

### How to set up a CCF and move forward On the road to sustainability



#### **Agenda**

#### **1** Initial Situation

- 1.1 Westernacher Corporate Social Responsibility
- 1.2 Way to CO2 Neutrality

#### First Estimate

- 2.1 Preliminary CO2 Model
- 2.2 First Result of preliminary CO2 Model

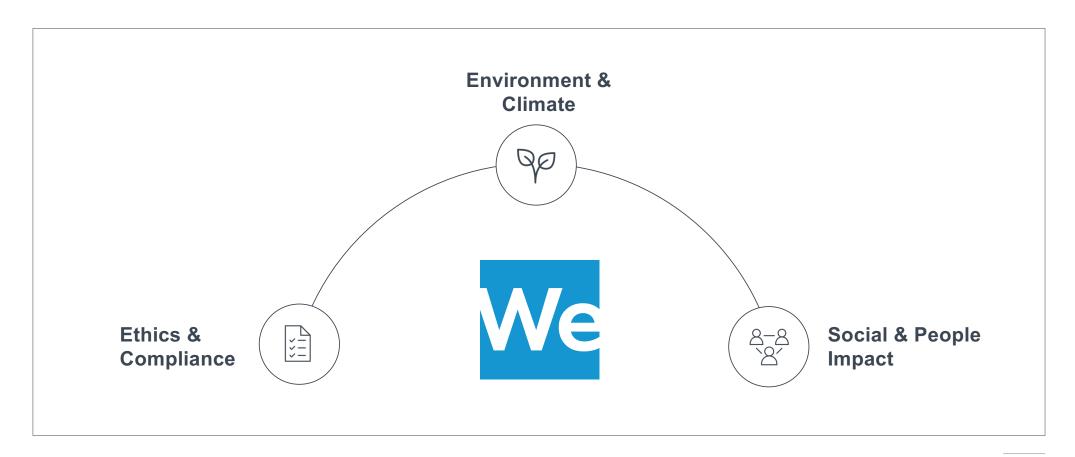
#### **3** Validation

- 3.1 Why Validation?
- 3.2 Search an Advisor
- 3.3 Greenhouse Gas Protocol
- 3.4 Sample Calculation
- 3.5 Target Setting



#### **Westernacher Corporate Social Responsibility**

WE strive to make a positive impact – for us, for society and for the world we live in!



#### **Way to CO2 Neutrality**

#### Reduce CO2 emissions and become carbon neutral

100% transparency

Create transparency about our emissions

Measures for Reductions

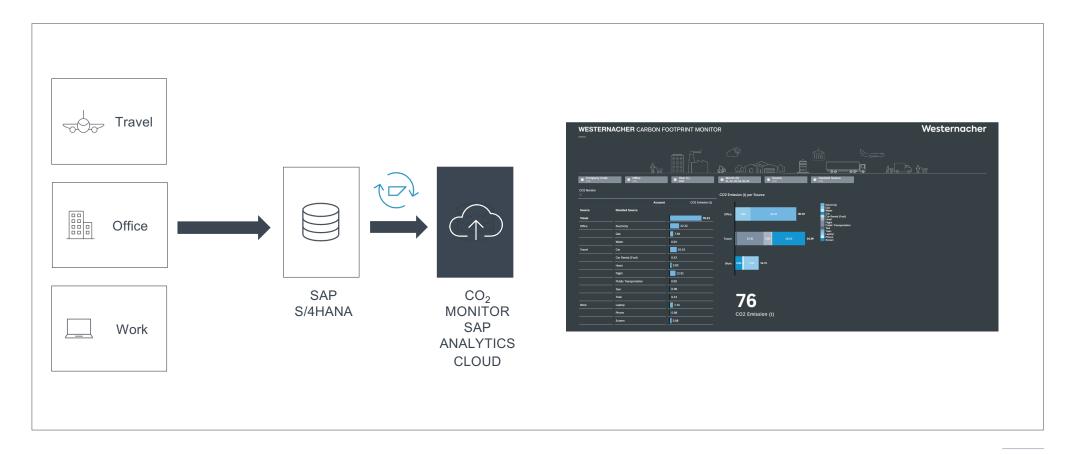
Take action, reduce, offset

0% **Carbon neutrality** QP **Become CO2** neutral



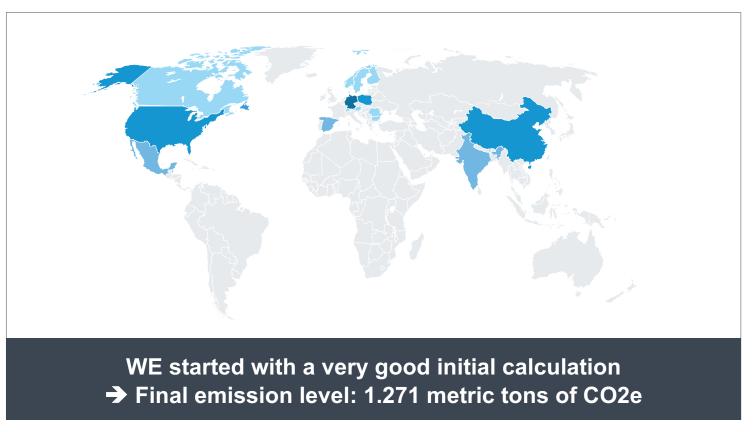
#### **Preliminary CO2 Model**

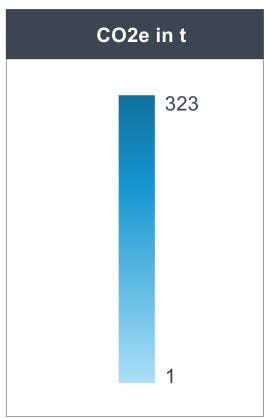
#### Main sources of emissions identified, and CO2 model built



#### First results of preliminary CO2 Model

#### Approximately 1.200 metric tons of CO2e have been emitted by Westernacher in 2021







#### Why to validate

#### There were good reasons for us to start validation with an independent third party

## Completeness and Correctness

### We know main drivers of our emissions.

- Travel is the main driver of our emissions and needs to be reduced.
- We know most other sources pretty well.
- But having all sources of emissions in scope is important for us.
- Additionally, we want to be sure that the calculations in our model are not only complete but also as good as possible.

#### Comparability

### Following a commonly accepted standard makes you comparable.

- Comparing to others based on the same standards can give you a push to improve your CO2 balance
- This approach can also help to convince others to strengthen their efforts to reduce CO2 emissions as well.

#### Credibility

### It is ok to use your own rules to become carbon neutral.

- For the environment, it is important that emissions are kept as low as possible and reduced to a minimum
- But credibility is higher when you follow commonly accepted rules when publishing your CO2 balance.

## **Search an Advisor Independent advice is important**

# Choose your advisor well in advance as you will not be the only one to search support.



#### **Greenhouse Gas Protocol**

There are standards available – we chose to follow Greenhouse Gas Protocol



Greenhouse Gas Protocol provides the world's most widely used greenhouse gas accounting standards for companies.



2,2023 Westernasher Consulting CmbH

#### **Greenhouse Gas Protocol**

#### The Greenhouse Gas Protocol considers emissions in three scopes

#### Scope 1



#### **DIRECT EMISSIONS**

e.g., direct combustion of fuels for heating or driving

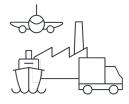
#### Scope 2



#### **INDIRECT EMISSIONS**

e.g., purchased electricity for offices

#### Scope 3



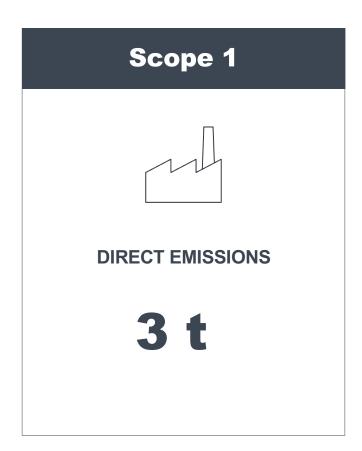
### VALUE CHAIN RELATED EMISSIONS

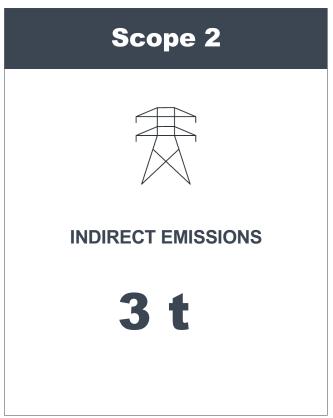
e.g.,
upstream: purchased goods &
services & travel etc.
downstream: usage of sold

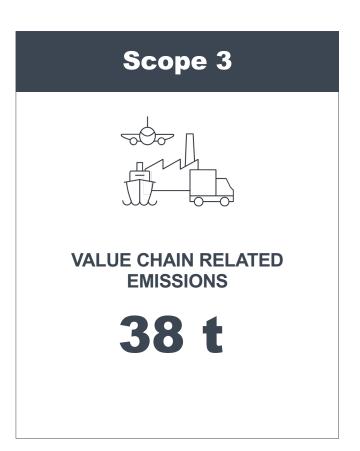
products

#### **Sample Calculation**

#### Based on Greenhouse Gas Protocol we calculated Westernacher UK emissions







## Target Setting Our Ambition

2021

2026

1 kg 0,5 kg

Relative target:
CO2e/employee
working hour

1.271 t ~ 1.000 t\*

<sup>\*</sup>Assumption: HC growth 50%

## **Target Setting Our Ambition**



Relative target: CO2e/employee working hour

2021 — 1 kg

2026

—
0,5 kg



Absolute target: CO2e/year

2021 — **1.271 t** 

2026 — ~ 1.000 t\*

\*Assumption: HC growth 50%

## **Target Setting Our Strategy**



#### Scope 1

**Direct Emissions** 

Change company car fleet to electric cars

Potential savings: - 50% CO2e/year



#### Scope 2

**Indirect Emissions** 

Switch globally to green energy contracts

Potential savings (within 2 years): - 50% CO2e/year



#### Scope 3

Value Chain related emissions

Keep business travel to a minimum and switch to more sustainable transportation i.e. better trains than plane.

Potential savings: target - 50%, BUT difficult to achieve and a lot of work



### Thank you.



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#### **Questions & Answers**

**Q & A** 



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