

PRIMUS  LINE

SAFE.RELIABLE.SUSTAINABLE.



SUSTAINABILITY

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The independent external service provider ERCE was commissioned by Rädlinger primus line GmbH to determine the current status of its CO₂ footprint - formally known as the greenhouse gas inventory (GHG inventory).

Greenhouse gases are differentiated according to three classes ("scopes").

You are welcome to request a detailed report.

	tCO ₂ e
Scope 1: Direct emissions	243
Scope 2: Indirect and upstream emissions	445
Scope 3: Indirect, upstream and downstream emissions	4,220
<i>Scope 3 Cat 1:</i>	
<i>Purchased goods and services</i>	3,701
<i>Other Scope 3 emissions</i>	519

The analysis and differentiation of the Primus Line data and the conversion of the emissions into CO₂ equivalents (CO₂e) results in the following GHG inventory for the year 2022:

4.908 tCO₂e

This corresponds to an output ...

- of about 1,385 EU households – which is less than 0.001 percent of all EU households.
- of a cruise lasting under two weeks.
- of 1,308 two-week holidays to Thailand from Germany.

LOCATION-NEUTRAL BY 2030

Rädlinger primus line GmbH aims to be location-neutral by 2030. It therefore wants to identify and qualify suppliers with a lower footprint - if this is possible. Currently, only a few suppliers have prepared their GHG inventory.

ENERGY MANAGEMENT

A twelve-member energy team at the Werner Rädlinger Group continuously identifies relevant measures to improve energy efficiency. The central objectives are to continuously save energy and increase energy self-sufficiency in order to become less dependent on fossil fuels.

This has already resulted in a specific energy saving of 20.4% from 2021 to 2022 in relation to turnover.

Within the company, further photovoltaic systems are planned for self-sufficiency. Additional improvements to the lighting, compressed air, IT, heating, ventilation and sanitary technology are planned for the coming years. The management is also planning to further expand electromobility.

Primus Line pursues an active energy management system in accordance with ISO 50001.



CURRENT FACTS

(measures already realised)



Vehicle fleet and e-mobility:

- 85 vehicles in the fleet;
30 of them **e-cars**
- **25 e-charging stations** at the facility
- Replacement of electric and diesel forklifts with more efficient **electric forklifts**

Renewable energies:

- **205 kWp** output of the new photovoltaic system on the production building in Weiding. Own utilisation is around 22%. The remaining electricity is currently made available to the public grid.
- **800 kWp** output of the new photovoltaic system on the new warehouse in Chammünster. Own utilisation is around 42%. The remaining electricity is currently made available to the public grid.
- **4,35 MWp** output of all photovoltaic systems belonging to the Werner Rädlinger Group including grid feed.

Heating and power supply:

- Heat recovery and heat pump technology for in-house energy utilisation in the Primus Line logistics halls

ADVANTAGES

TRENCHLESS PIPE REHABILITATION

Reduction of greenhouse gas emissions through lower fuel consumption:

- Significantly fewer or no traffic delays and diversions
- Fewer construction machines and faster construction work
- Reduced disposal of excavated material
- Minimised transport of construction materials by truck to the construction site and overall lower demand for construction materials, i.e. asphalt concrete, stones, backfill material etc.
- Considerably (due to less heavy machinery used and shorter execution time) reduced noise emissions
- Reduce fine dust emissions

Compared to open trench, Primus Line® is a more sustainable alternative:

- Lower construction costs and social costs compared to dig and lay
- Reduced environmental costs
- The use of trenchless technologies can lead to major greenhouse gas savings of up to 90% depending on project.

Source: New GSTT Information 31 „CO₂ Initiative“



Headquarters/Production facility

Rädlinger primus line GmbH
Kammerdorfer Straße 16
93413 Cham · Germany

Phone: +49 9971-8088-0

info@primusline.com
www.primusline.com

Operating in the United States of America only

Raedlinger Primus Line, Inc.
112 South Tryon Street, Suite 1130
Charlotte, NC 28284-2109

Operating in Canada only

Raedlinger Primus Line CA Inc.
480 University Avenue, Suite 1500
Toronto ON, M5G 1V2

Operating in Australia only

Raedlinger Primus Line Pty Ltd.
Level 6, 8 Spring Street
Sydney, NSW 2000

Operating in China only

Primus Line Ltd.
Room 103, Block No.15, 535 Shennan Road
Minhang District, Shanghai 201108



rädlinger
WERNER RÄDLINGER GROUP