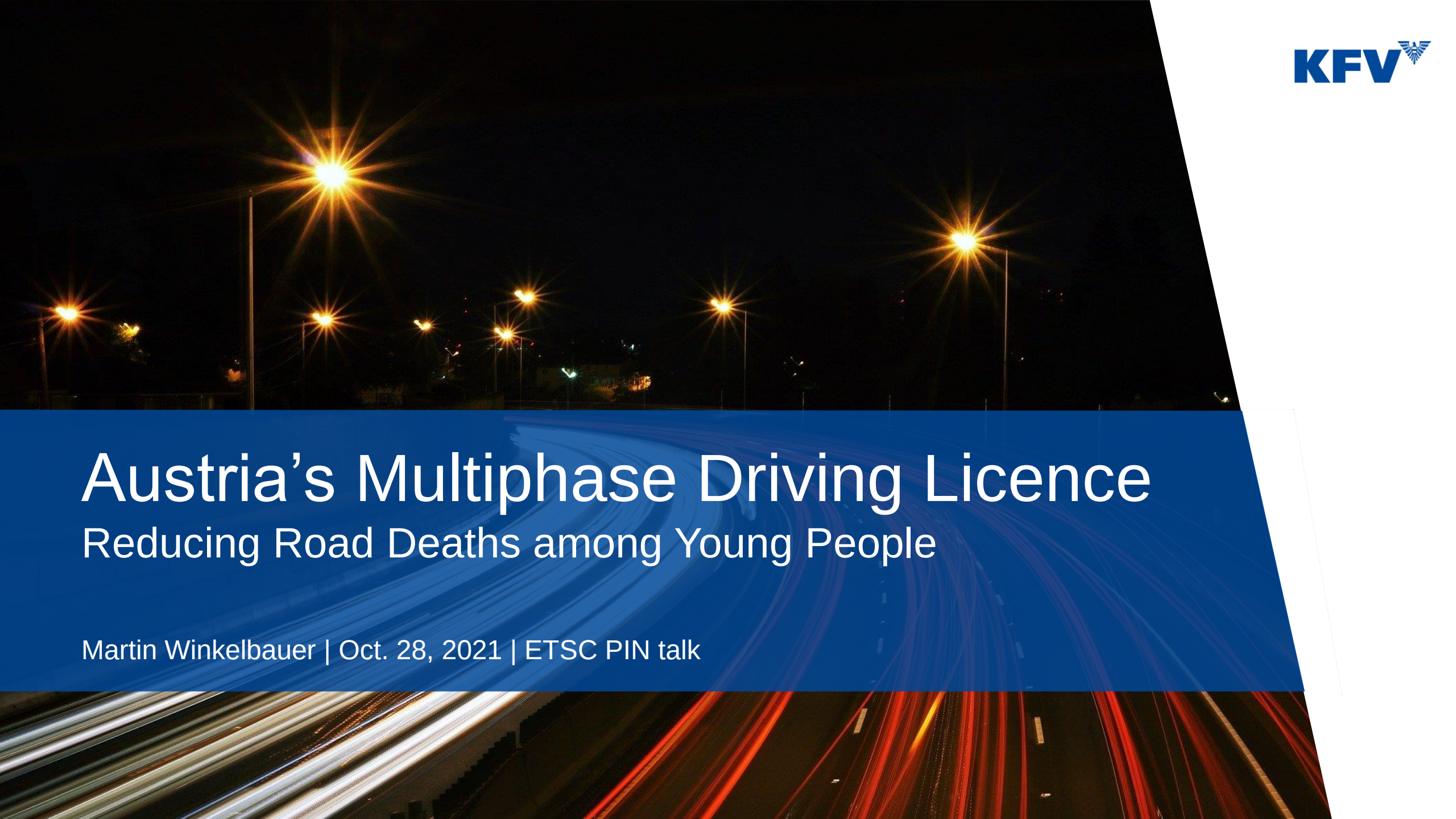


The background of the slide is a nighttime photograph of a road. The upper portion shows several streetlights with bright, starburst-like light flares against a dark sky. The lower portion of the image is a long-exposure shot of a highway, showing vibrant, diagonal streaks of white and red light from moving vehicles, creating a sense of motion and speed.

Austria's Multiphase Driving Licence

Reducing Road Deaths among Young People

Martin Winkelbauer | Oct. 28, 2021 | ETSC PIN talk

Multiphase Licensing Austria

what you can expect today

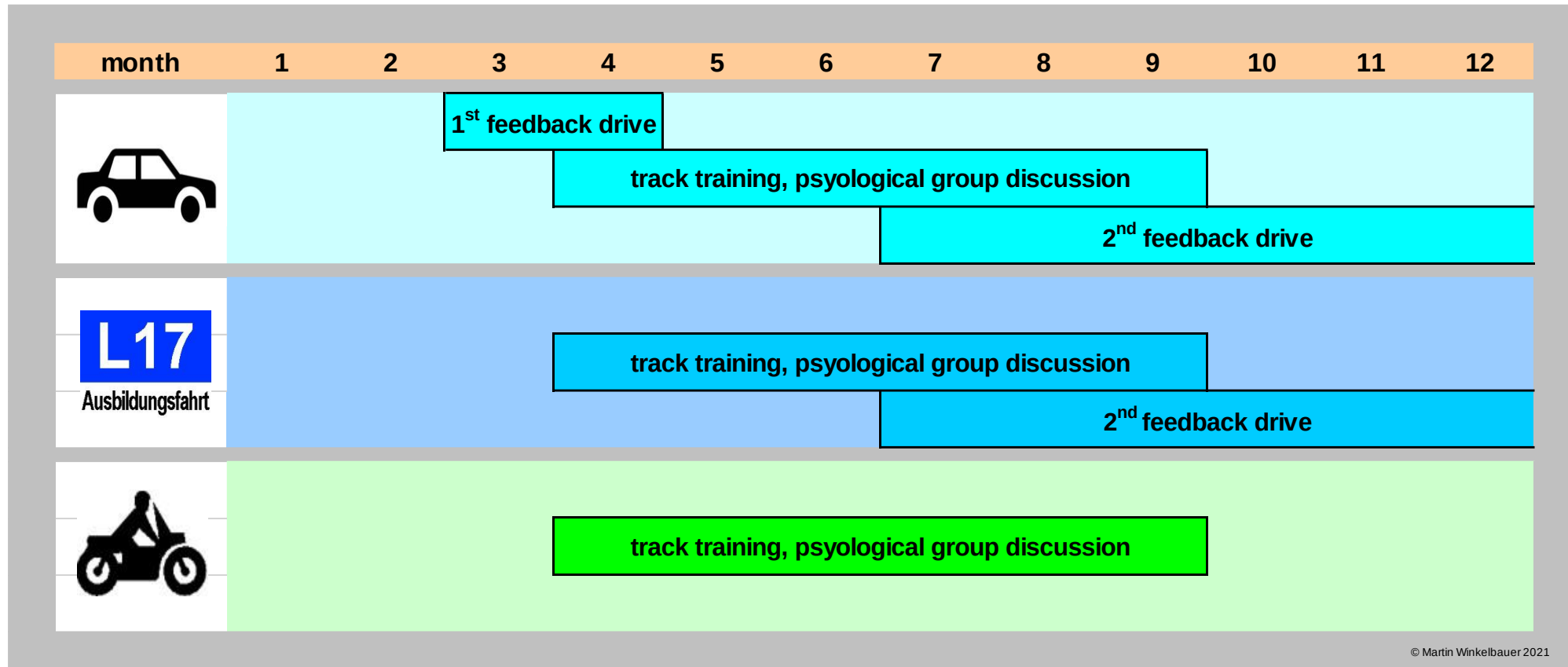
The process

The content

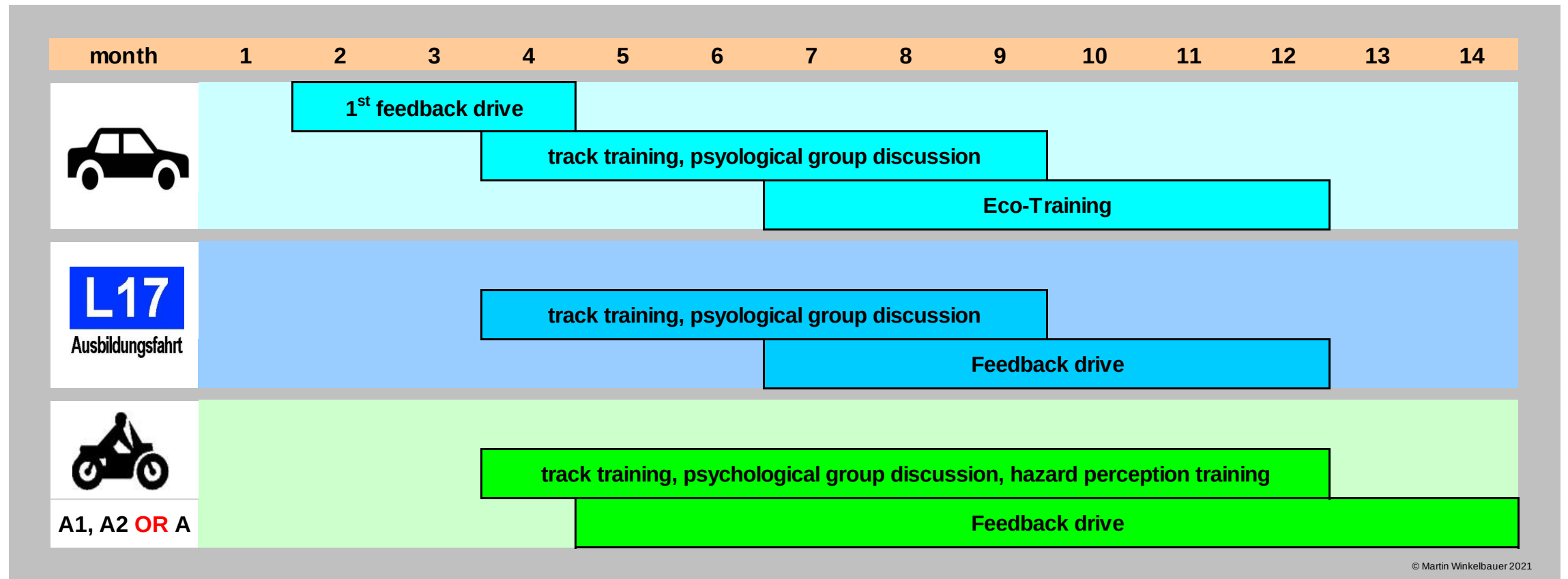
The impact

- Autonomes Fahren

Introduction: 1st of January, 2003



Adaptation: 1st of November, 2008



Phase 2: 1st feedback drive

Duration: 2 hours (50 min)

- Seating position
- Eco-Driving
- Tunnels, Autobahn
- Complex crossing, overtaking
- “Sekundentraining”
- Viewing technique
- 10 min “Kommentiertes Fahren”
- Secondary tasks
- “Gefahrenvermeidungstraining”
- “Dynomentraining”, “3A-Training”

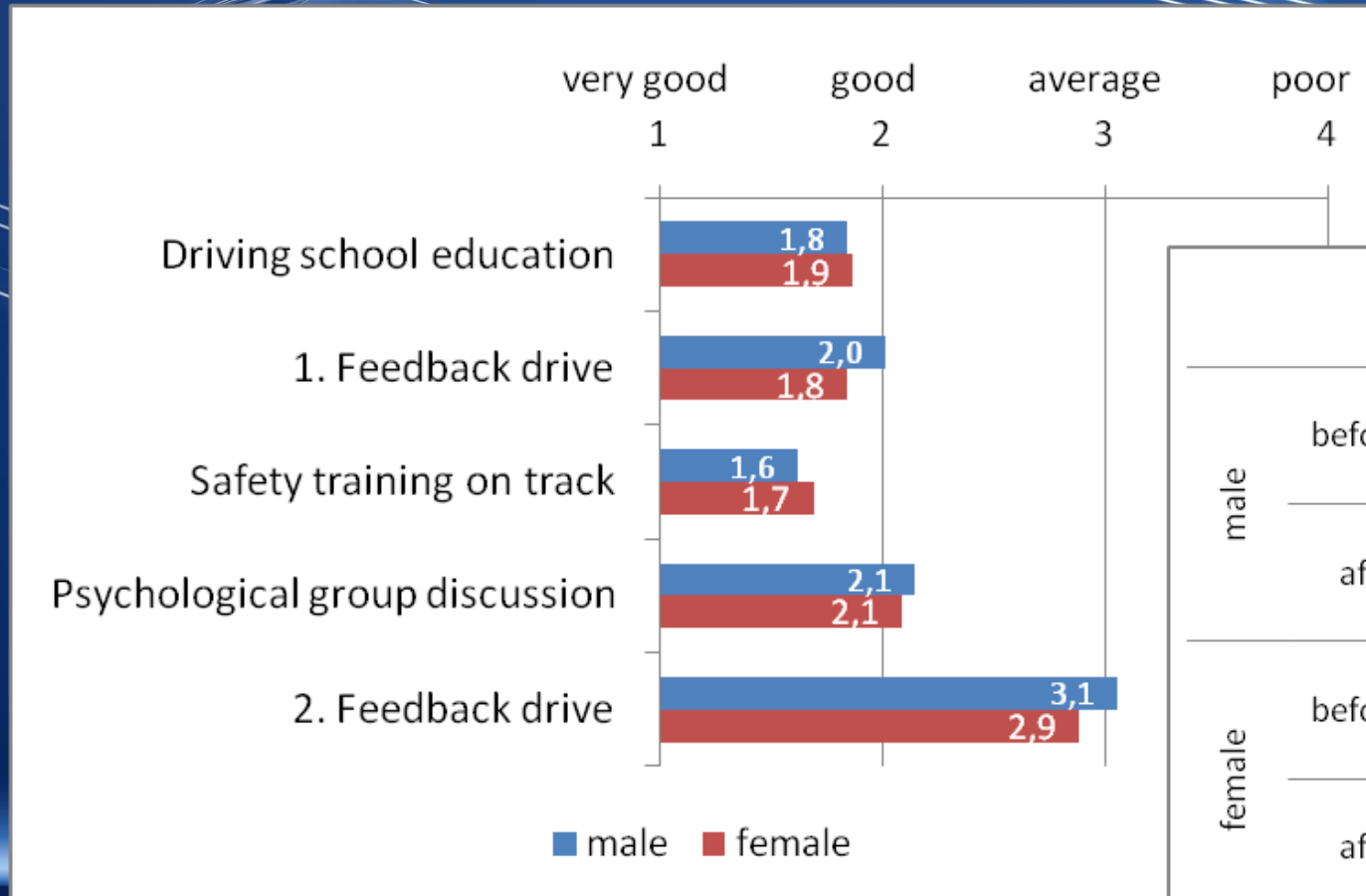


Other modules

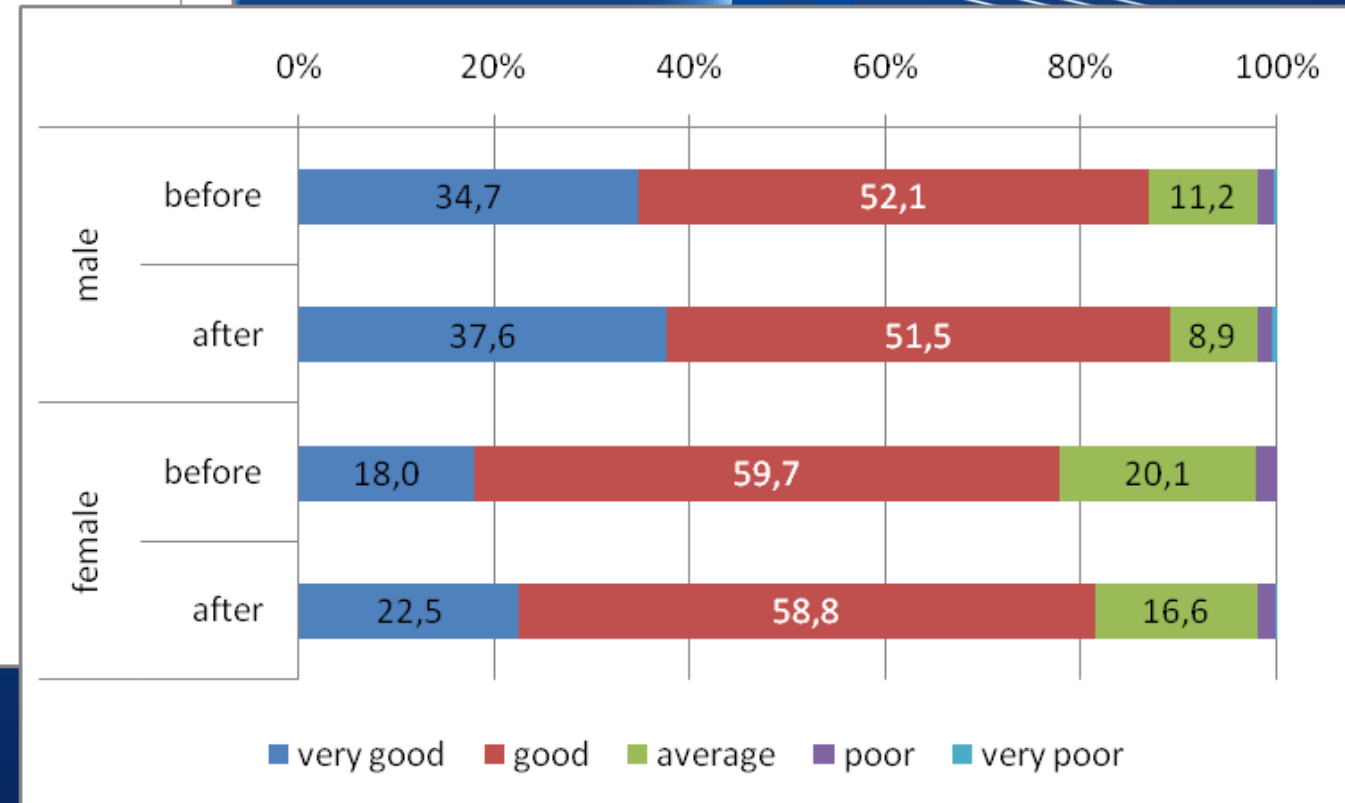
- **Phase 3: The magic tripple**
 - Track Training
 - Psychological group discussion
 - only A: Hazard perception
 - together one day (8 units á 50 min)
 - avoid perfection / over-confidence
- **Phase 4: 2nd Feedback Drive**
 - since 2008: Eco-Driving
 - Theory, 2 test drives
 - 2 units



Results of 1st evaluation, process



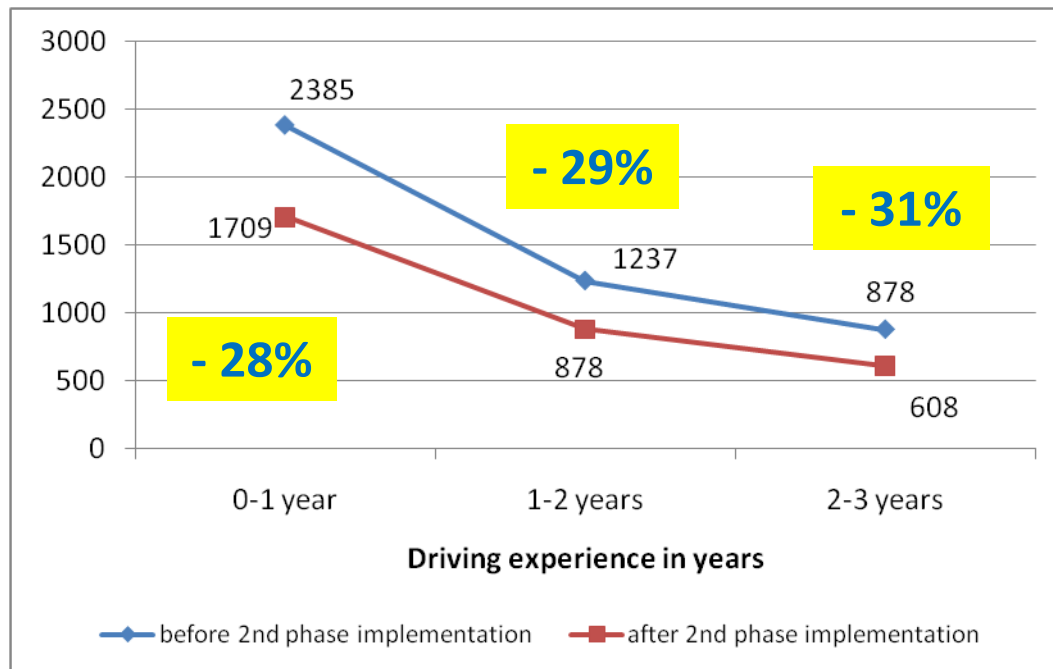
Self-assessment of driving skills



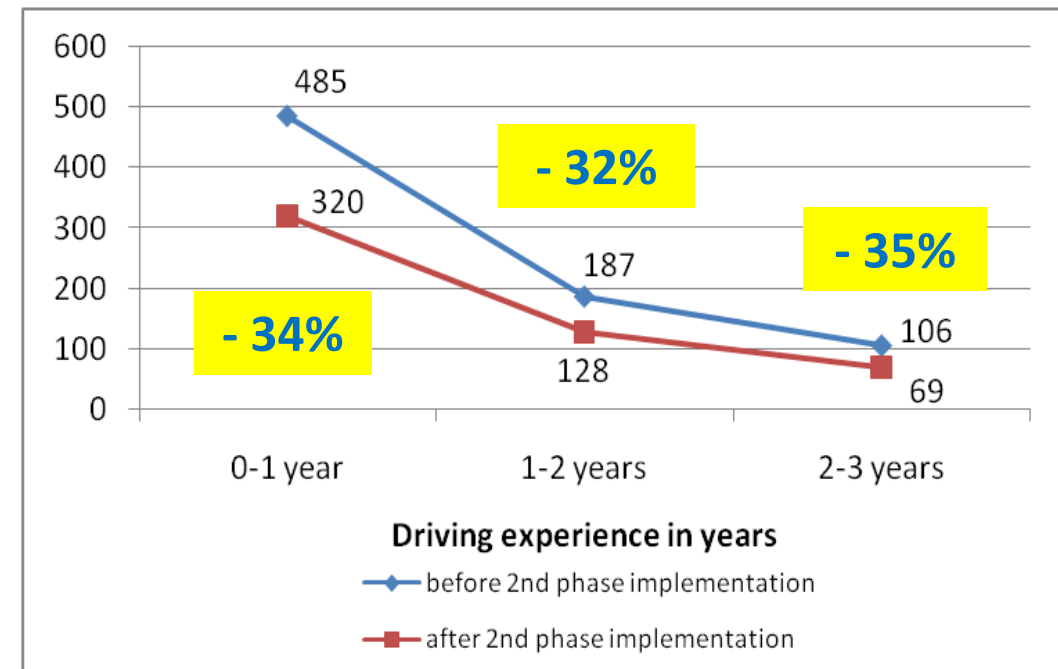
Reception of modules

Evaluation: Crash records

Injury crashes



Male drivers, single vehicle crashes



Recommendation after Evaluation

- Development of a comprehensive **quality assurance** system
- Standardized “postgraduate” education for **professionals**
- **Accentuation** of the issues in particular of the **feedback drives**
- **Evaluation** of effects for category **A** (in Austria already in progress)



Multiphase Motorcycle Evaluaion

- **No impact on crash record**
- **Comes too early**
- **Improve content**
- **Add hazard perception**
- **Add group ride (2 or 4)**
- **Talk and Drive 50/50**



Evaluation 2021

- 12,500 letters sent to novices, 15% return rate
- Expert interviews: 204 driving school teachers, 82 track trainers, 40 psychologists

Results

- Some variation of quality, regional and by provider
- Trainers
- Track training: received best, but still opportunities for improvement
- Psychological group discussion: individual risk assessment to improve
- Eco-driving: Received well, if done properly

Consider the licensing environment!

- Probational license
- Ban on DUI
- Lay training
- Penalty point system
- Speed enforcement
- Graduated licensing
- Minimum ages



Thanks for listening!

Martin Winkelbauer

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