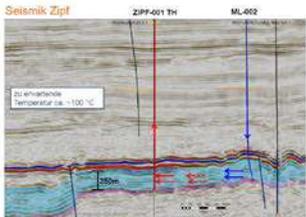
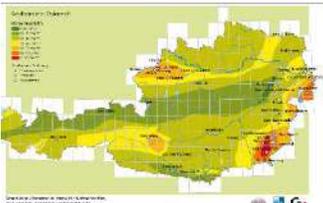
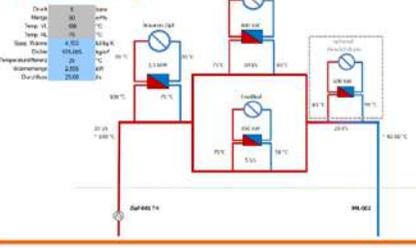
Energy consumption:
440 MWh electrical energy
4 Mio MJ thermal energy
35,000 hl production

Geothermie 2022

Unsere österreichische Bierkultur.



Hydraulisches Schema
Kaskadennutzung



PV 2020 Alc burner 2021 Hydropower 2023

PV 2022 District heat 2027



Zipfer
Zipf

Wieselburger
Wieselburg

Schwechater
Schwechat

E Trucks



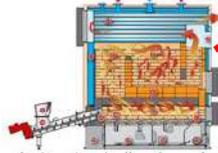
Concept WIP

Bludenz

Schladminger ✓
Leoben

Gösser ✓

Biomass Boiler PV Anlage



Gösser Lienz

Graz

PV 2020 Heat pump 2024



PV 2018 District Heat 2026

Villach

Plastik Agenda





www.brauunion.at