



VENESSA WONG – SCANIA HONG KONG

ELECTRICATION FOR COMMERCIAL VEHICLES

SCANIA



Why electrification?

We don't take electrification lightly – and neither should you.



As part of the global transport industry, we acknowledge that while we are a necessity for our modern society to function, we are also responsible to do our part and constantly better ourselves. We feel great pride in our commitment to Science Based Climate Targets. With these targets as our guiding star, Scania will not only take action to meet the goals of the Paris Agreement and limit global warming to well-below 2°C above pre-industrial levels – but actively pursue actions to further limit warming to 1.5°C.



LET'S START WITH YOUR PERSPECTIVE

The transport industry is facing many challenges:

The need for transports is constantly increasing

Profitability in the transport business is squeezed

25% of global emissions come from the transport sector

We are in a technological shift – the biggest in decades



What are the environmental objectives in your company?



How do you view these challenges and the role of electrification?



CONSIDERATIONS FOR GOING ELECTRIC





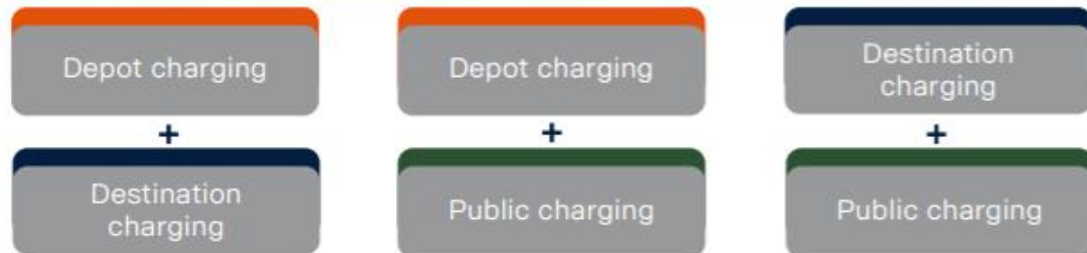
YOUR CHARGING ECOSYSTEM

Single location charging vs. multiple location charging solutions

Single location charging only



Multiple location charging



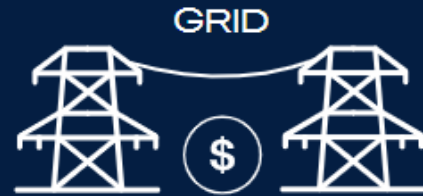


START WITH YOUR DATA

Analysis of your transports

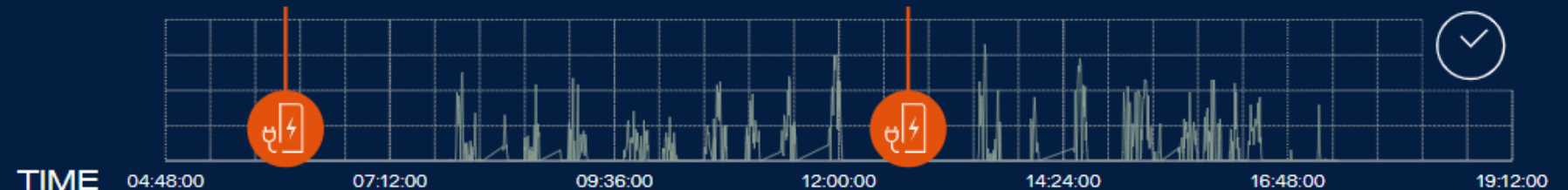
Operating ranges
Flexibility needed
Charging possibilities

Charging



OVER NIGHT

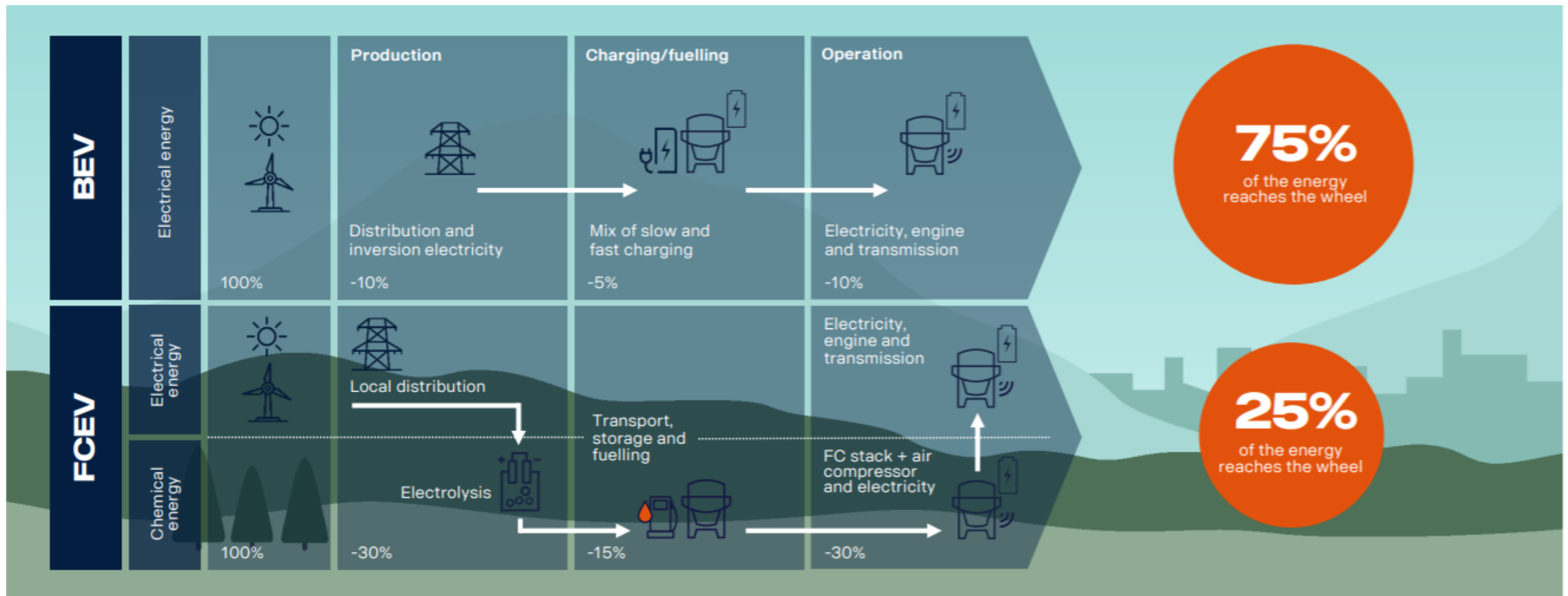
OPPORTUNITY





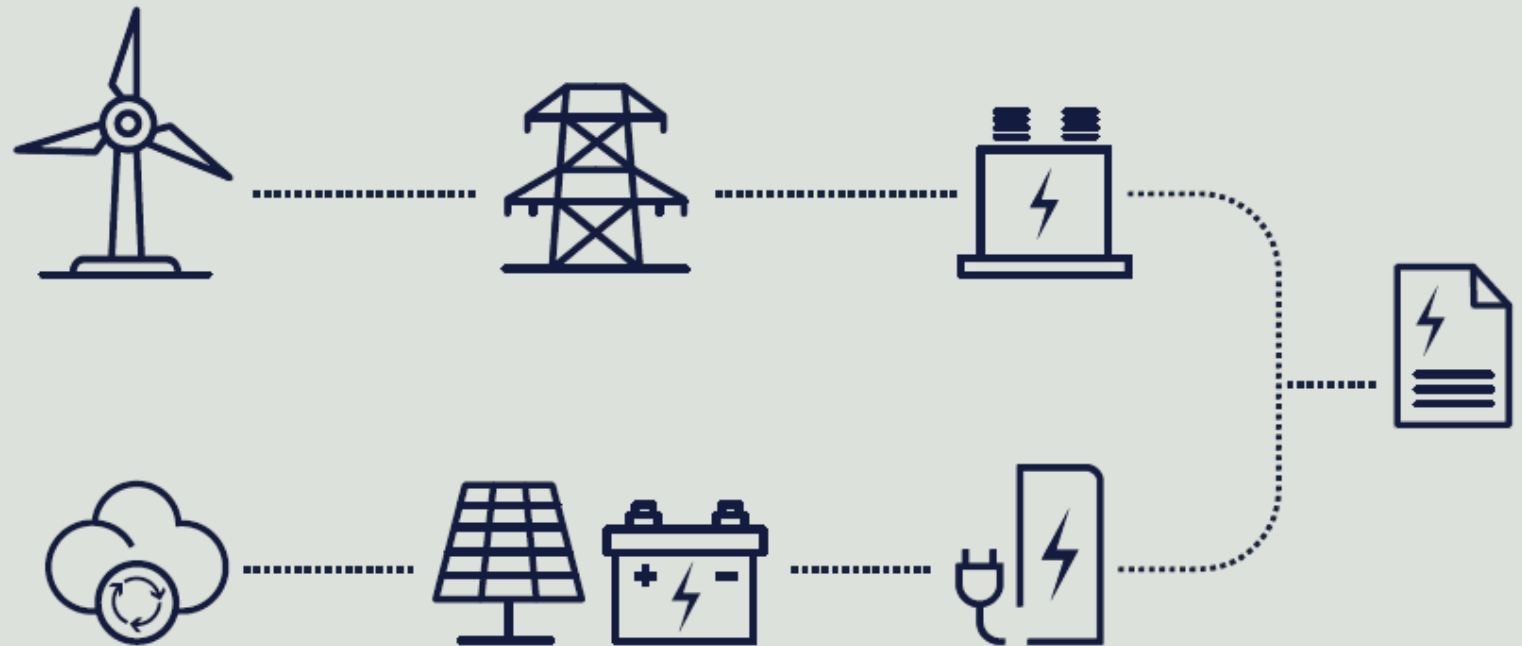
BATTERY EV vs. FUEL CELL EV

A COMPARISON OF SYSTEM EFFICIENCY



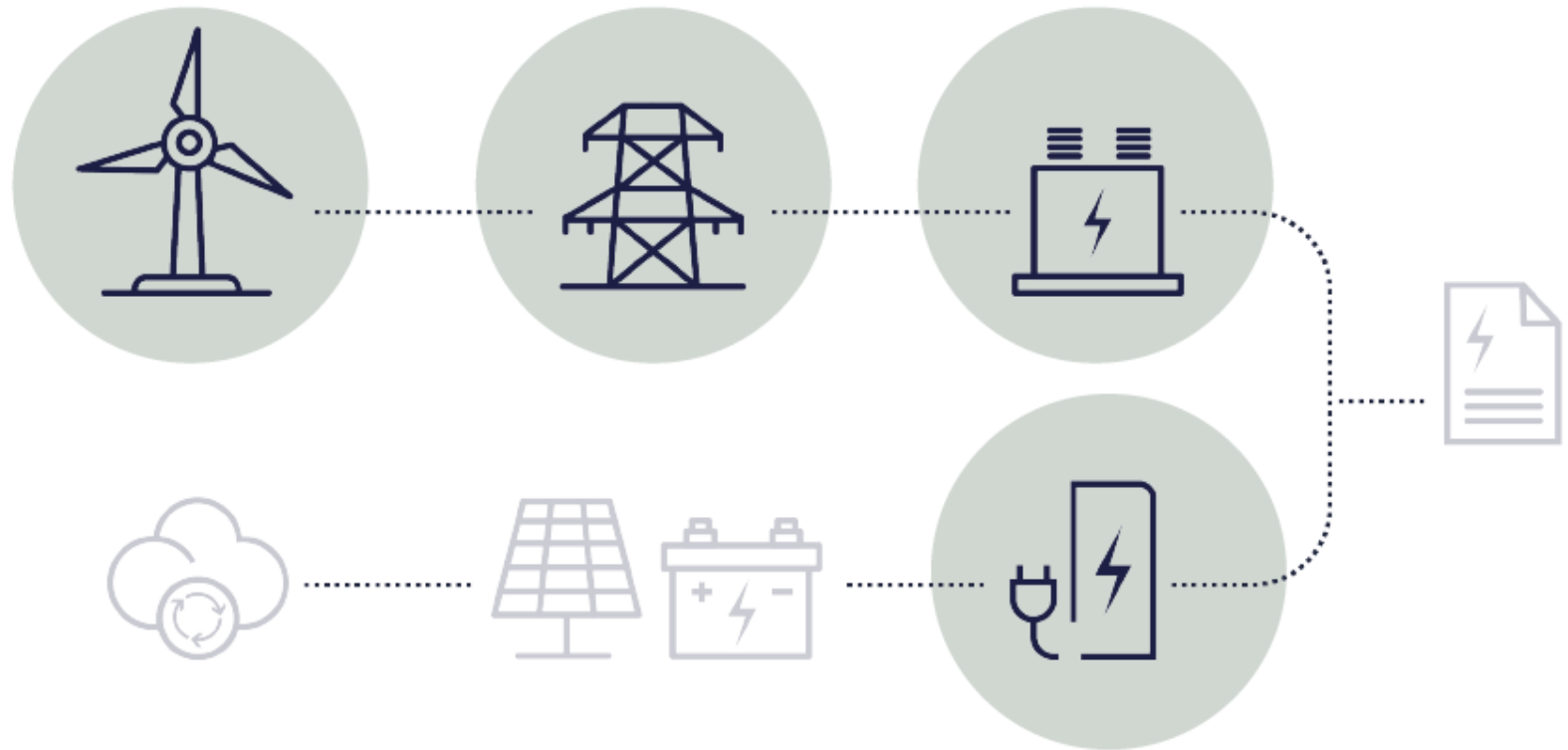


CHARGING IS MORE THAN A CONNECTOR



IMPLEMENTING A CHARGING STRATEGY

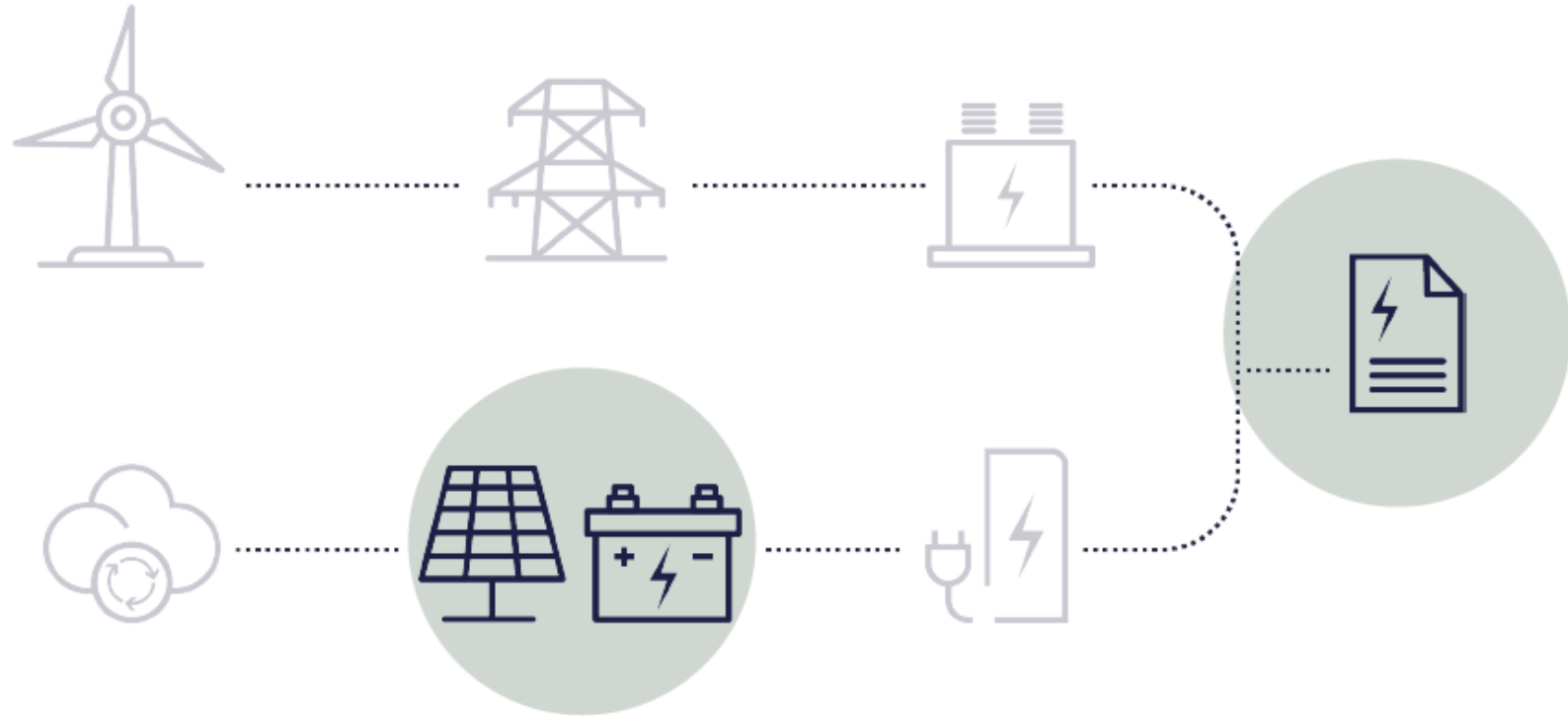
Operational analysis
Planning and layout
Charging hardware





SOURCING ELECTRICITY

100% Clean energy contracts
Power storage
Power generation



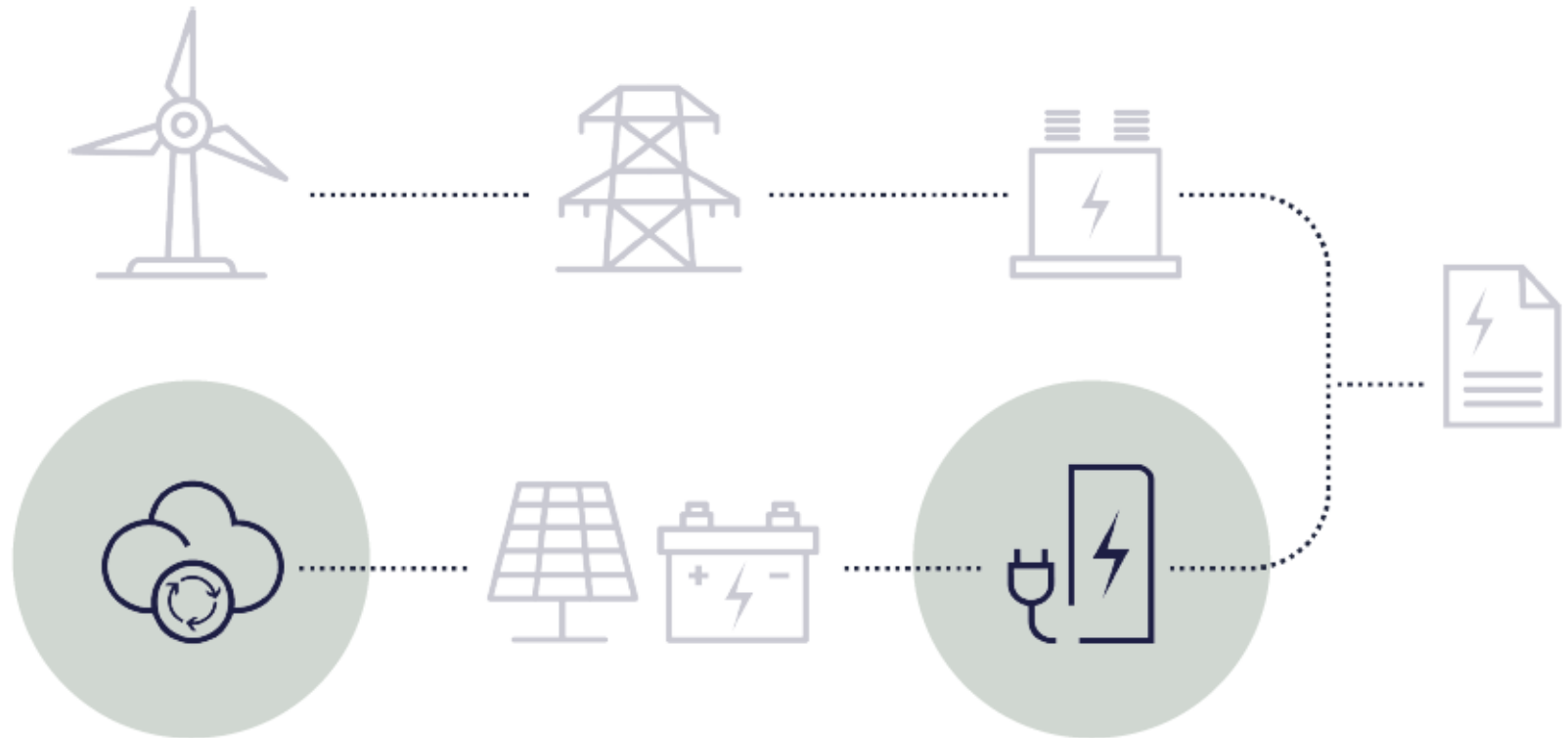


SERVICES FOR YOUR CHARGING SOLUTION

Financing

Installation & maintenance

Charging management





Best way is to build this into company's strategy



2025 STRATEGY



**SUSTAINABILITY IS AT THE CORE
OF SCANIA'S 2025 STRATEGY**



STRATEGIC SUSTAINABILITY FOCUS



Decarbonisation



**Circular
business**



**People
sustainability**



SCANIA'S COMMITMENT - SCIENCE BASED TARGETS



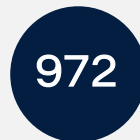
Paris agreement 2015



Targets approved as “science-based”
– in line with what is necessary to
meet the goals of the Paris Agreement



Aligning corporate carbon
reduction targets with
climate science



Companies committed
(August, 2020)

PARTNER ORGANISATIONS



WORLD
RESOURCES
INSTITUTE





Take Charge!



In the future, every transport can be electric. And for a more sustainable world, many of them will have to be. So, although electrification of shorter transports will happen first, as power infrastructure improves and batteries become more efficient, lighter and cheaper – the electrified range and capability will keep extending.



SCANIA