“Industry’s perspective on the future role of electro-mobility - the view of TESLA.”

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IEA-ETSAP workshop on “Decarbonizing the Transport Sector”
ETHZ, Zürich, 12 Dec. 2017
OUR MISSION

Accelerate the world’s transition to sustainable energy
OUR ECOSYSTEM

Harvest Energy

Energy Storage

Sustainable Transport
WORLD-CLASS MANUFACTURING

- Tesla Manufacturing Facility
  Fremont, CA

- Tesla Gigafactory 1
  Sparks, NV

- Tesla Assembly Plant
  Tilburg, Netherlands
INFRASTRUCTURE

Retail Stores
Service Centers
Charging Network
SERVICE CENTERS

Zero Profit Service Model

Mobile Ranger Service

Highest Service Rating
BREATHROUGH TECHNOLOGIES

Safety
Electric All-Wheel Drive
Tesla Autopilot
MOST CONNECTED CAR

Over-the-Air Updates

Tesla App

Fleet Learning
Advanced Sensor Coverage | Processing Power Increased 40x | Full Self-Driving Capability
SAFEST CAR GETS SAFER

Driver’s Assistance
Austosteer
Auto Lane Change
Autopark
Side Collision Warning
TESLA PRECISION MAPPING

Normal Navigation Map

High Precision Map
CHARGING SIMPLIFIED

Home Charging
AC 11 (16A 230V 3X)
50 km/hour

City Charging
AC 16.5 kW charger (16A 400V)
80 km/hour

Tesla Superchargers
DC Tesla Supercharger (330A 321V)
557 km/hour
TESLA INFRASTRUCTURE IN SWITZERLAND
VIRTUALLY SELF MAINTENANCE

Over-the-Air update  |  Remote Diagnostics  |  Smart Alerts
Core values & Decarbonization:

No fossil energy
No exhaust pipes
Silence
User Interface
Digitalized and connected vehicle
Safety
THE FUTURE WE WANT

THANK YOU FOR YOUR ATTENTION!
DO YOU HAVE ANY QUESTION?