

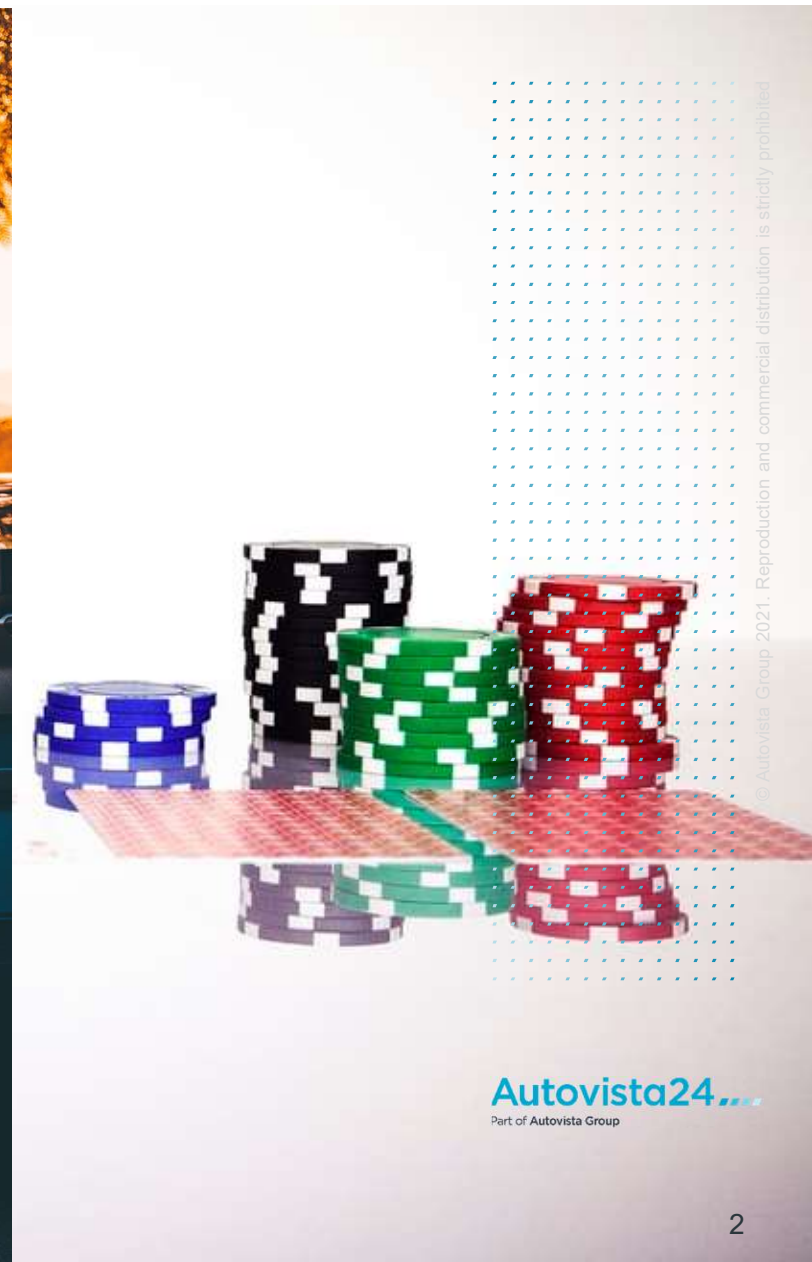
The EV-Subsidies Gamble – Impact on New- and Used-Car Markets

Webinar/ Sep 22 2021

Autovista24 Part of Autovista Group



Phil Curry
Editor
Autovista24





Agenda

- State of Europe's EV market
- Market-Adoption Conundrum – New vs. Used
- Learnings from Norway
- Summary
- Q&A

Autovista24.com – your essential automotive multimedia platform

Yes, sign me up to Autovista24

Email address * Company * Country *

* Mandatory

Sign up to receive the following email:

Autovista24: Essential automotive reading, data and intelligence – a daily update from the new Autovista24 website sent daily by Autovista Ltd, in English

We use pixels in our emails to monitor whenever you open, forward or click on the URLs in our emails. This helps us to monitor and measure the performance and effectiveness of our emails. We combine this with the information you provide above and your browsing information so that we can better tailor and improve our marketing to you and personalise your user experience on our website. By signing up, you are consenting to the use of your data for the purpose of sending you the selected emails and to the use of tracking pixels. You can withdraw your consent to receive our emails and the related tracking at any time by following this link to our Email Preference Centre and updating your preferences. For additional information on the processing of your personal data, please refer to the Autovista Group Privacy Policy and the Autovista24 Privacy Policy.

SIGN ME UP

Latest Long read Podcast Video Webinar Editor's Choice autovistagroup.com Products

Autovista24 Part of Autovista Group

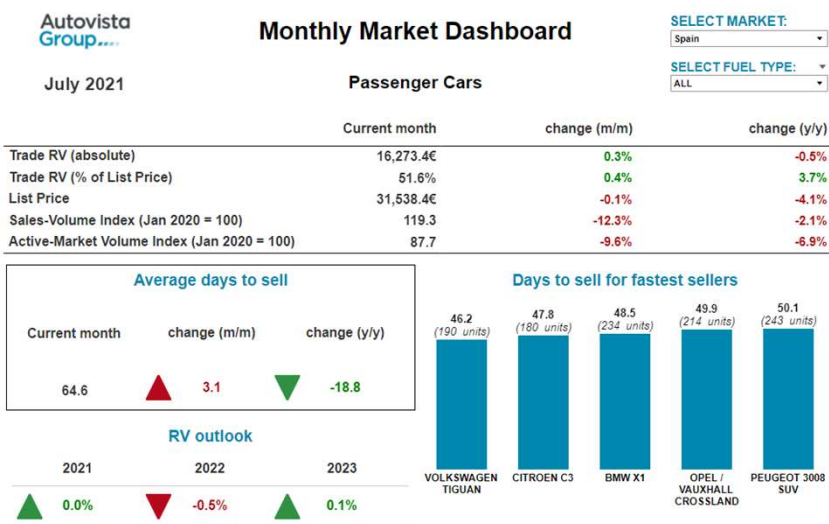
New vehicles Used vehicles Region Tech Companies Sustainability Trending

COMPANIES How are vehicle manufacturers handling the switch to electric? 28 July 2021

TECH Magna magnifies automotive position with acquisition and joint venture 30 July 2021

TECH The UK could leapfrog other markets in race to hydrogen technology 30 July 2021

COMPANIES VW consortium launches Europcar takeover bid 29 July 2021



What is? View more

COMPANIES What is type approval? 27 July 2021

TECH What is an autonomous vehicle? 28 June 2021

NEW VEHICLES What is SAAR and why is it important? 26 June 2021

NEW VEHICLES What is total cost of ownership? 28 April 2021

COMPANIES What is residual value? 30 March 2021

New vehicles View more

NEW VEHICLES Launch Report: Hyundai Ioniq 5 – futuristic design and features 23 July 2021

NEW VEHICLES The new Q4 e-Tron and Ioniq 5 offer high quality and progressive design 22 July 2021

NEW VEHICLES June EU new-car registrations highlight the fragility of market recovery 18 July 2021

NEW VEHICLES Launch Report: How does Renault's hybrid-only Arkana C-SUV coupe fare? 09 July 2021

NEW VEHICLES C-SUV EVs offer compelling total-cost-of-ownership advantages over hybrid and ICE models 08 July 2021

Used vehicles View more

USED VEHICLES UK used-car market looking bright for rest of 2021 29 July 2021

USED VEHICLES Monthly Market Update: Stable used-car demand and undersupply drive RV improvements 26 July 2021

USED VEHICLES Used-car market update: The UK starts to return to business as normal 22 July 2021

USED VEHICLES How are the UK's new and used-motorcycle markets performing? 16 July 2021

USED VEHICLES How sought-after are used SEAT models? 06 July 2021

Autovista24
Part of Autovista Group

Today's Experts



**Dr Christof
Engelskirchen**

**Chief Economist
Autovista Group**



Roland Irle

**Managing Director
EV-Volumes**



Robert Madas

**Head of Valuations &
Insights AT, CH, PL**



Geir Kristoffersen

**Managing Director
Rødboka Norway**

Survey results

How concerned are you about the remarketing of used EVs (BEVs and PHEVs)?

- Very concerned – I expect an oversupply of used EVs and high subsidies are making things worse
18%
- Mildly concerned – There will be an oversupply in some countries but others will be able to absorb the volume
55%
- Not concerned – EV residual values are already at an all-time low and cannot fall further
16%
- Quite the opposite – EV remarketing is not a concern with latest EV generations; used-car market adoption will develop highly favourably over the next few years
11%

Results taken from live webinar poll of attendees on 22 September 2021

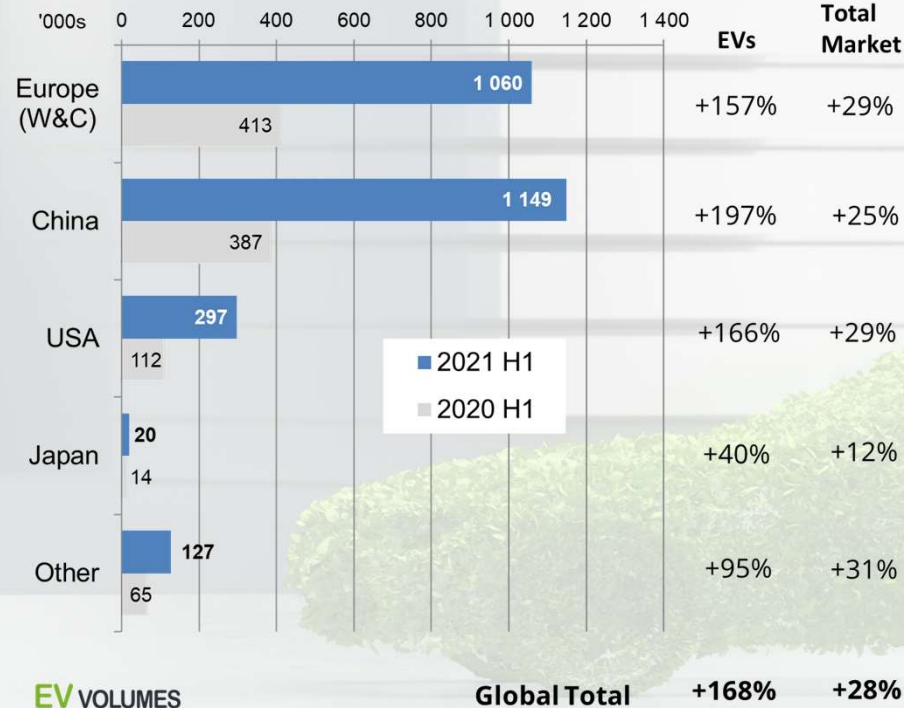
State of Europe's EV market

YTD Unit Volume Growth 2021 H1



W&C Europe

BEV+PHEV SALES AND % GROWTH



Vehicle Category (All)

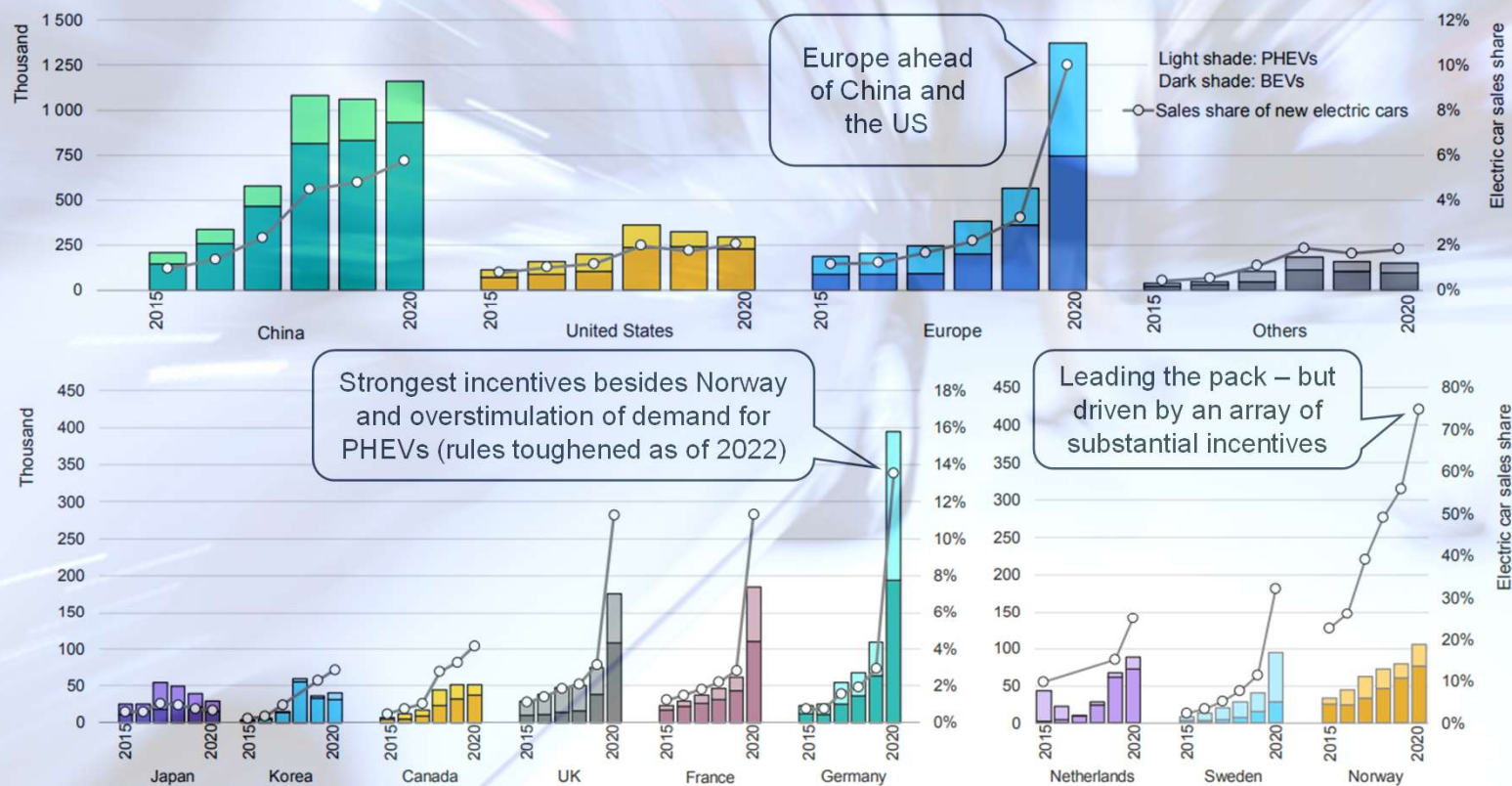
Region Europe
Country (Multiple Items)



For Europe we expect 16 % EV share for the full year of 2021

Global EV share H1: 6,4 % in 2021 vs 3,0 % in 2020

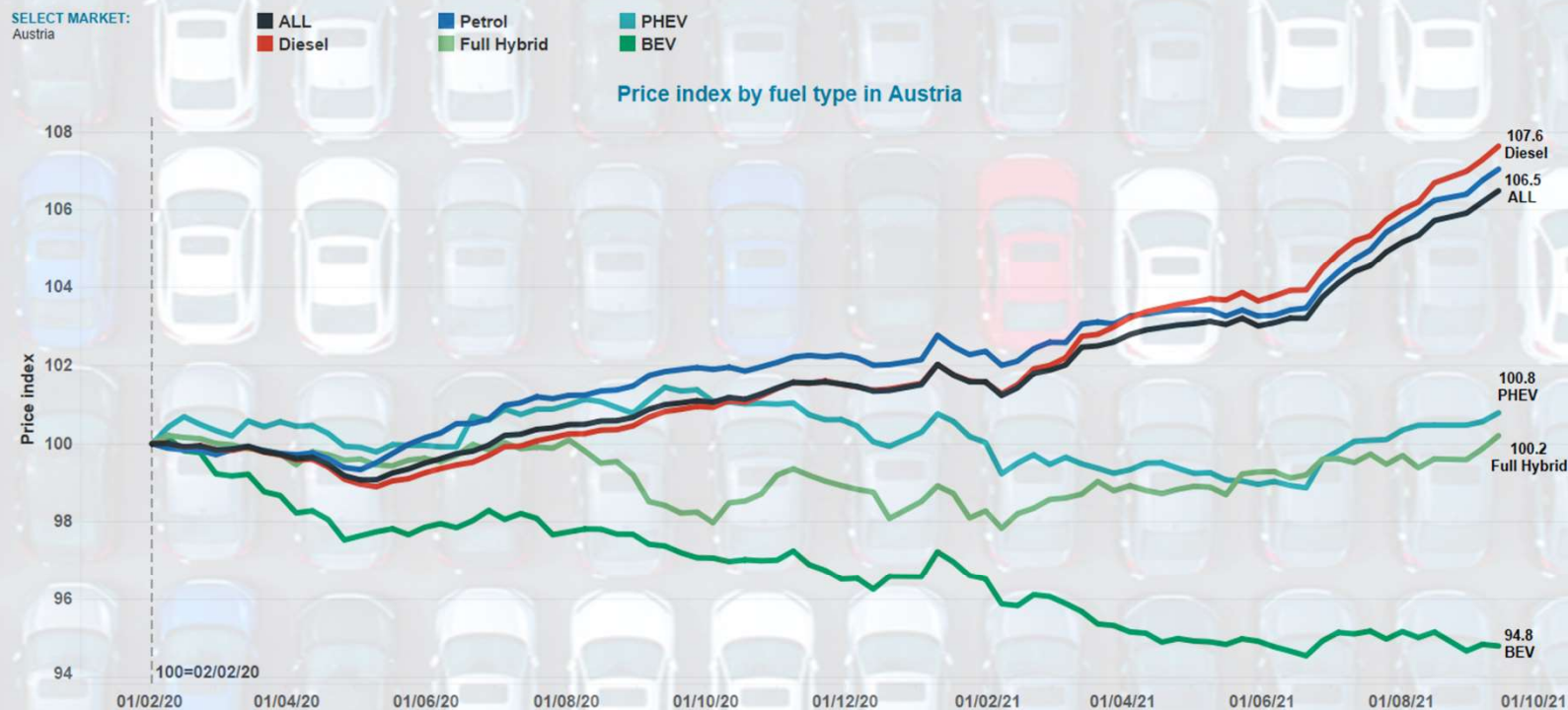
Electric Car Registrations and Market Share 2015-2020



Source: IEA Global EV Outlook 2021. All rights reserved.

Market Adoption Conundrum – New vs. Used

Development of Asking Prices by Fuel Type (Example: Austria)



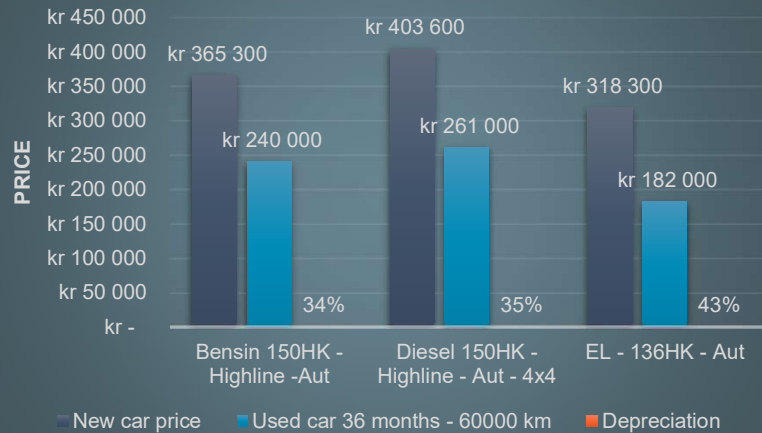
The price index shows the indexed average movement of the absolute price of all vehicles on offer. We control for vehicle-specific factors, like make, model, age, mileage and optional equipment. We control for changes in basket composition over time as well as aging of the vehicle over time. How to read: if the index moves from 1 to 0.99 in one week on average you would need to pay 1% less for the same vehicle than the week before.

- Asking prices in the used car market have increased steadily since mid 2020
- On average prices are well above pre-coronavirus levels
- However, BEVs show a different development: they have been under pressure
- PHEVs have shown a better performance but are also well below ICEs
- High government incentives for new EVs will affect used car values in the future due to supply-demand imbalance

Learnings from Norway

Residual value comparisons of popular models in Norway

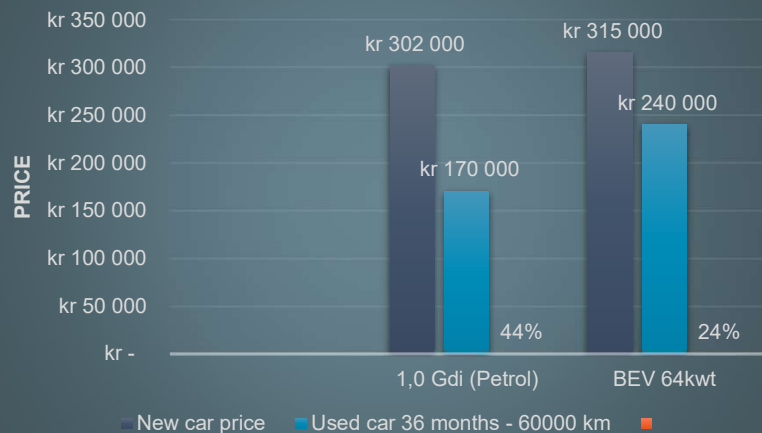
VOLKSWAGEN GOLF



HYUNDAI IONIQ



HYUNDAI KONA



- Norway has electricity produced from water
- Electricity prices are among the lowest in Europe
- BEV Golf: highest depreciation among the three options due to high volume
- TCO advantage of BEV over ICE: lots of soft benefits, lower insurance, lower utilisation cost, but slightly higher depreciation

Summary

- Market share of EVs in Europe has largely grown on the back of incentives
- Incentives in Europe are substantial, inconsistent and create challenges for remarketing
 - Oversupply
 - Pressure on residual values
- EV technology ages faster than ICE – this will continue to affect RVs
- Incentives will continue to be the driving force for EV adoption unless list prices come down – combined with other measures
- Demand for used EVs must to be stimulated, e.g. with incentives or other benefits

Q&A

- Submit your questions in the box on the right of the screen
- We will attempt to answer as many as possible in the time available
- We will respond to all unanswered questions after the webinar
- Contact details of our experts to follow...

Next steps

Any questions? Ask the team...

Phil Curry, Editor, Daily Brief
phil.curry@autovistagroup.com

Dr Christof Engelskirchen, Chief Economist
christof.engelskirchen@autovistagroup.com

Geir Kristoffersen, Managing Director, Rødboka, Norway
gk@rodboka.no

Roland Irle, Managing Director EV-Volumes
roland@ev-volumes.com

Robert Madas, Valuations & Insights Manager Eurotax Austria & Switzerland
robert.madas@eurotax.at

Residual Value Intelligence

Request a demo



Tim Budgen, Sales Director
tim.budgen@autovistagroup.com