

# Westernacher Sustainability

How can SAC and Westernacher help you throttle your CO2 emissions and become carbon neutral?

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# About Westernacher

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# CO2 Monitor

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# Westernacher Sustainability

## About Westernacher

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# Who we are

## Company overview

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**850+**

Experts

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**50+**

Years of innovation

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**25+**

Years as an SAP partner

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**100%**

Employee owned

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# What we stand for

## Our mission: innovating business & IT

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### We deliver end-to-end value

through innovation, process and technology consulting plus a range of other services.



### We are true pioneers

and experts in emerging technologies and applications.



### We deliver what we promise

to the highest quality.



### We stand for reliability

and commitment to our customers, our people and business partners.



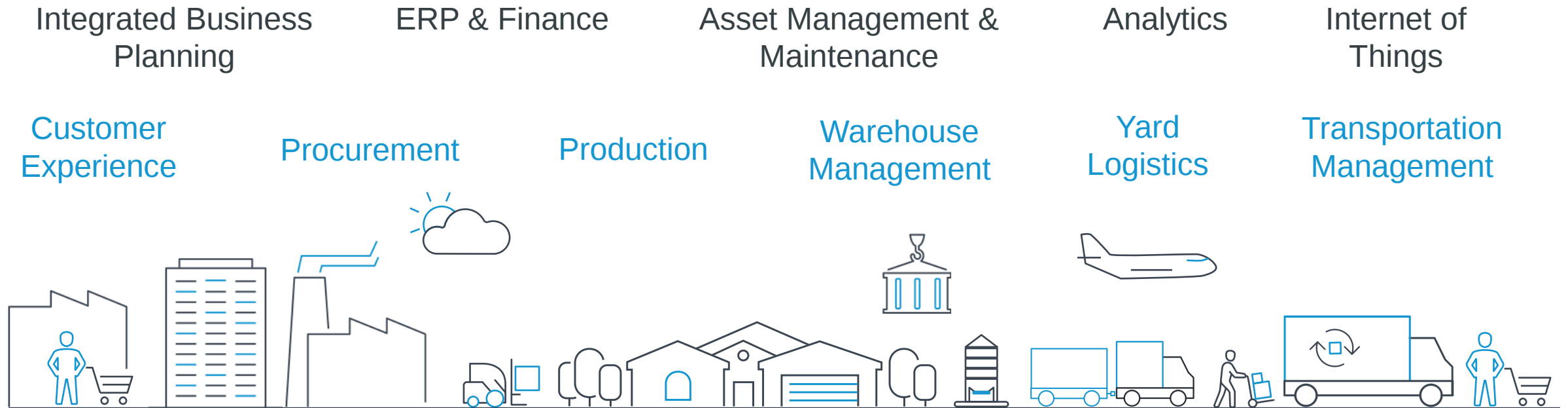
### We live our values

attract and retain talent, encourage entrepreneurial spirit and are proud of our corporate culture and the integrity of our people.



# How we innovate

## Integrating processes and technology end-to-end



### SAP:

S/4HANA, ECC, BPC, EWM, TM, EM, LBN, Yard Logistics, IBP, SPP, DMC, EAM, AIN, MES, CRM, C/4HANA, Sales & Service Cloud, Commerce Cloud, CAR, Analytics Cloud, Data Warehouse Cloud, Ariba, IoT, SCP, Fiori

### Westernacher:

WLS, Add-ons for SAP, Java software development

# Where we are

## Diverse yet consistent – there with you, globally

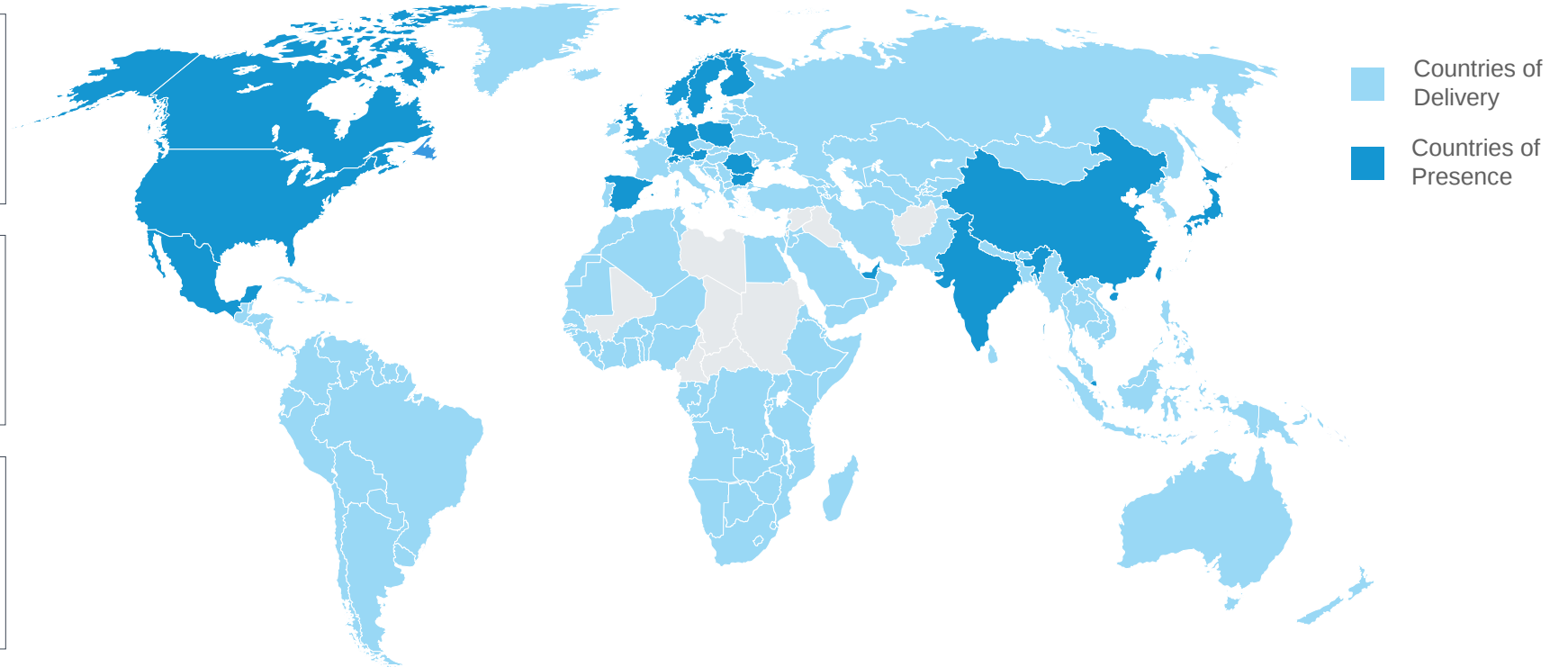
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Bangalore, India - Barcelona, Spain - Berlin, Germany - Boston, USA - Chengdu, China - Cluj-Napoca, Romania - Dubai, UAE - Guadalajara, Mexico - Hamburg, Germany - **Heidelberg, Germany (HQ)** - Helsinki, Finland - London, UK - Mexico City, Mexico - Oslo, Norway - Plovdiv, Bulgaria - Scottsdale, USA - Shanghai, China - Singapore, Singapore - Sofia, Bulgaria - Sopot, Poland - Stockholm, Sweden - Taipei, Taiwan - Tokyo, Japan - Vancouver, Canada - Vienna, Austria - Warsaw, Poland - Würzburg, Germany - Zurich, Switzerland

# Westernacher Sustainability

## Way to CO2 Neutrality

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# The Plan

Reduce CO2 emissions and become carbon neutral

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**2-5**

Reduce emissions  
in max 5 years

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Idea

**100%**

Create transparency  
about all emissions

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Transparency

**3**

Take action in  
3 main areas

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Measures

**0%**

Become CO2  
neutral

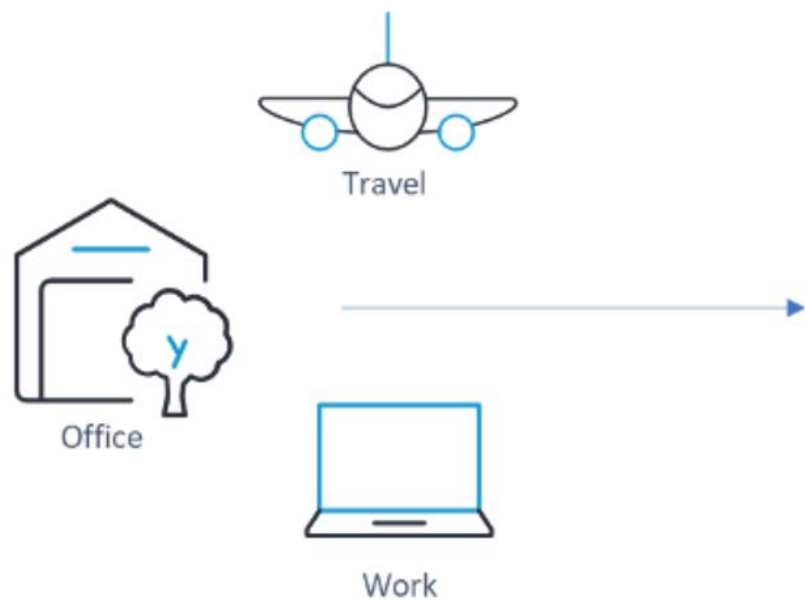
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Carbon Neutrality

# CO2 Model

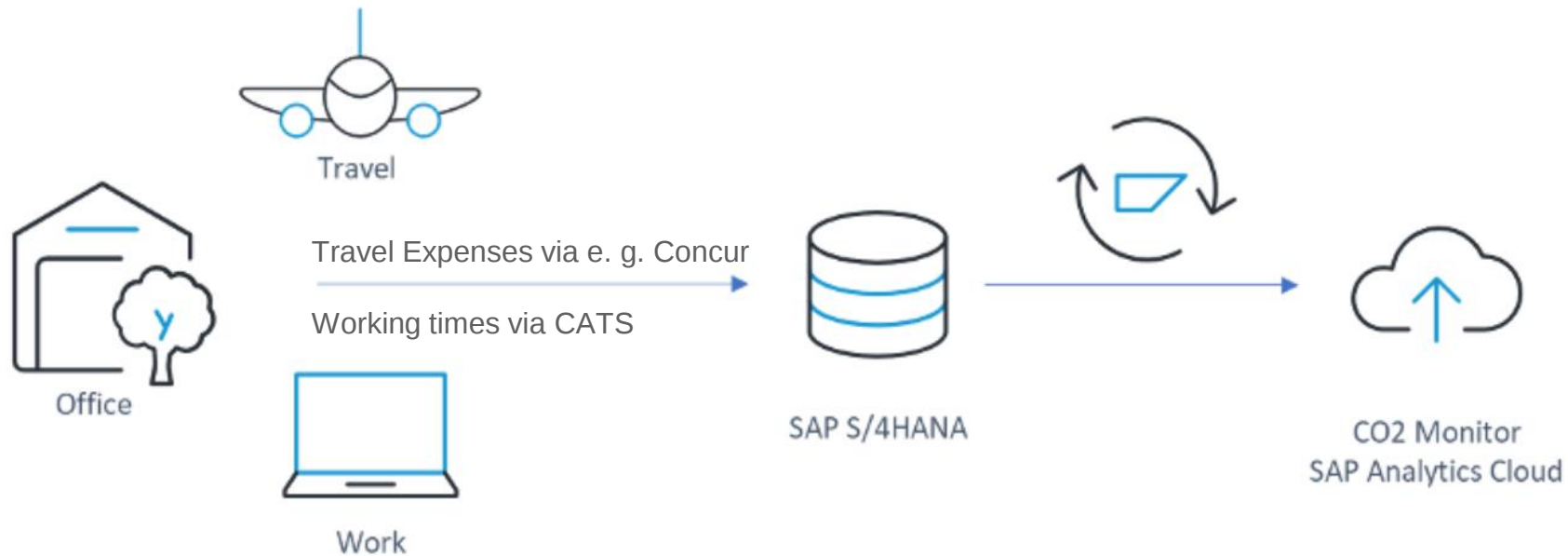
## Detailed sources of emissions identified



|        |                       |
|--------|-----------------------|
| Office | Electricity           |
|        | Gas                   |
|        | Water                 |
| Travel | Car                   |
|        | Car Rental (Fuel)     |
|        | Hotel                 |
|        | Flight                |
|        | Public Transportation |
| Work   | Taxi                  |
|        | Train                 |
|        | Laptop                |
|        | Phone                 |
|        | Screen                |

# System Landscape

## SAP-centric system landscape around SAP S/4HANA and SAP Analytics Cloud



# CO2 Model

## Calculation Examples – Car drive to customer

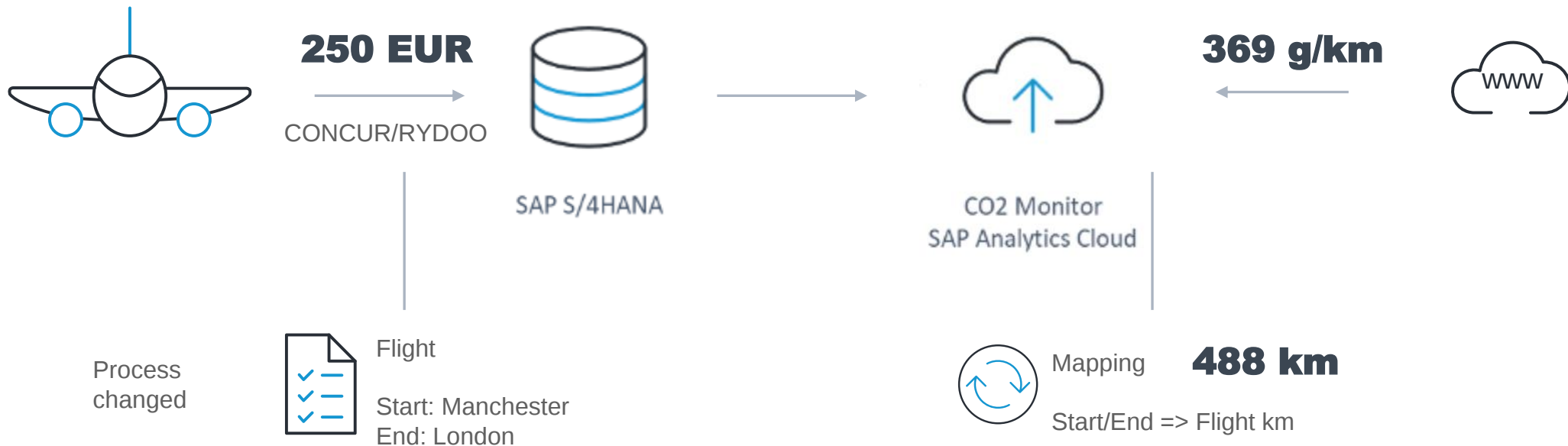
**Emission: ~72 kg CO2 eq**



# CO2 Model

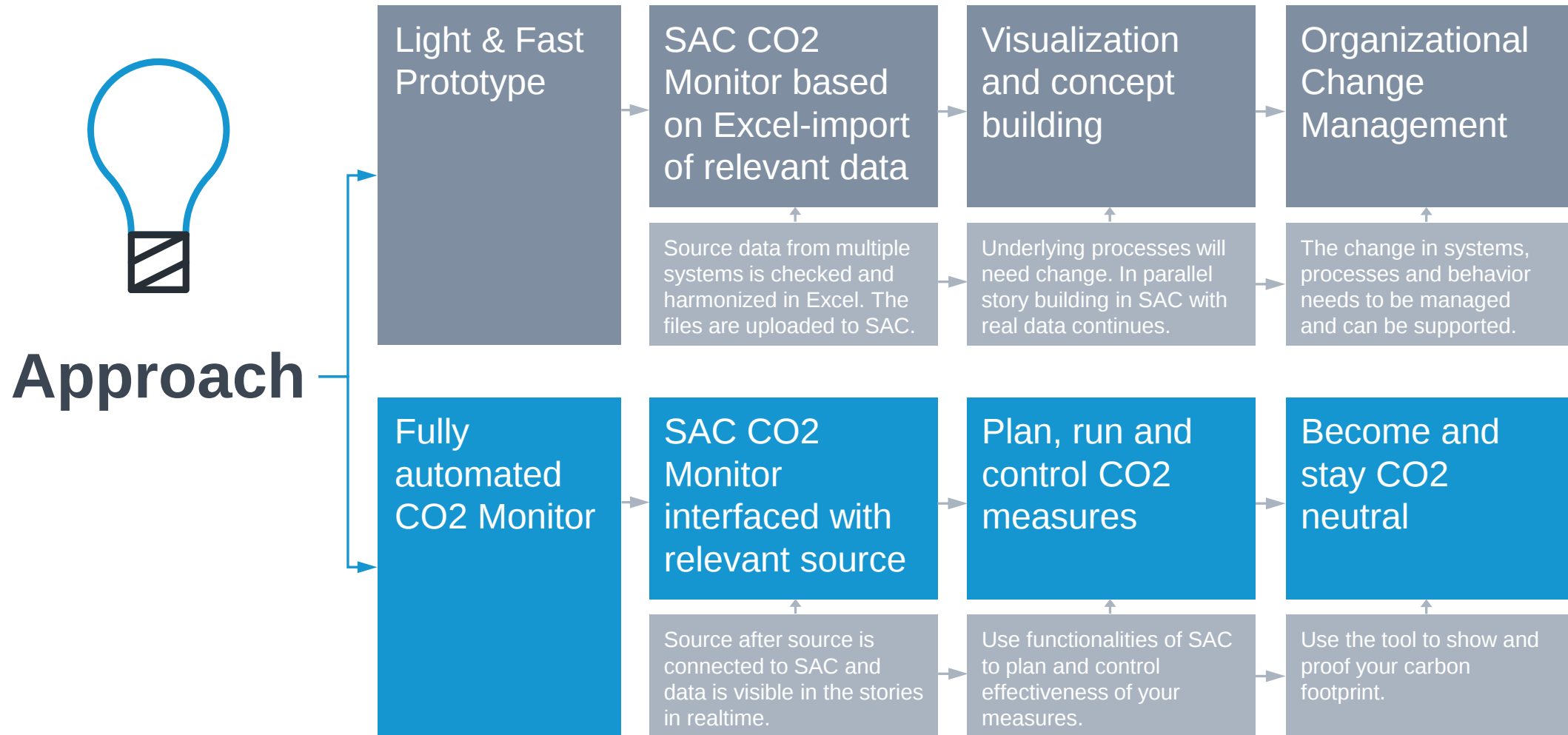
## Calculation Examples – Flight to customer

**Emission: ~180 kg CO2 eq**



# CO2 Model

## Two SAC Models



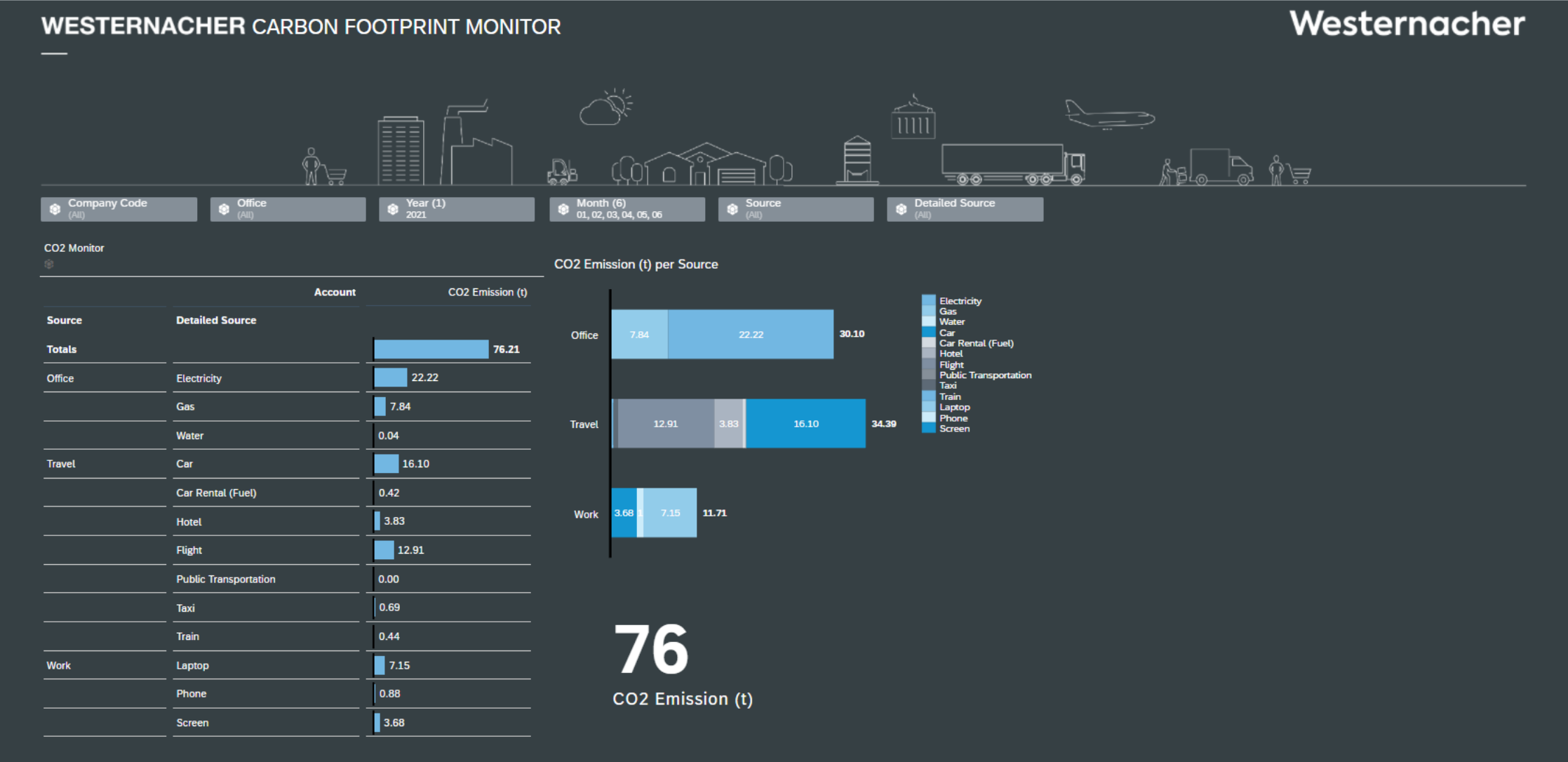
# Westernacher Sustainability

## CO2 Monitor

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# CO2 Monitor

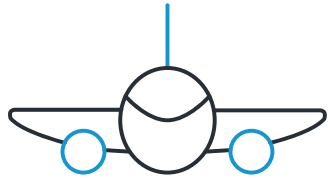
## Live Demo



# Analysis & Measures

## Analysis shows that travel is by far the highest source of emission

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Before 2020, about 90% of CO<sub>2</sub> emissions in our operations were caused by travel; flights had the highest impact up to 90% depending on the country.



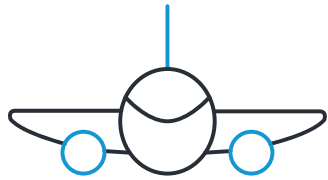
From 2020 on, travel restrictions during the pandemic reduced travel related emissions by about 70%.



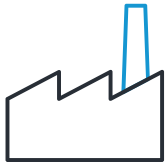
Before 2020, work and office related emissions accounted for 10-15% of our emissions only, but since the pandemic both sources are relevant, too.

# Analysis & Measures

Based on the findings the measures to be taken are evident



Reduce travel but if needed  
take a train whenever possible.



Switch offices to renewable  
energy contracts.



Offset the remaining footprint.



# Next Steps

## Completeness, audit, reduction and compensation

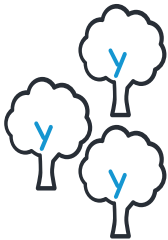
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By the end of 2021, we want to have all data on board and have processes ready for a fully automated CO2 monitor.



Beginning of 2022, we will start to get our approach certified by an independent external auditor.



We will keep the emissions on a low level and reduce wherever possible. The remaining carbon footprint starting with 2021 will be offset to be at least carbon neutral.



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**Q&A!**  
**Thank You!**