

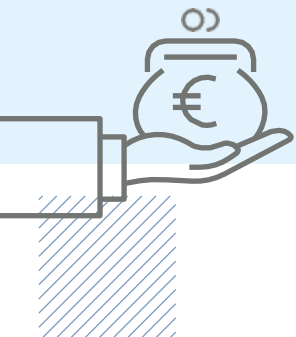
A large, bright yellow geometric shape, resembling a stylized house or a folded piece of paper, is positioned on the left side of the slide. It has a flat top and a pointed bottom right corner.

# **MOBILITY TO FIGHT CLIMATE CHANGE – MOBILITY CONCEPT OF METRO**

Japan Day | City of Düsseldorf  
27<sup>th</sup> May 2021

Olaf Schulze, Director Energy Management / Real Estate Sustainability,  
METRO Properties Holding GmbH

# METRO AT A GLANCE



€25,632 MILLION

Group revenue

€1,158 million  
EBITDA<sup>1</sup>

97,639

employees<sup>2</sup>

In 34 countries<sup>3</sup>

At  
METRO  
678  
locations

<sup>1</sup> Adjusted EBITDA (excl. transformation costs and earnings contributions from real estate transactions). <sup>2</sup> Annual average number of employees (headcount) 2019/20, incl. trainees. <sup>3</sup> 24 countries with bricks-and-mortar business, 10 countries exclusively with delivery business.

As of: 15 December 2020

# AT A GLANCE

## METRO

### Pure wholesaler

METRO has completed the transformation into a pure wholesaler.

### Food Service Distribution

As an omnichannel provider, METRO combines a vast network of modern wholesale stores with a comprehensive delivery service (Food Service Distribution, FSD) and is one of the leading international players in this field.

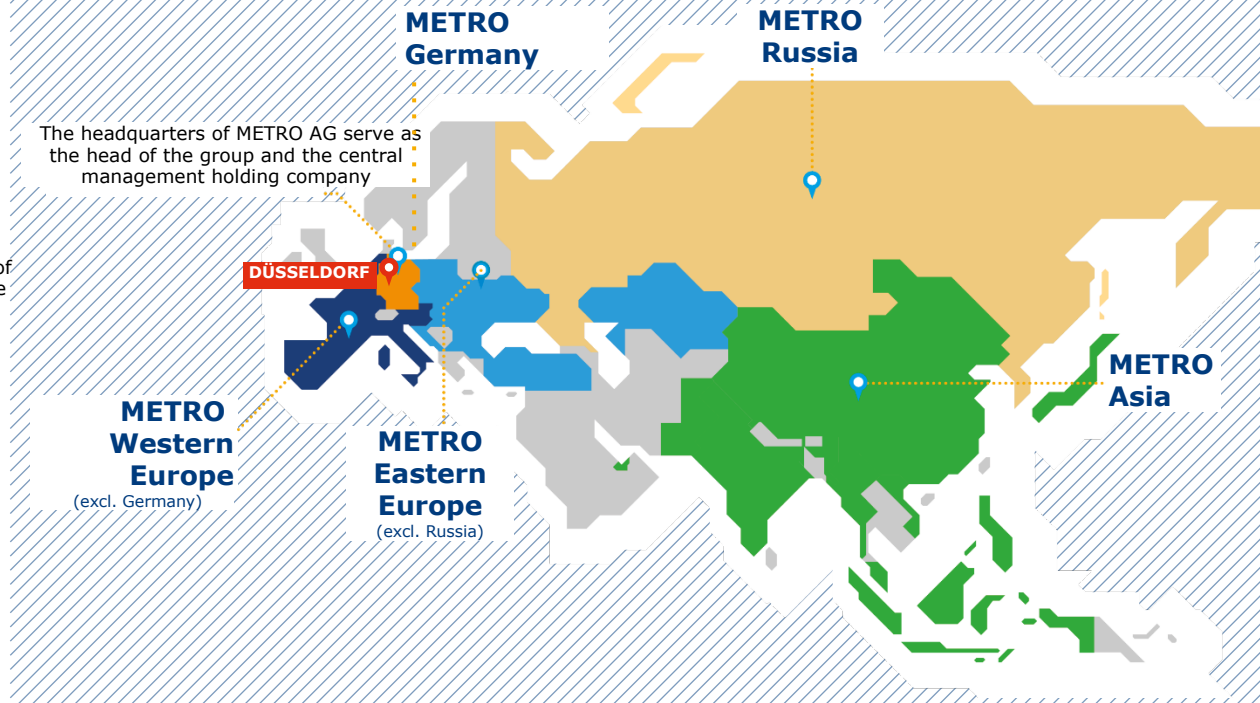
## OTHER BUSINESS AREAS

### Service companies

The Others segment includes entities such as the service companies, which provide services within the group in the areas of real estate, logistics, information technology, advertising and procurement.

### Digitalisation activities

The group's digitalisation activities are also bundled in this segment.



As of: 15 December 2020

# METRO CLIMATE PROTECTION TARGET 2030.

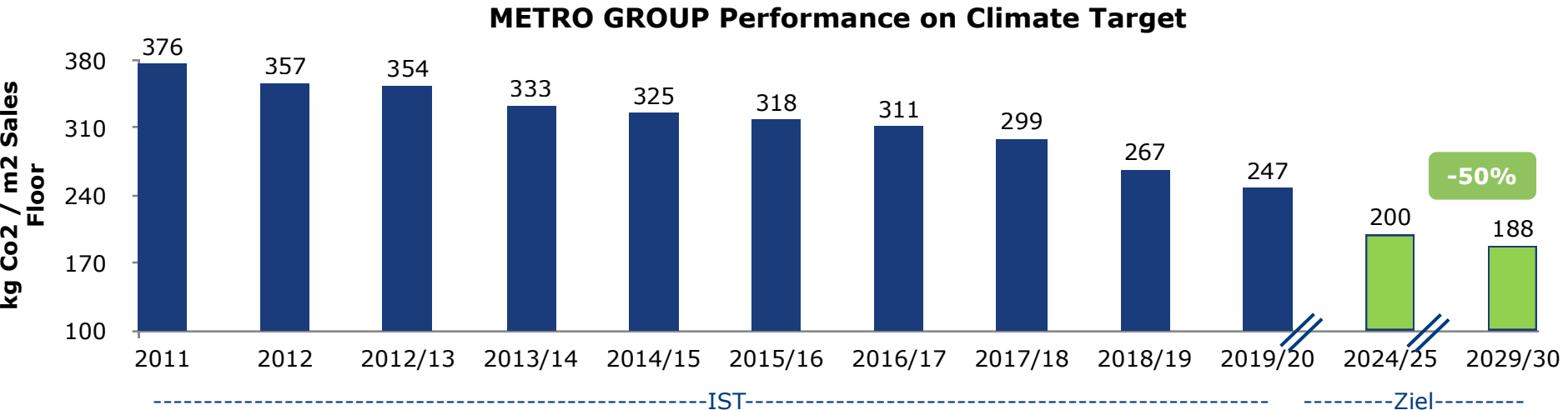
Climate protection target 2020 already achieved in 2015:

=> Reduction of core CO2 emissions on group level by 20% vs. 2011



New climate protection target for 2030:

=> Reduction of core CO2 emissions on group level by 50% vs. 2011, we are on track!



# CO2 REDUCTION STRATEGY 2030.

To achieve our Climate-Protection-Target METRO focuses on:

- (1) Energy-Efficiency Investments (ESP) & Behavior Change (EAP)
- (2) F-Gas Exit Program – FEP
- (3) Renewable Energy Production- Project Smaragd (photovoltaics)
- (4) Heat Exit Program – HEP
- (5) Green Mobility
- (6) ~~GREENSTORE + ZEUS INITIATIVE (ZERO Emission Store)~~



# MAIN FIELDS OF MOBILITY AT METRO.



1. Food Service  
Distribution(FSD)



2. Logistics



3. Customers



4. Employee  
Commuting



5. Company  
Travel

## Challenges + Risks:

- Access to cities (traffic ban for ICE/Diesel)
- Traffic jams (all agglomerations) + limited inner cities access
- Costs / cost increasing for fuel (METRO FY19/20 = 21,3 mill. liters)
- Extra energy tax (CO2 for all emissions in DE, internal CO2 price of 50€/to be introduced)
- Added value (Customers first!)
- METRO is member of the mobility partnership with Düsseldorf



**MOBILITÄTS  
PARTNERSCHAFT**  
DÜSSELDORF

# STATUS AND ACTIVITIES: FSD DELIVERY.



## 1. Food Service Distribution (FSD)



- FSD distribution impact will increase sharply – on the contrary, partially less customer commuting
- local ban/air pollution/jam problematic for FSD Business
- EVs in FSD partially integrated; especially METRO AT/NL
- CNG in use, Hydrogen being tested in feasibility study
- No economic transport EVs available + special charging infrastructure needed; test at Pro a Pro/FR 6to truck
- DE: CNG trucks + refill infrastructure available, TCO for EV-trucks negative
- Subsidies are partially possible (DE)

# STATUS AND ACTIVITIES: LOGISTICS.



## 2. Logistics



- Alternative mobility as a trend because local ban/air pollution/jam
- EVs in logistics currently impossible for whole supply chain
  - after successful pilot (Vösendorf 26to), MAN decided to start a series of next generation trucks
- DE: 6 CNG trucks in METRO Logistics
- Following a field test, rollout possible; MLG is operating 110 40to trucks; CNG could be a positive business case
- Participating in Cooltrain project with direct train link between Valencia and Rotterdam to transport fresh products (oranges); now also in a CNG Truck from VTO to MAKRO PL
- New trend: Hydrogen



# STATUS AND ACTIVITIES: CUSTOMERS.



## 3. Customers



- Rollout of EV charging infrastructure for our customers
- Currently 550 EV charging points installed at more than 120 stores, all METRO sites equipped e.g. in METRO HU, MD, PL, PT
- METRO member of the „EV100 Initiative“ created by Climate Group
  - launched in New York on 14th of September 2017
  - METRO's commitments:
    - 1.000 charging points until 2030
    - Charging infrastructure for employees
    - Integration of E-Mobility in service contracts

# STATUS AND ACTIVITIES: EMPLOYEE COMMUTING.



## 4. Employee Commuting



- EV company cars incentive (car policy 2018)
- METRO 250 EVs in own fleet = >10%
- EV chargers for employees & company cars (89 charging ports in total in HQ Düsseldorf)
- Rheinbahn ticket for public transportation
- Car2Go + Bike2Go station at HQ
- E-Bike charger, employee leasing for E-bikes ("Jobrad")
- Bicycle garage + bike charger boxes (10/19)
- Home office & flex work – to reduce the traffic to HQ
- Roll-out of HQ concept to other countries
- Support of home charging opportunities

# STATUS AND ACTIVITIES: COMPANY TRAVEL.



## 4. Company Travel



- Drastic reduction of company travel due to COVID.
- Avoid company travel through digitalisation
- EV requirements for service providers (taxis)
- Travel agency shows CO2 emissions per trip; to prefer public transportation by train (BahnCard)
- Green energy certificates (German hydropower) to offset the demand of all EVs in DE to carbon-neutral
- Less travel -> less costs!

# CONTACT

Olaf Schulze  
Director Energy Management / Real Estate Sustainability

METRO Properties Holding GmbH  
Schlüterstraße 1  
40235 Düsseldorf

M +49 151 15 11 1870  
T +49 211 68 86 4647  
E [olaf.schulze@metro-properties.de](mailto:olaf.schulze@metro-properties.de)

[www.metro-properties.de](http://www.metro-properties.de)  
[www.twitter.com/METRO\\_News](https://www.twitter.com/METRO_News)