



Austria's two-phase driving licence and the use of alternative cars and ADAS

Dr. Stefan Ebner

Austrian Driving School Association

DRIVER TRAINING IN AUSTRIA



- 2200 Driving Teachers
- 400 Driving Schools
- Austrian Driving School Association
- Austrian Economic Chamber

- 80,000 category B licences annually
- 10,000 category B from third countries
- Size: family businesses

DRIVER TRAINING IN AUSTRIA



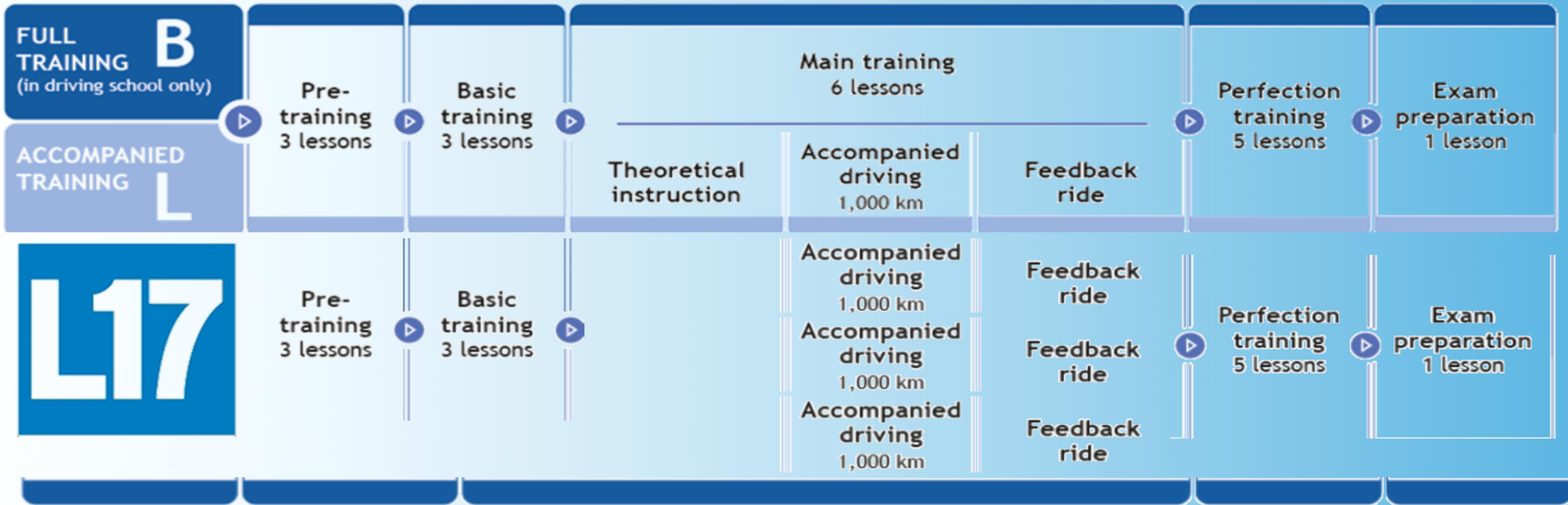
- Half of surface area is mountainous (alps)
- A quarter of highways are bridges, tunnels

Role Model Austria (in four fields):

- Second Phase (Multiphase training)
- EcoDriving
- Driving alone at 17 years (L17)
- Joint periodic training: teachers, examiners

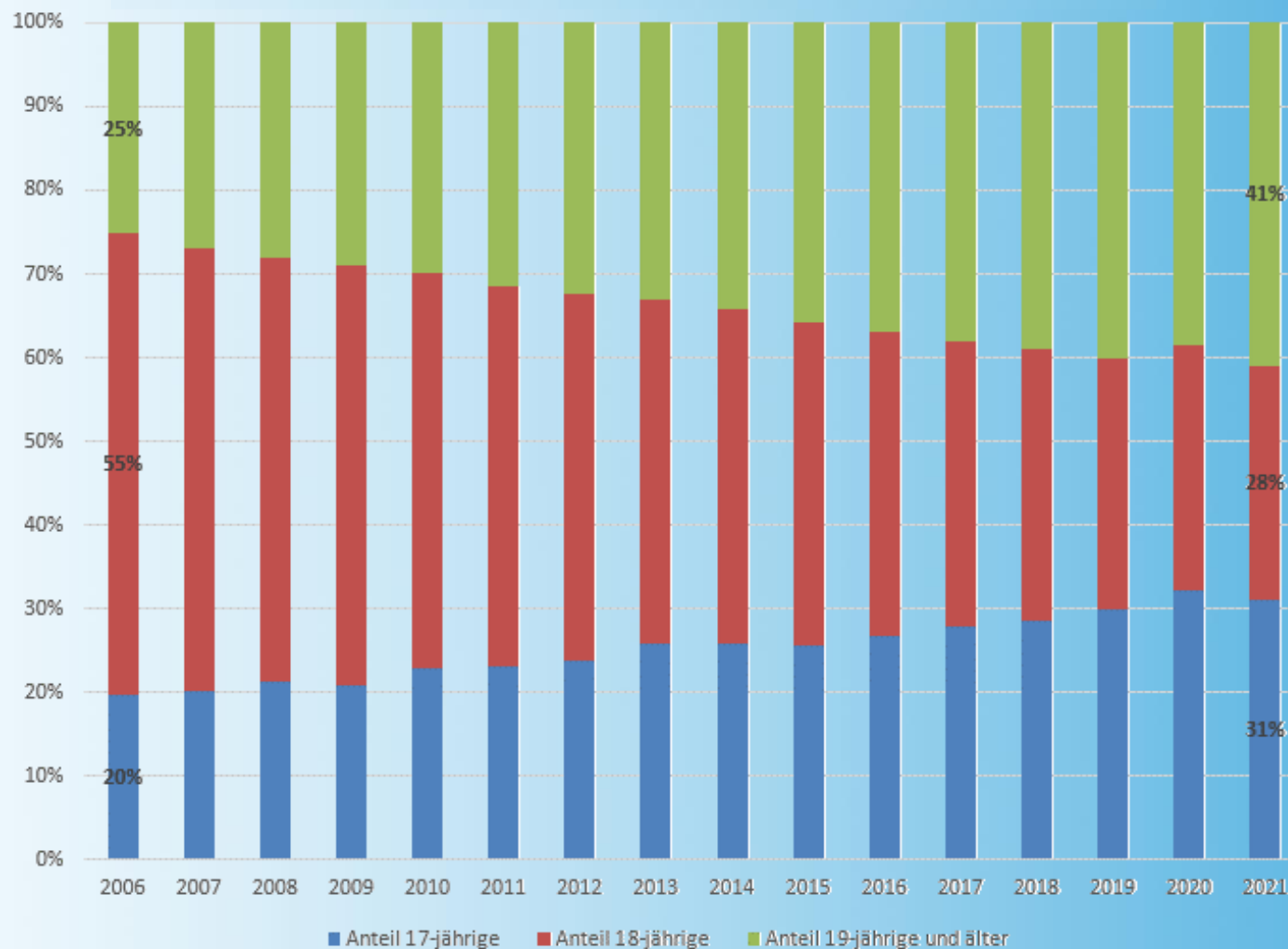


SUCCESSFULLY TO A B-DRIVING LICENCE



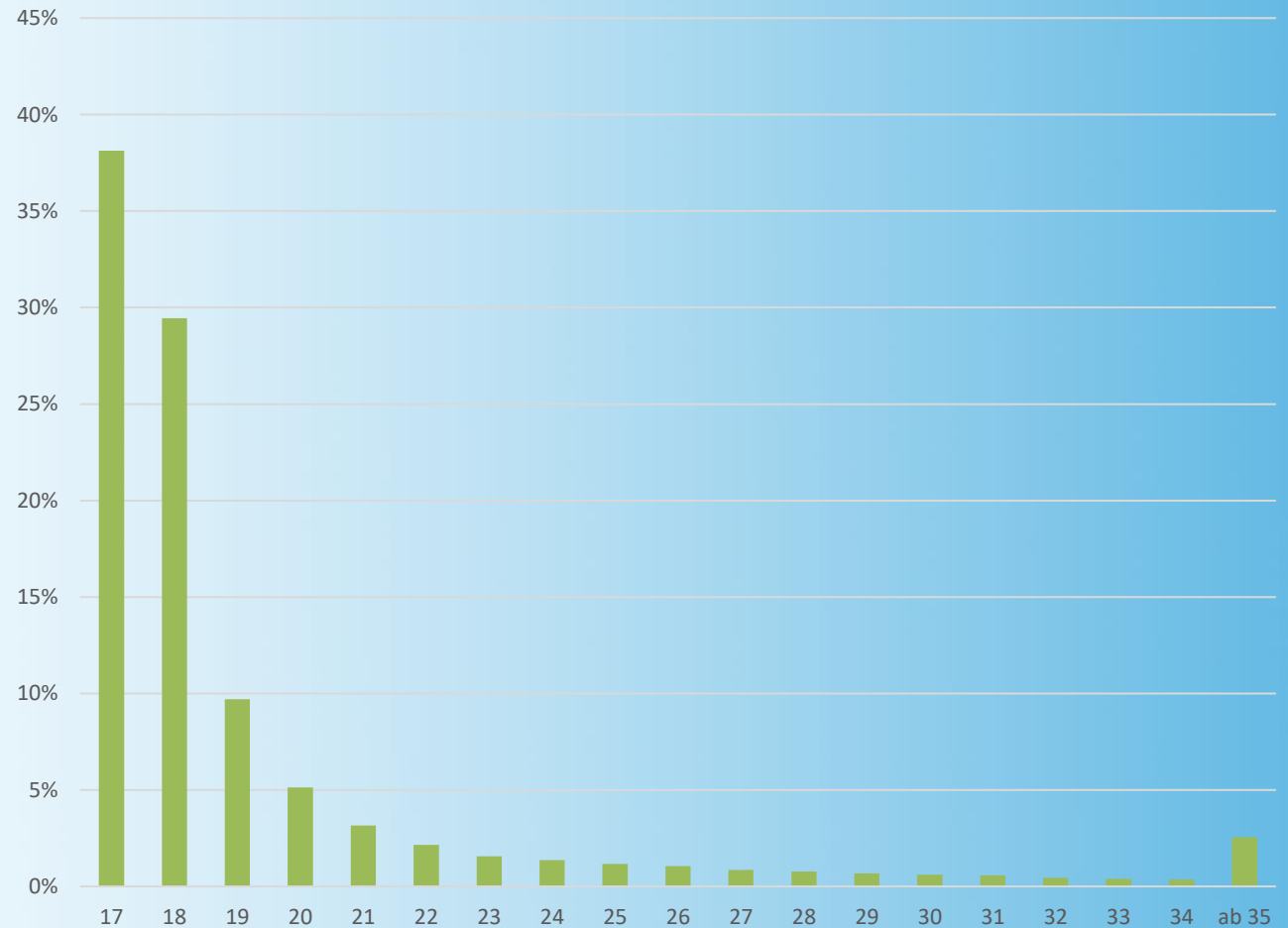


- 17-year-old novice drivers continue to increase
- 40% drive alone in Austria
- 18-year-old novice drivers continue to decrease; older novice drivers continue to increase



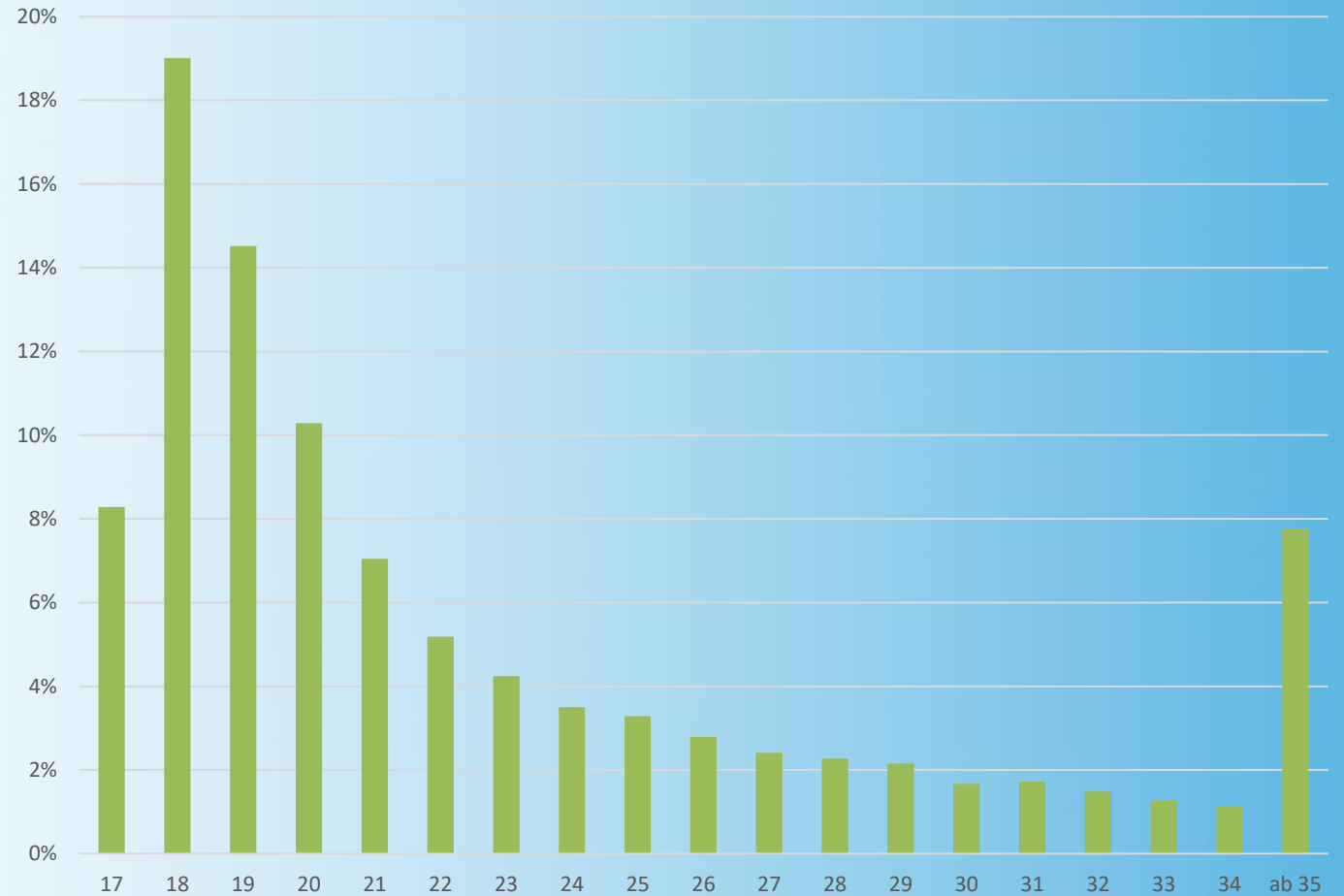


- countryside:
75 percent of novice drivers are aged 17 to 19
- There have been no fewer driving licences issued in recent years (in rural areas)





- in urban areas (Vienna):
40% of novice drivers
are aged 17 to 19
- There have been no fewer
driving licences issued in
recent years (in cities)



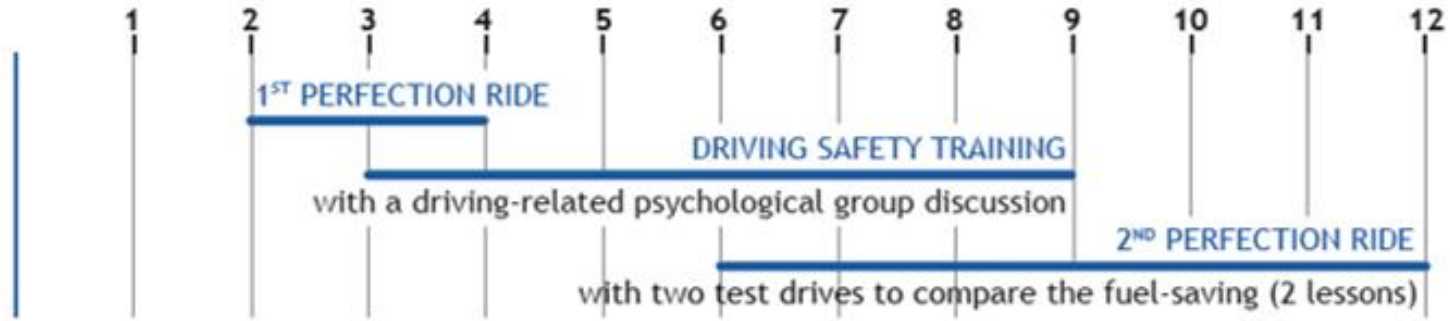
SECOND PHASE TRAINING IN AUSTRIA

Period of 1st year as novice driver (= Second Phase)

Multi-phase training with perfection ride and driving safety training



EXAM





PERFECTION RIDES AND DRIVER SAFETY TRAINING

Step 1

**1st Perfection ride
on the road
(2 units)**

on road
feedback

on-road drive
skill refinement session

Step 2

**Driver Safety Training
in a closed traing area
(8 units) (1 day)**

parcour site
feedback

off-road (on traffic-free site)
skill refinement session

Step 3

**2nd Perfection ride
on the road
(2 units)**

on road
feedback

on-road drive
skill refinement session



PERFECTION RIDES AND DRIVER SAFETY TRAINING

**1st Perfection ride
on the road**

**Driver Safety Training
on a closed training area**

**2nd Perfection ride
on the road**

2-4 months novice driver

3-9 months novice driver

9-12 months novice driver

driving school teacher

driving instructor +
traffic psychologist

driving school teacher

bad driving habits addressed
safety distance are focused on
viewing techniques
acceleration
cruise control

driving skills in borderline
situations
emergency breaking
correcting sliding cars
correcting skidding cars
group discussion (awareness,
distractions)

environmentally conscious and
fuel-efficient driving style
(two 15 min comparison drives)
discussing fuel saving tips:
timely upshifting, low rev-
driving, skipping gears

USE OF ALTERNATIVE CARS



Electric-cars in driving schools (BEV)

VW ID.3, VW ID.4, Audi Q4,
Skoda Eniaq, Hyundai IONIQ5,
Tesla Model 3, Model y



Hybrid-cars in driving schools (PHEV)

Use of ADAS



1st perfection drive

- ACC (active cruise control)
- LGS (lane guard system; lane departure warning)

Driver safety training

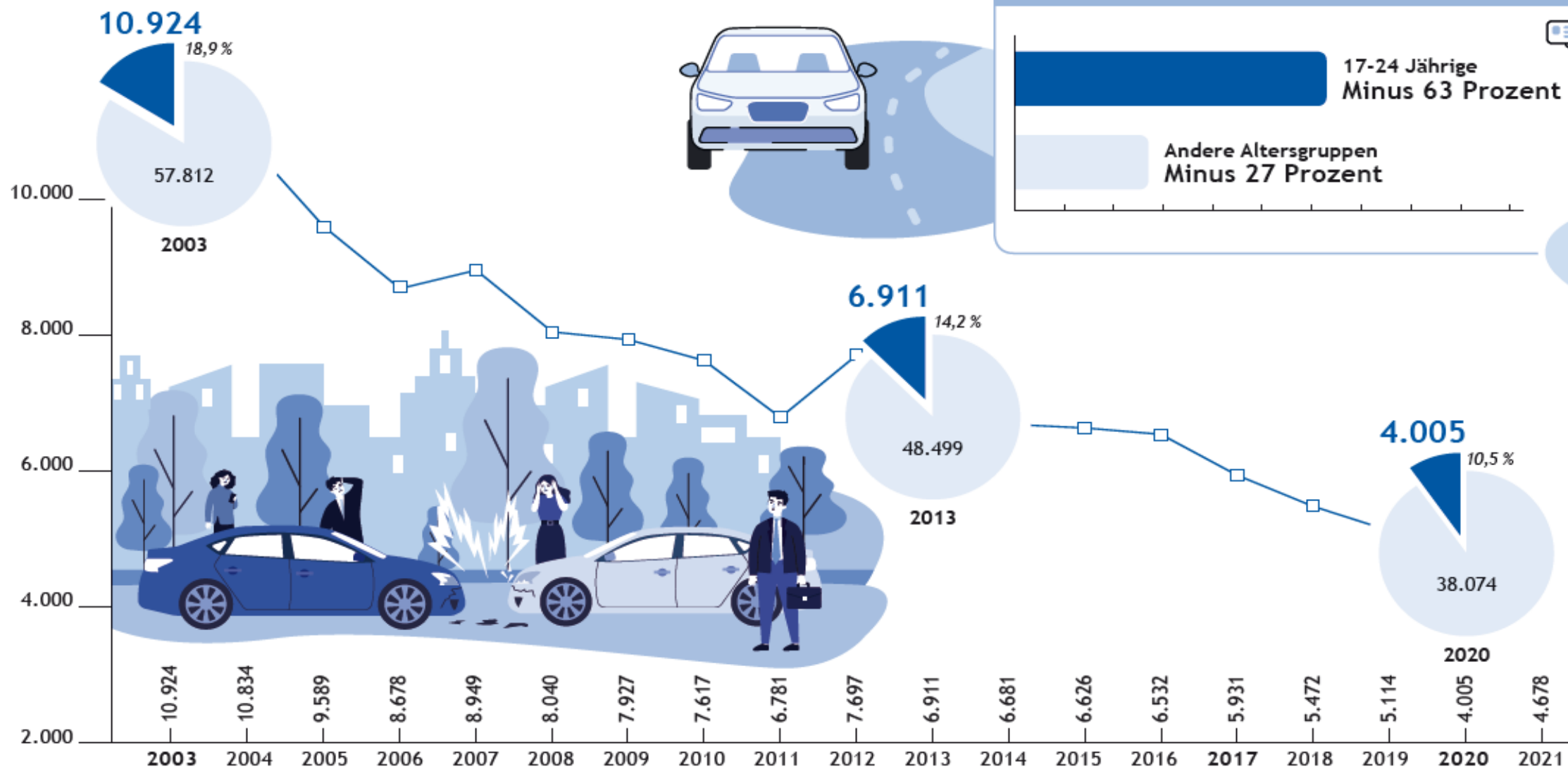
- ESP (electronic stability program)
- BAS (brake assist)
- ABS (anti-lock brake system)

ADVANTAGES OF THE SECOND PHASE

- Novice drivers are supervised in their first year
- Training modules without the stress and anxiety of preparing for an exam
- Novice drivers come to the driving school again (psychological effect)
- Different learning content from the initial training
- Correction of first driving errors in the early stage of driving
- Mutual learning (in group discussions) with traffic psychologists
- Experiences of other novice drivers are transferred to one's own knowledge
- Eco-driving is trained (climate protection)
- Become familiar with alternative vehicles and ADAS

PKW UNFÄLLE MIT PERSONENSCHADEN IN ÖSTERREICH (SEIT MEHRPHASE)

Verletzte junge Lenker (17 bis 24 Jahre) in den vergangenen 20 Jahren



Quelle: STAÏcube - Statistische Datenbank von STATISTIK AUSTRIA





AUSTRIA'S SECOND PHASE TRAINING

[Link: Image Film Second Phase Austria \(5:20 min\)](#)

ECODRIVING TRAINERS (TRAIN THE TRAINER)



- 1000 fuel-saving trainers in driving schools (ministry certification)
- trained by a team of mastertrainers from the driving schools network
- 2 days for cat. B; 3 days for cat. B+C
- The minister hands over the certificate
- Refresher after 5 years

„Electromobility Driving teacher “



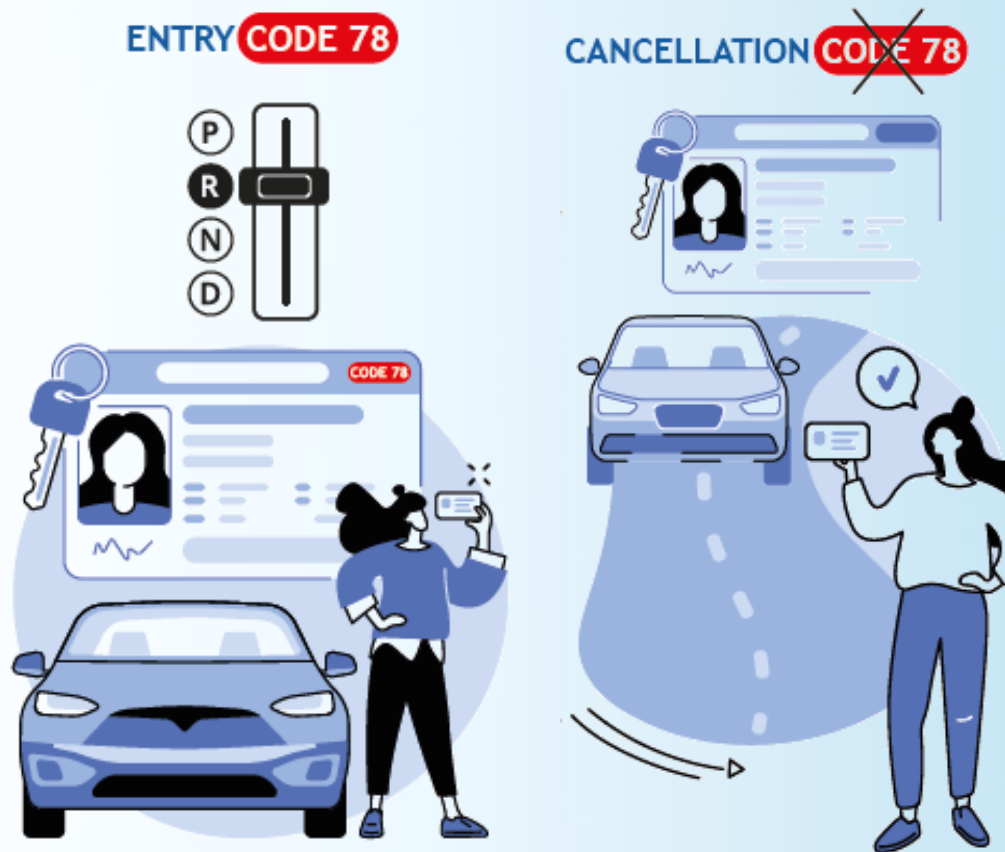
- 300 Driving teachers electromobility in driving schools (ministry certification)
- Refresher after 5 years
- Training content: loading
- range-extending, battery-saving,
- life-extending, cost-saving

Ministry certification for DS with e-cars



- „klimaaktiv mobil driving schools“ are particularly active in climate protection
- Eco-friendly car fleet: at least 1 BEV,
- automatic vehicles purchased in the future must be BEVs
- at least 2 „fuel-saving teachers“
- at least 2 „e-mobility driving teachers“

Demand: Easy cancellation of Code78



- The EU-Directive shall give member states as much freedom as possible how to implement the 7 hours' training on a vehicle with manual gear transmission



THANK YOU FOR YOUR ATTENTION!

Dr. Stefan Ebner

Austrian Driving School Association

Wiedner Hauptstraße 63 | 1045 Vienna

T +43 5 90 900 4028

E stefan.ebner@wko.at

W wko.at/fahrschulen

