



KRISHGEN BIOSYSTEMS Climate Report

The purpose of the report is to increase the understanding of what is driving the company's greenhouse gas emissions, set targets to reduce these emissions, and ensure transparency and traceability on the journey towards net-zero.

Methodology

The emissions or greenhouse gas accounting is based on the Greenhouse Gas (GHG) Protocol's corporate and value chain standards (ghgprotocol.org).

The GHG Protocol defines emissions in three scopes:

- Scope 1 – The company's direct emissions from vehicles, combustion, processes, or leakages
- Scope 2 – The company's indirect emissions from energy purchased and consumed (electricity, heating, cooling).
- Scope 3 – Greenhouse gas emissions that occur upstream and downstream in the company's value chain, as a consequence of the company's operations. Examples of scope 3 emissions are purchased goods and services, transport, use and disposal of products, business travel and employee commuting.

Total greenhouse gas emissions are quantified in carbon dioxide equivalents (CO₂e), which take into consideration that different greenhouse gases (carbon dioxide, nitrogen oxides, methane etc.) have different global warming factors.

Introduction *

REPORTING YEAR *

2023

NUMBER OF EMPLOYEES IN THE REPORTING YEAR *

140

Commitment And Targets *

NET ZERO TARGET YEAR *

2030

BASE YEAR *

2023

COMMENT ON YOUR NET ZERO TARGETS

We aim to be zero emission company by 2023 with increased usage of renewable energy and reduction in plastics use.

NEAR-TERM SCOPE 1 TARGET *

30

TARGET YEAR *

2024

NEAR-TERM SCOPE 2 TARGET *

50

TARGET YEAR *

2026

NEAR-TERM SCOPE 3 TARGET

30

TARGET YEAR

2025

COMMENT ON YOUR NEAR-TERM TARGETS

Increased use of adoption of recyclable paper, reduced paper usage and plastics with increased use of renewable energy to reduce major electricity costs.



SCOPE 1 EMISSIONS



SCOPE 1 EMISSIONS (METRIC TONS CO2E) *

-

OWN FACILITIES *

N/A

OWN VEHICLES *

Not measured

OWN PROCESSES *

N/A

SCOPE 2 EMISSIONS



SCOPE 2 EMISSIONS (METRIC TONS CO2E) *

-

TOTAL ENERGY CONSUMPTION (KWH)

72000

RENEWABLE ENERGY

-

PURCHASED ELECTRICITY *

Not measured

RENEWABLE ELECTRICITY (%)

-

PURCHASED STEAM *

N/A

RENEWABLE ELECTRICITY (%)

-

PURCHASED HEATING *

N/A

RENEWABLE ELECTRICITY (%)

-

PURCHASED COOLING *

N/A

RENEWABLE ELECTRICITY (%)

-

COMMENT ON YOUR ENERGY CONSUMPTION

Electricity consumption purchased from power entities is the major energy usage and is a focus area for reduction and adoption of more renewable energy.

SCOPE 3 EMISSIONS

SCOPE 3 EMISSIONS (METRIC TONS CO2E)

Not measured

supply chain related - upstream emissions

PURCHASED GOODS AND SERVICES

N/A

CAPITAL GOODS

N/A

FUEL AND ENERGY RELATED ACTIVITIES

N/A

TRANSPORTATION AND DISTRIBUTION (UPSTREAM)

N/A

WASTE IN OPERATIONS

-

BUSINESS TRAVEL

-

EMPLOYEE COMMUTING

-

LEASED ASSETS (UPSTREAM)

-

customer related - downstream emissions

TRANSPORTATION AND DISTRIBUTION (DOWNSTREAM)

-

PROCESSING OF SOLD PRODUCTS

-

USE OF SOLD PRODUCTS

-

END-OF-LIFE TREATMENT OF PRODUCTS

-

LEASED ASSETS (DOWNSTREAM)

-

FRANCHISES

-

INVESTMENTS

-

IF YOU HAVE EXCLUDED OR HAVE NOT MEASURED ANY RELEVANT SOURCES OF VALUE CHAIN EMISSIONS, PROVIDE YOUR ESTIMATE OF THE % OF YOUR TOTAL EMISSIONS THAT IS REPRESENTED BY THESE SOURCES.

-

LIST ANY SOURCES OF EMISSIONS EXCLUDED:

-

DESCRIBE THE CALCULATION METHODOLOGY AND COMMENT ON ACCURACY:

-

TO REDUCE EMISSIONS IN LINE WITH MY COMMITMENT, MY COMPANY HAS A PLAN AND IS TAKING ACTION: *

Yes

SCOPE 1 ACTIONS

OWN FACILITIES

Yes

Adoption of renewable solar energy and reduce consumption of electricity purchased from outside power companies. Reduce usage of plastics and increase use of recyclable materials like paper and cardboards in our packaging.

OWN VEHICLES

Yes

switch from diesel owned cars to electric cars.

OWN PROCESSES

N/A

-

SCOPE 2 ACTIONS

PURCHASED ELECTRICITY

Yes

by increasing adoption of renewable solar energy.

PURCHASED STEAM

N/A

-

PURCHASED HEATING

N/A

-

PURCHASED COOLING

N/A

-



supply chain related (upstream)



PURCHASED GOOD AND SERVICES

No

-

CAPITAL GOODS

No

-

FUEL AND ENERGY RELATED ACTIVITIES

No

-

TRANSPORTATION AND DISTRIBUTION (UPSTREAM)

-

-

WASTE IN OPERATION

No

-

BUSINESS TRAVEL

No

-

EMPLOYEE COMMUTING

No

-

UPSTREAM LEASED ASSETS

No

-

customer related (downstream)



TRANSPORTATION AND DISTRIBUTION (DOWNSTREAM)

No

-

PROCESSING OF SOLD PRODUCTS

No

-

USE OF SOLD PRODUCTS

No

-

END-OF-LIFE TREATMENT OF PRODUCTS

No

-

LEASED ASSETS (DOWNSTREAM)

N/A

-

FRANCHISES

N/A

-

INVESTMENTS

N/A

-

I HAVE ASKED MY SUPPLIERS TO HALVE EMISSIONS BEFORE 2030 AND JOIN THE UN-BACKED RACE TO ZERO CAMPAIGN

No

I HAVE COMMUNICATED MY COMMITMENT AND ACTIONS TO MY BUSINESS CUSTOMERS AND ASKED THEM TO JOIN THE UN RACE TO ZERO

No

Climate Solutions

DO YOU CLASSIFY ANY OF YOUR EXISTING GOODS AND/OR SERVICES AS LOW CARBON PRODUCTS OR PRODUCTS THAT ENABLE A THIRD PARTY TO AVOID GHG EMISSIONS IN THEIR VALUE CHAIN, HERE NAMED "CLIMATE SOLUTIONS"?

No

WHAT PERCENTAGE OF YOUR TOTAL REVENUE COMES FROM SALES OF CLIMATE SOLUTIONS?

-

PROVIDE DESCRIPTIONS/NAMES OF YOUR CLIMATE SOLUTIONS:

-

METHODOLOGY USED TO ASSESS THESE AS CLIMATE SOLUTIONS:

-

THIRD PARTY WHICH HAS VALIDATED THE ASSESSMENT, IF ANY:

-

HOW MUCH OF YOUR RESEARCH AND DEVELOPMENT BUDGET IS ALLOCATED TO CLIMATE SOLUTIONS?

-

ARE YOU INVESTING IN CLIMATE AND/OR NATURE OUTSIDE YOUR VALUE CHAIN?

No

Management and strategy

IS RESPONSIBILITY FOR CLIMATE STRATEGY AND ACTION CLEARLY ALLOCATED AT EXECUTIVE & BOARD LEVEL? IF YES, DESCRIBE HOW AND TO WHICH POSITIONS.

Yes

COO

IS THERE BOARD LEVEL OVERSIGHT OF CLIMATE ACTION? IF YES, DESCRIBE HOW.

Yes

Half Yearly Meetings and review of COO report to the Mangement Board

HAVE YOU ANALYZED WHETHER YOUR STRATEGY, BUSINESS MODEL AND PRODUCT/SERVICE PORTFOLIO ARE ALIGNED WITH THE LATEST CLIMATE SCIENCE? IF YES, EXPLAIN IF/HOW IT FULFILLS THIS AMBITION OR HOW IT NEEDS TO BE TRANSFORMED.

No

-

DO YOU IDENTIFY, ASSESS AND MANAGE CLIMATE RISKS? IF YES, DESCRIBE HOW.

No

-

HAVE YOU INTEGRATED CLIMATE AND/OR NATURE INTO YOUR MISSION STATEMENT? IF YES, DESCRIBE HOW.

Yes

YEs, as per our Mission Statement and Vision Policy.

DO YOU CONTRIBUTE TO ACCELERATING CLIMATE ACTION IN SOCIETY E.G. BY INFLUENCING PEERS, GOVERNMENTS, EMPLOYEES, AND/OR ALIGNING YOUR MEMBERSHIP IN TRADE ASSOCIATIONS WITH YOUR MISSIONS TO HALVE EMISSIONS BY 2030?

No

-

Results, challenges and outlook *

COMMENT ON RESULTS: *

not applicable

DO YOU FACE ANY KEY CHALLENGES IN REDUCING EMISSIONS AND/OR SCALING CLIMATE SOLUTIONS? IF YES, DESCRIBE HOW.

No

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WHAT SUPPORT WOULD YOU NEED TO TACKLE THESE CHALLENGES?

n/a