

Sustainability @ VodafoneZiggo

An insight into the sustainability
activities of VodafoneZiggo

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ENVIRONMENTAL
FOOTPRINT & AMBITION

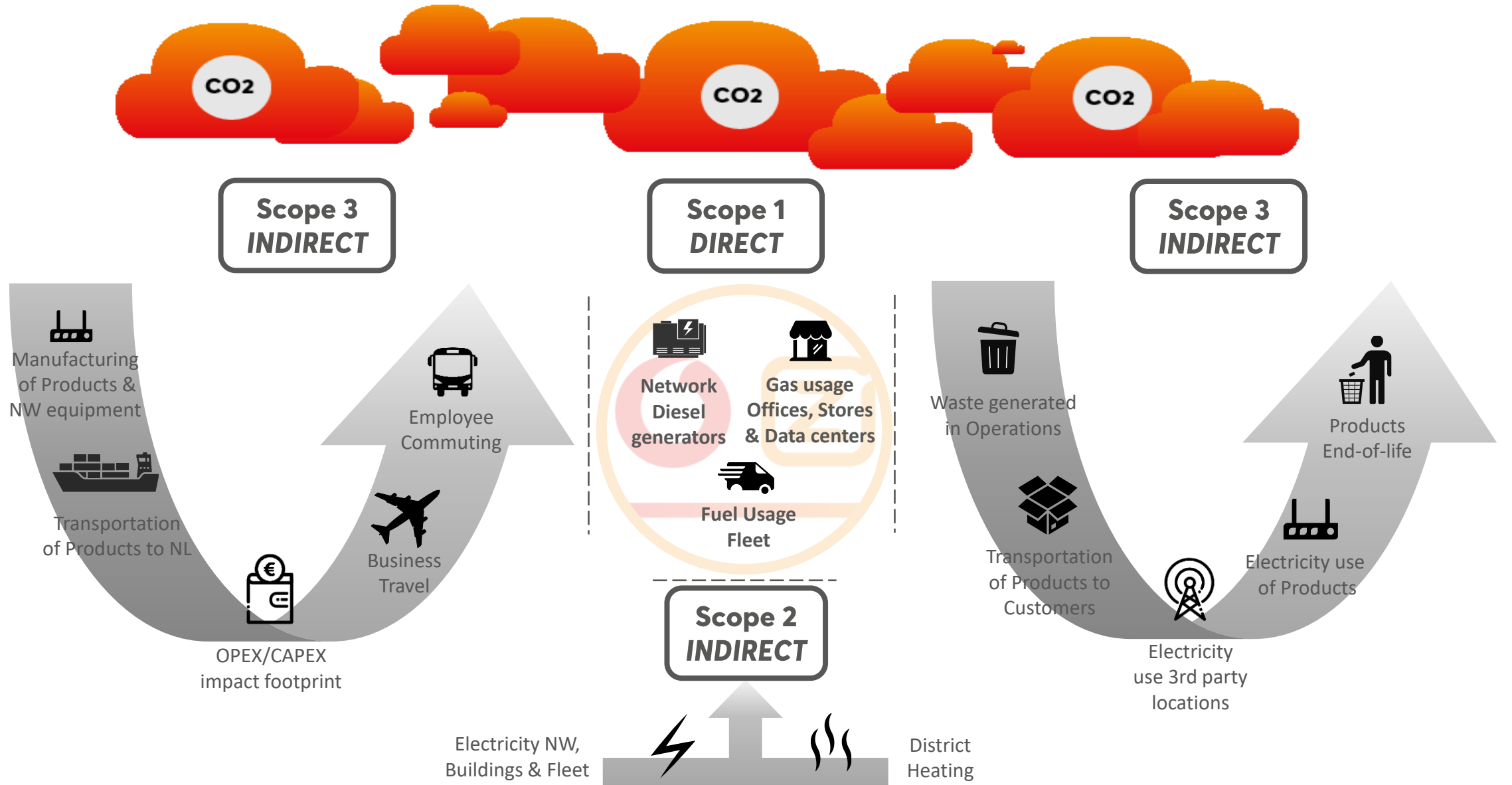
Question



**Do you know the
environmental
footprint of your
company?**

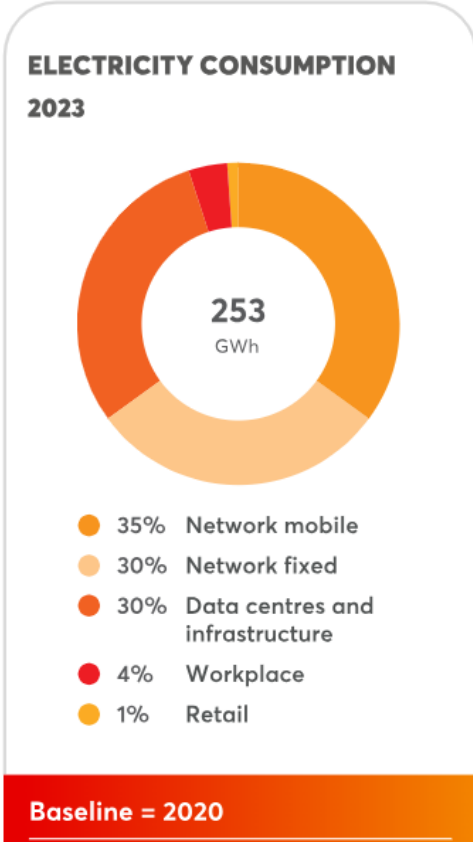
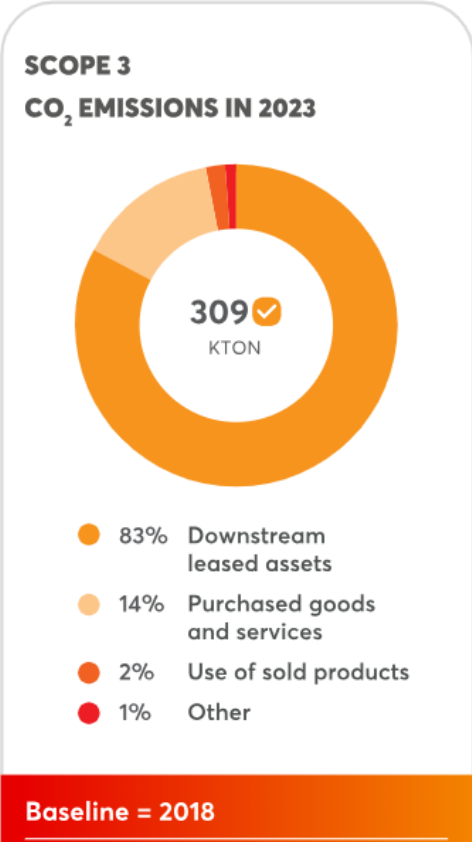
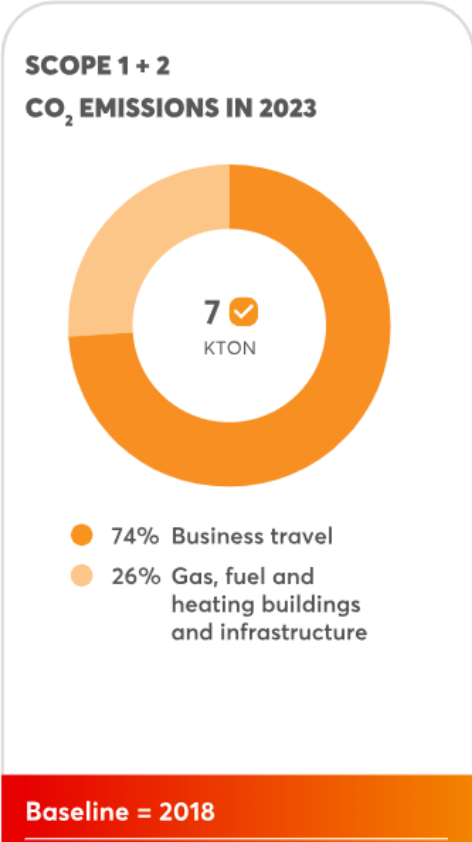


VodafoneZiggo Environmental Footprint



Why does Sustainability matter?

FACTS FROM OUR INTEGRATED REPORT & ECOVADIS MEDAL



Why does Sustainability matter?

DRIVERS TO WORK ON ENERGY & SUSTAINABILITY MATTERS



SOCIAL
RESPONSIBILITY



GOALS &
AMBITION
OF
VODAFONEZIGGO

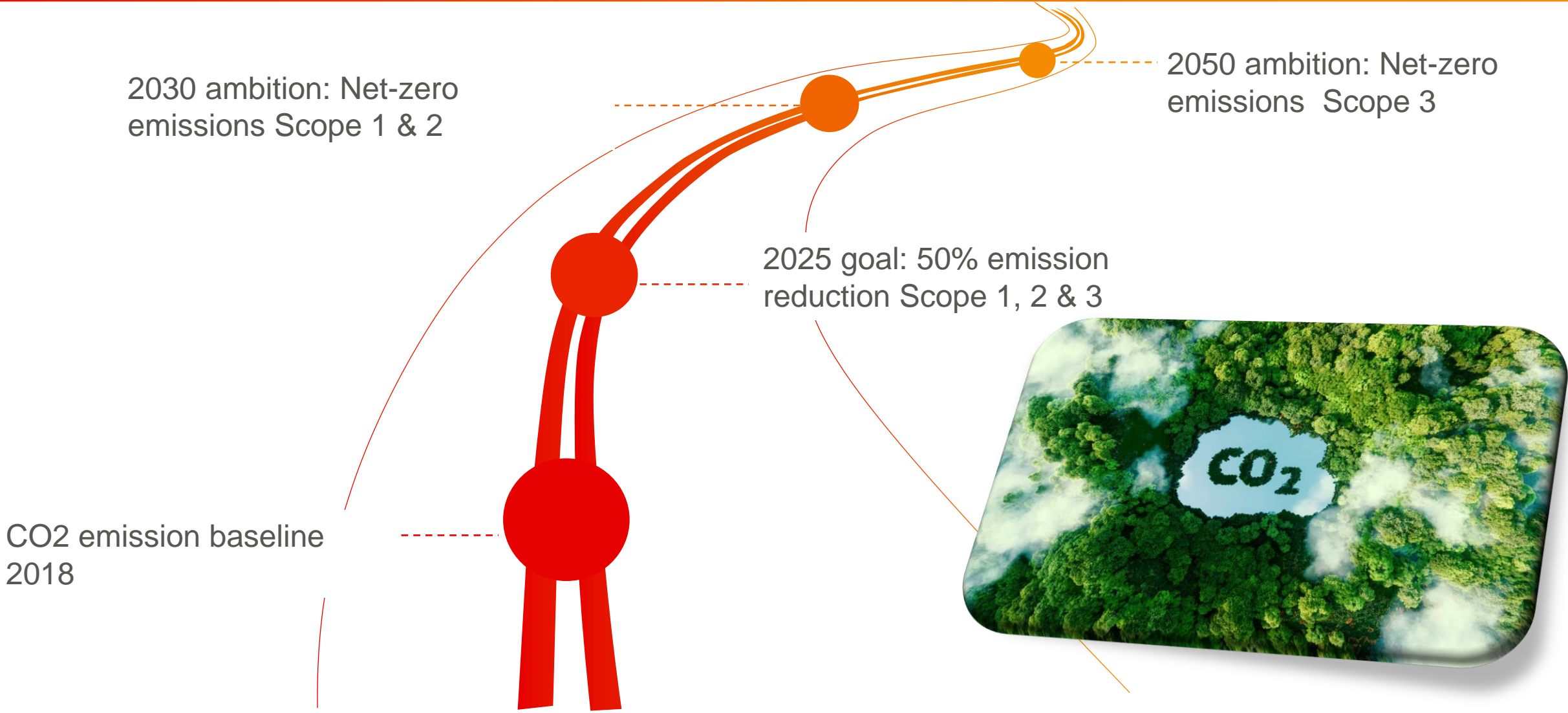


COMPLIANCE
TO
STANDARDS,
LAWS &
REGULATIONS



Goals & Ambition of VodafoneZiggo

THE ROAD TO NET-ZERO





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PAST & FUTURE
INITIATIVES

Our Customer Premise Equipment (CPE)

Initiatives Packaging



2 Module Packaging

1. Bulk packaging from manufacturer to VZ
2. Sustainable packaging (cardboard) & more efficient packaging for our transportation

3. Mailbox packaging - NextMini package through letterbox



Effectively more than 30% reduction



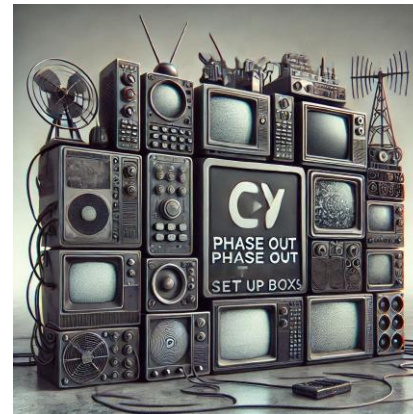
3 Module Packaging



Our Customer Premise Equipment (CPE)

Initiatives Technology

1. Eco-mode on set-top boxes enabled as the default setting
 - Next Mini: 25 sec starting time while consuming 0.5 Watt instead of 2.9 Watt in Quick Start
2. Legacy CPE Phase-Out Samsung G7400 & G7401
3. Launch of UEFA streaming service for non-customers & further exploration of boxless solutions for VZ Video Services



VodafoneZiggo Retail, Offices & Fleet

Initiatives Technology

Retail

1. New sustainable shop concept – sustainable, accessibility & gas-free
2. Consolidating shops
3. Closed door policy



Offices

1. New Building Management System for Support Centers to improve energy management

Fleet

1. Fleet electrification & purchase of Guarantees of Origin
2. Alternative mobility solution for technicians (e-bikes)



Our Datacenters

Initiatives Technology

- “Broomwagon” projects & platform shut-down of legacy with sustainability in mind
- Reuse of residual heat of Datacenters
- DC consolidation
- Net congestion - Peakshaving with Solar & batteries to achieve needed capacity
- Standard energy efficiency initiatives e.g. free air cooling, DC consolidation, exchange of lighting, cold cubes, insulation of building, special paint etc.

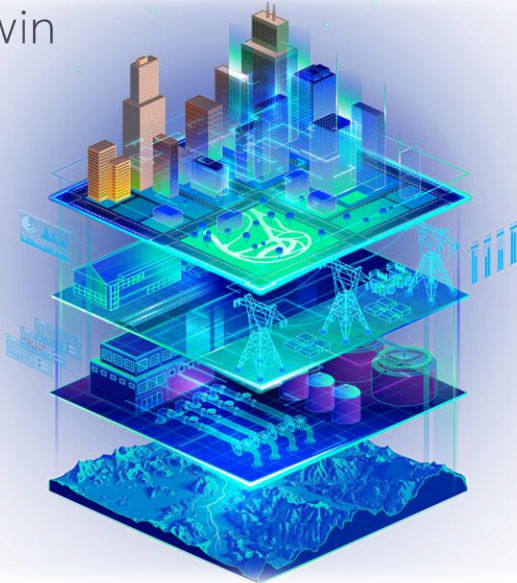


Other Initiatives

Initiatives Technology

Other Initiatives

1. Energy saving features on Mobile sites (e.g. sleep mode)
2. Change of fuel from B7 and HVO20 to HVO100 for majority of NW
3. More energy efficient equipment when modernizing the NW
4. Digital Twin



2025 Ambitions/Explorations

1. Company-wide Decarbonization Plan to enable 2030 & 2050 aim of emission reduction
2. Tender for company-wide energy tooling
3. Supercapacitors & Hybrid Supercapacitor energy storage instead of traditional batteries



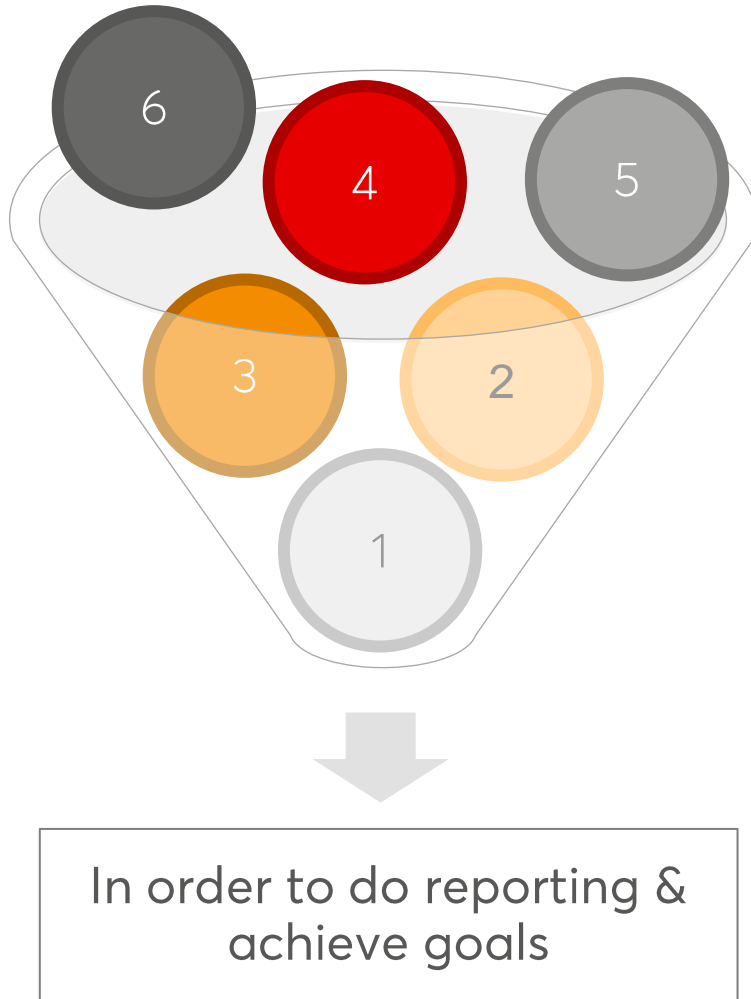


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GENERAL APPROACH

What we need to do to be successful

JOURNEYS TO TAKE



The key ingredient to reaching our goals and deliver outstanding reporting is data!

- 1 Data journey**
That data needs to be complete, accurate, relevant & reliable.
 - 2 Tooling journey**
Once we have all the data we need to analyze it.
 - 3 The ambition for innovation & continuous improvement**
When the baseline is clear and significant energy usage is identified, the right way of working & initiatives need to be put in place to reach our goals.
 - 4 Awareness Journey**
Goals & targets can only be reached when people have awareness of their existence & their impact on them.
 - 5 Closing the loops – Energy & Circularity by Design**
In order to close the loops for circularity & energy we need to pay attention at the beginning of the lifecycle, i.e. when creating the designs.
 - 6 How does it all relate?**
Dependencies, symbiosis and contradictions of sustainability initiatives
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THANK YOU