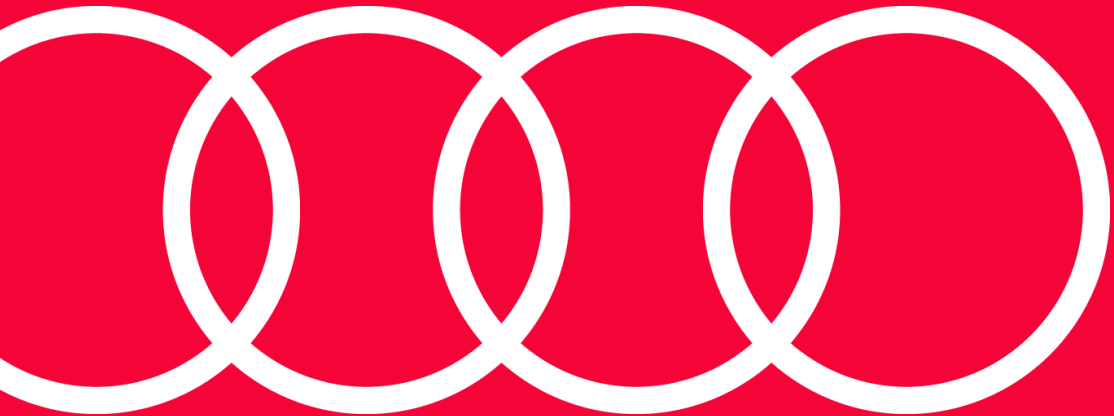


Responsible Supply Chain Strategy:

Aluminium as an example @ Audi

Aluminium Business Summit

Alois Winkler, Sustainability in the Supply Chain | 28.09.2021

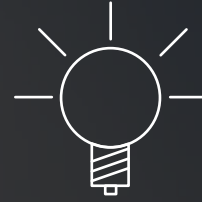




Politics and
legislation set clear
guidelines



Our own self-
commitments and
principles are trend-
setting for us



Audi stands out
from competitors by
innovative and
sustainable
solutions and
products



Society and
customers
communicate clear
expectations of Audi



DUTY



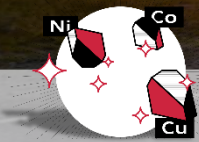
REPUTATION

Our responsibility in the supply chain

The amount we
spend and invest
in our supply chains
is our lever for
creating impact
in the most
responsible way.

more than **14,000**
direct business partners

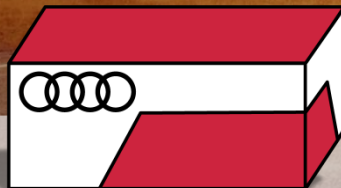
direct business relations with
more than **60** countries



Resources



Suppliers



Production



Vehicle use



Recycling

Sustainability strategy supply chain

S-Rating



Audi CO₂ Program
in the supply chain

Sustainability radar for
the supply chain



Sustainability Strategy for Aluminium

Aluminium Stewardship Initiative



Low Carbon Aluminium & Aluminium Closed Loop



Low carbon alloy wheels & new alloys with higher share of secondary aluminium



ENVIRONMENT

COP21 · CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE



By 2025
we aim to reduce
CO₂ emissions by ~30%



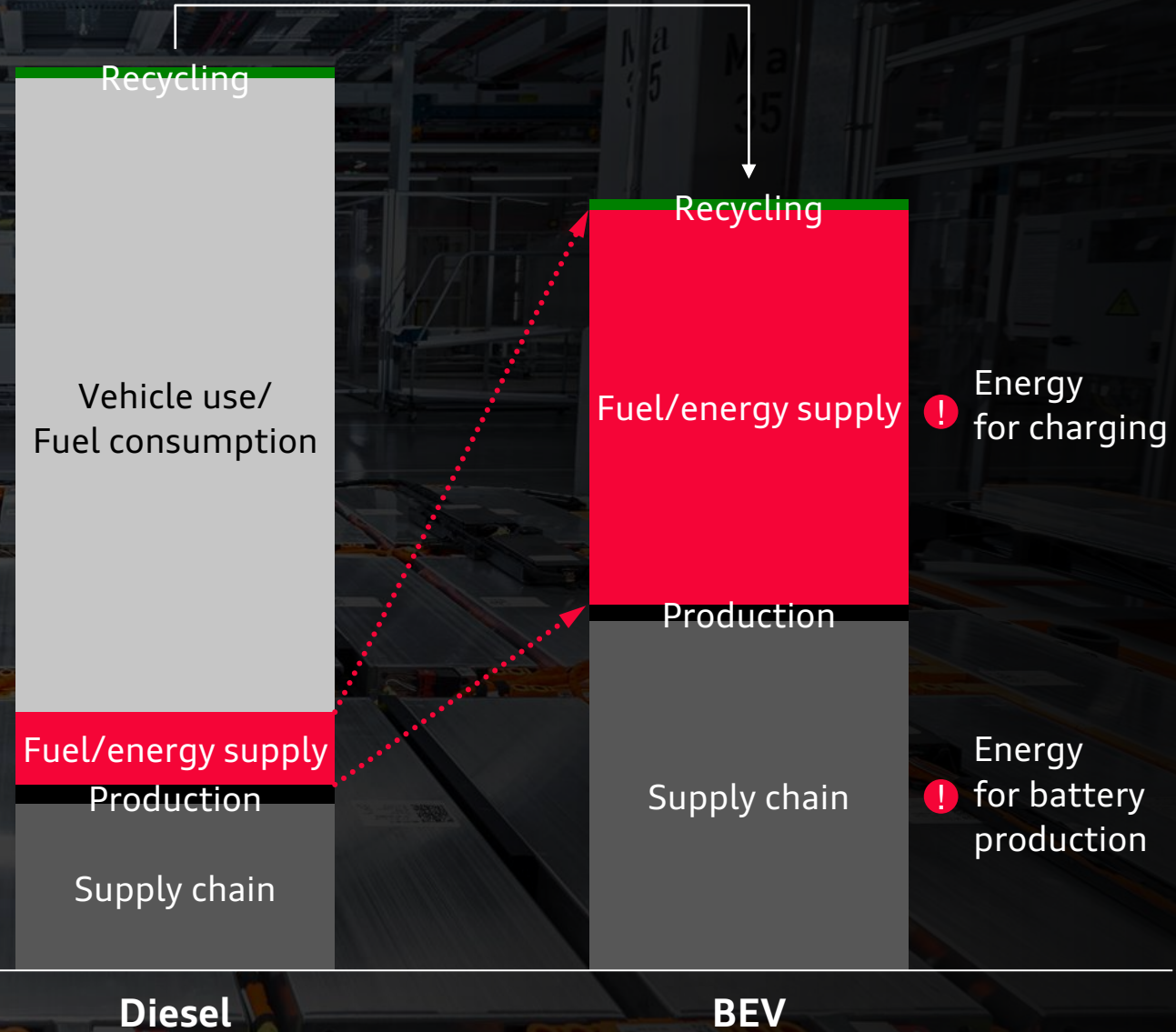
By 2050
we aim to achieve
corporate-wide
carbon neutrality
on balance

Goal
carbon neutrality



ENVIRONMENT

The supply chain as a future differentiator to stand out from the competition regarding CO₂-neutrality of BEV.
(tCO₂/vehicle before optimization)



ENVIRONMENT



Supplier workshops



Closing of material loops

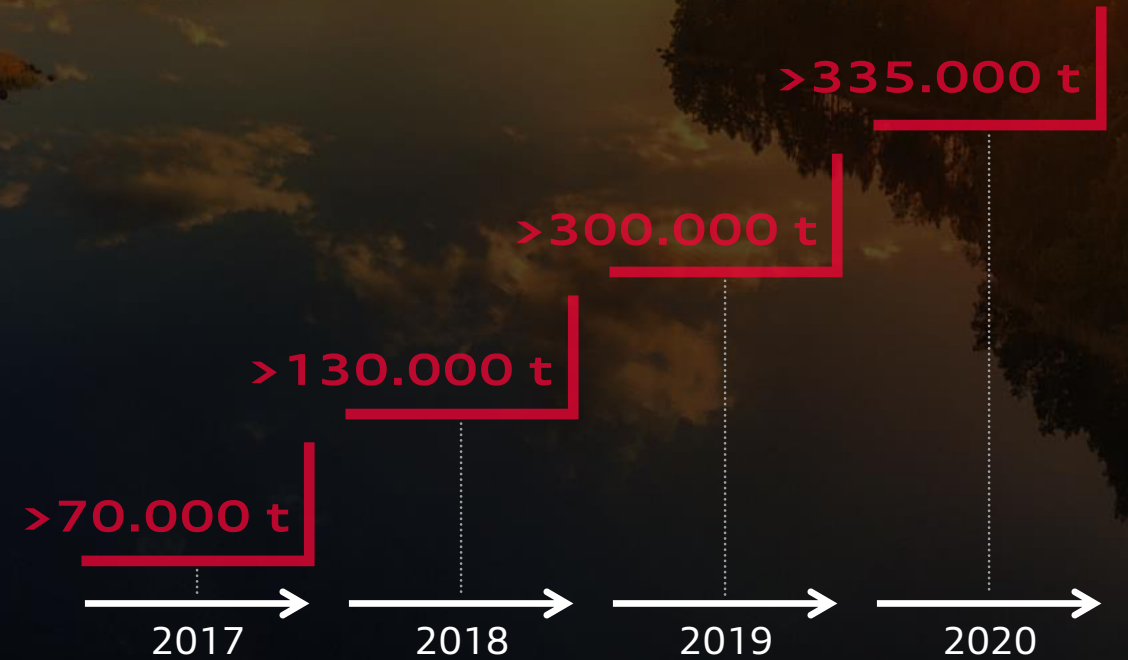


Usage of renewable energies



Increase of secondary material usage

Continuous increase of saved CO₂ emissions on balance



PEOPLE

The ASI as instrument to ensure sustainability throughout the supply chain



First OEM to pass PS & CoC standard certification



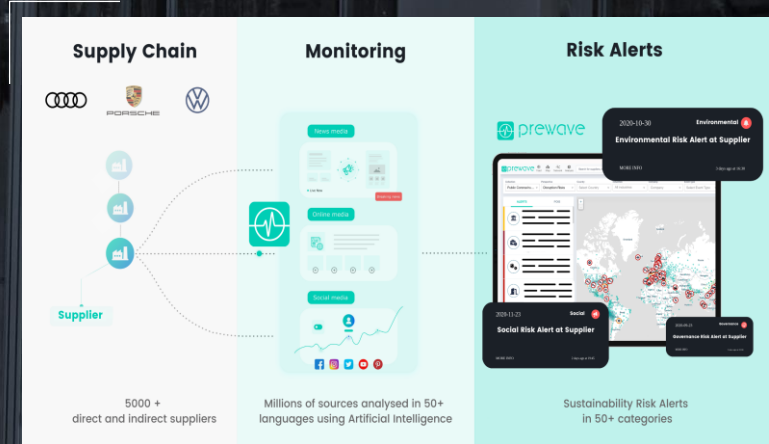
ASI certification is a minimum requirement for automotive body sheet suppliers since 2020



Audi is able to deliver ASI certified scrap through the Aluminium Closed Loop



INNOVATION



New materials & solutions:

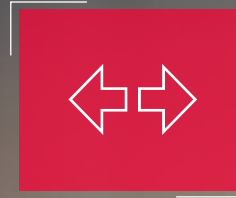
- Low carbon primary aluminium
- New alloys with increased share of secondary aluminium

New technologies :

- Enable us to create transparency in the supply chain and identify sustainability risks in a systematic way
- Enable us to screen in real time and respond fast

SUMMARY

The Supply Chain will be the future area of differentiation, therefore an active SCM is of utter importance.



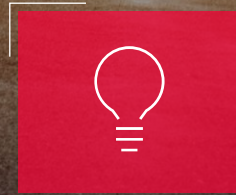
Closing of material loops, usage of renewable energies and the increase of recycled materials are key levers for decarbonization.



Ensuring sustainability standards along the Supply Chain is a must and can best be assured through co-operation and overarching standards like the ASI for aluminium.



New technologies can help to increase transparency and identify risks in order to mitigate it, but can also drive the decarbonization and the ensurance of sustainability standards.



The background features a complex optical illusion pattern. It consists of a grid of small, glowing red and pink dots. These dots are arranged in a way that creates a strong sense of depth and perspective, making the grid appear to recede into the distance. The lines formed by the dots are slightly curved, contributing to the overall 3D effect. The color palette is primarily red and pink, with some darker areas where the dots are more densely packed or where the background is black.

Questions ?