

XAAS FAST FACTS



CAR-AS-A-SERVICE (CAAS)



EQUIPMENT-AS-A-SERVICE (EAAS)



WHITE GOODS-AS-A-SERVICE (WGaaS)

SCALE OF THE PROBLEM

570 MILLION TONNES

of total carbon emissions in Europe from passenger vehicles

> 90%

of machinery and equipment CO₂ footprint from indirect emissions (upstream and downstream Scope 3)

5.5%

of total consumer expenditure for furniture, household appliances and maintenance

33%

increase of transport-related emissions since 1990

21.8 MILLION TONNES

of ferrous metal scrap in the EU-27 manufacturing sector in 2018

24.2 TWH ELECTRICITY **1.5** BILLION LITRES OF WATER

annual consumption from residential laundry

XAAS IMPACT POTENTIAL (EU)

71 MILLION TONNES

CO₂ reduction until 2030 through avoided BEVs and BEV-related improvements

1-2 MILLION TONNES

of ferrous scrap decrease and related Scope 3 emissions in the manufacturing sector if XaaS resource efficiency can be applied

43-76 EUR

potential savings for a typical household per year by improving lifecycle resource efficiency

up to **39%**

TCO reduction potential from carsharing optimized for circularity

37-65%

CO₂ savings from EaaS optimized for circularity and resource efficiency

1.3 MILLION TONNES

of CO₂ emissions reduction through adoption of WGaaS until 2030