

austriatech


**How to implement charging
infrastructure in existing
residential buildings?**

**e-MOTICON FINAL EVENT
March 26, 2019 Milan, Palazzo Lombardia
Christian STEGER-VONMETZ**

About us

- We are a **federal company** owned by the Austrian **Federal Ministry of Transport, Innovation and Technology**.
- We are a think tank with about **50 employees**.
- We are a **neutral partner** who coordinates between infrastructure operators, industry and government institutions.
- We support the **development of new mobility technologies**, such as ITS and electromobility and their integration into the transport system.
- We are a driver of **technological and organizational developments** and **development processes** and operate quality control for mobility services.
- We offer **content consulting** for legal requirements, based on the comprehensive technological knowledge of our specialized experts.


Our fields of action and expertise



Digital Infrastructure



Mobility as a Service



Connectivity



Decarbonisation



Automated Mobility

Our Activities

Federal Ministry
Transport, Innovation
and Technology

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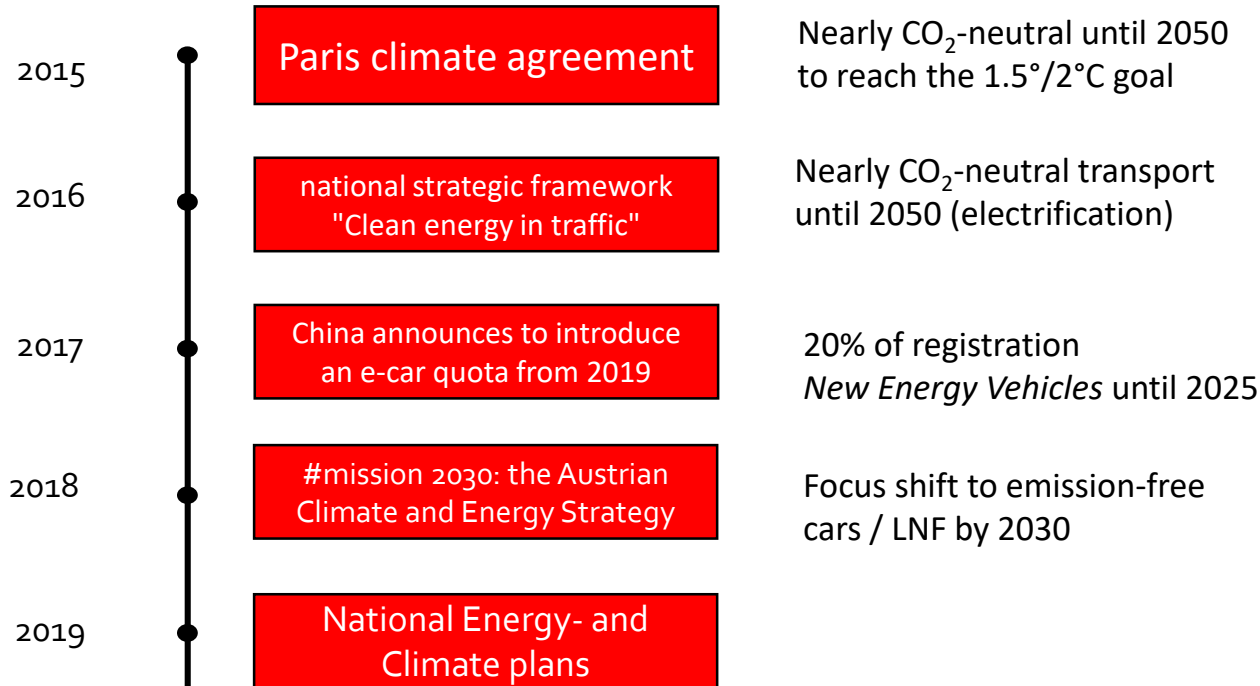


AustriaTech publishes monthly the latest facts & figures on e-mobility. They are available on our website.



AustriaTech monitors developments of Electromobility with focus on charging infrastructure, vehicle deployment and regulatory framework. With the contribution in working groups and networking events AustriaTech supports the ministry regarding the increasing activities of Electromobility.

What drives us

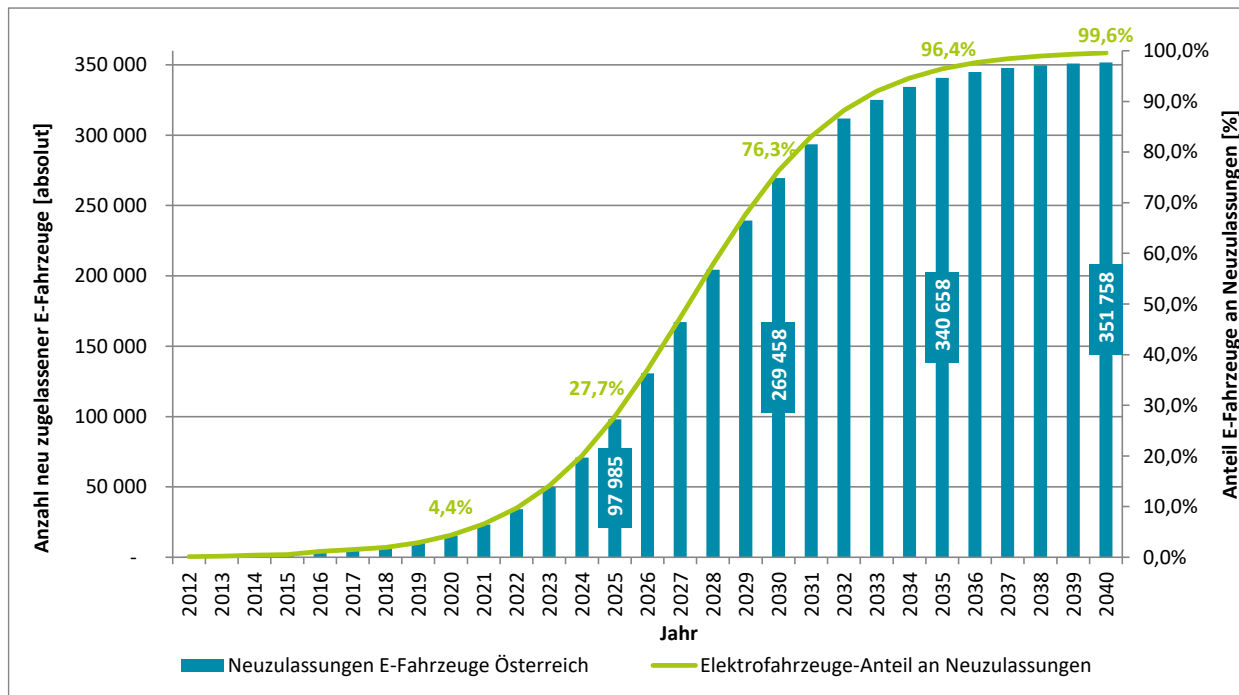


EU Fleet Targets

The EU Fleet Targets are a big incentive to introduce e-cars. Otherwise high penalties are imminent.

Development of new EV-registrations to reach the goal

(BEV* und PHEV**)



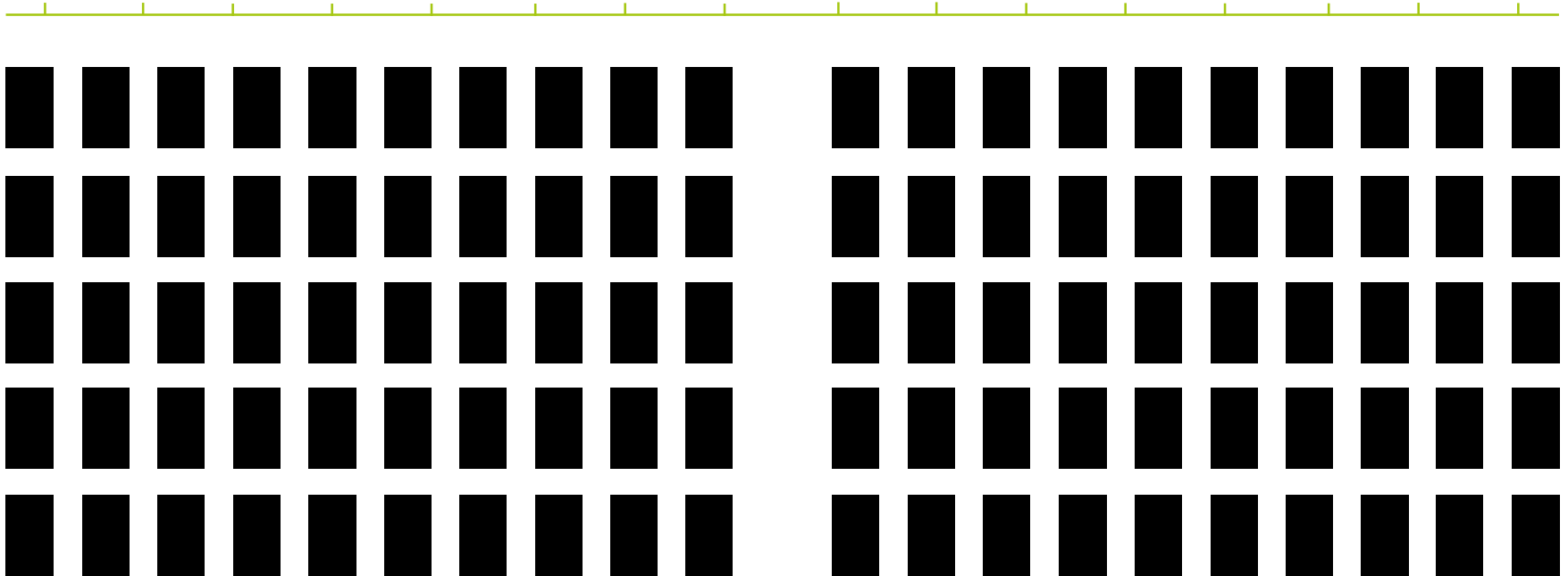
**Nearly 100%
by 2036**

*BEV ... Battery Electric Vehicle

**PHEV ... Plug-In-Hybrid Electric Vehicle

Electrifying parkings in residential buildings

2020

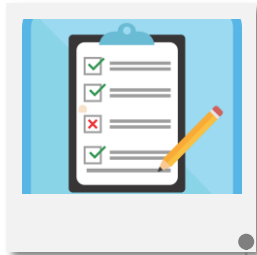


Challenges

**Create
Know-how**



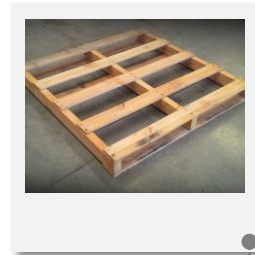
**Processes
guidelines**



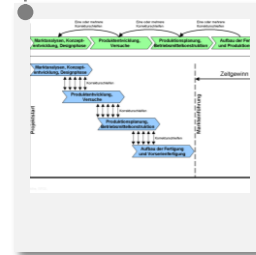
**Legal adjustments
„Right to plug“**



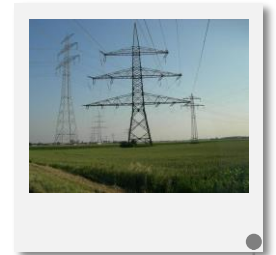
Standards



**Product
development**



Grid expansion

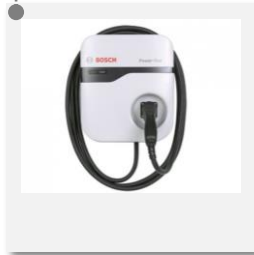


Challenges

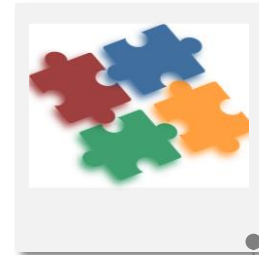
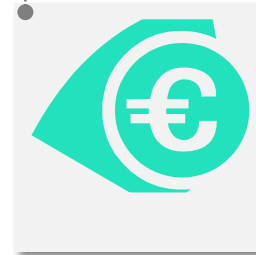
Tariff



Operator models



Funding and financing instruments



Trainings

Interfaces

Power Production and storage

We need charging infrastructure in residential buildings!



- Strong increase in charging infrastructure from 2020+
- Network-friendly charging only possible with integrated solution
- Diverse challenges but also opportunities for all
- That's why we start with the E-Mobility-Check now!

Steps towards a charging infrastructure

Analysis

needs analysis

inventory

Follow-up questions
e-Mobility Check
Planning

cost estimate

funding opportunities

Decision

Info residents / owners

Forming of opinion

operator model

proposed resolution

house meeting

Ev. Uncontested proceedings

Implementation

announcement

commissioning

Effort stock

installation

Info / Training

Integration Billing

e-Mobility Check includes:



- sound inventory
- plan for the gradual implementation of charging infrastructure
- uniform and recognized quality criteria
- cost estimate
- recommendation for action
- **will be available by the end of 2019**

Thank you for your attention

Speaker

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