



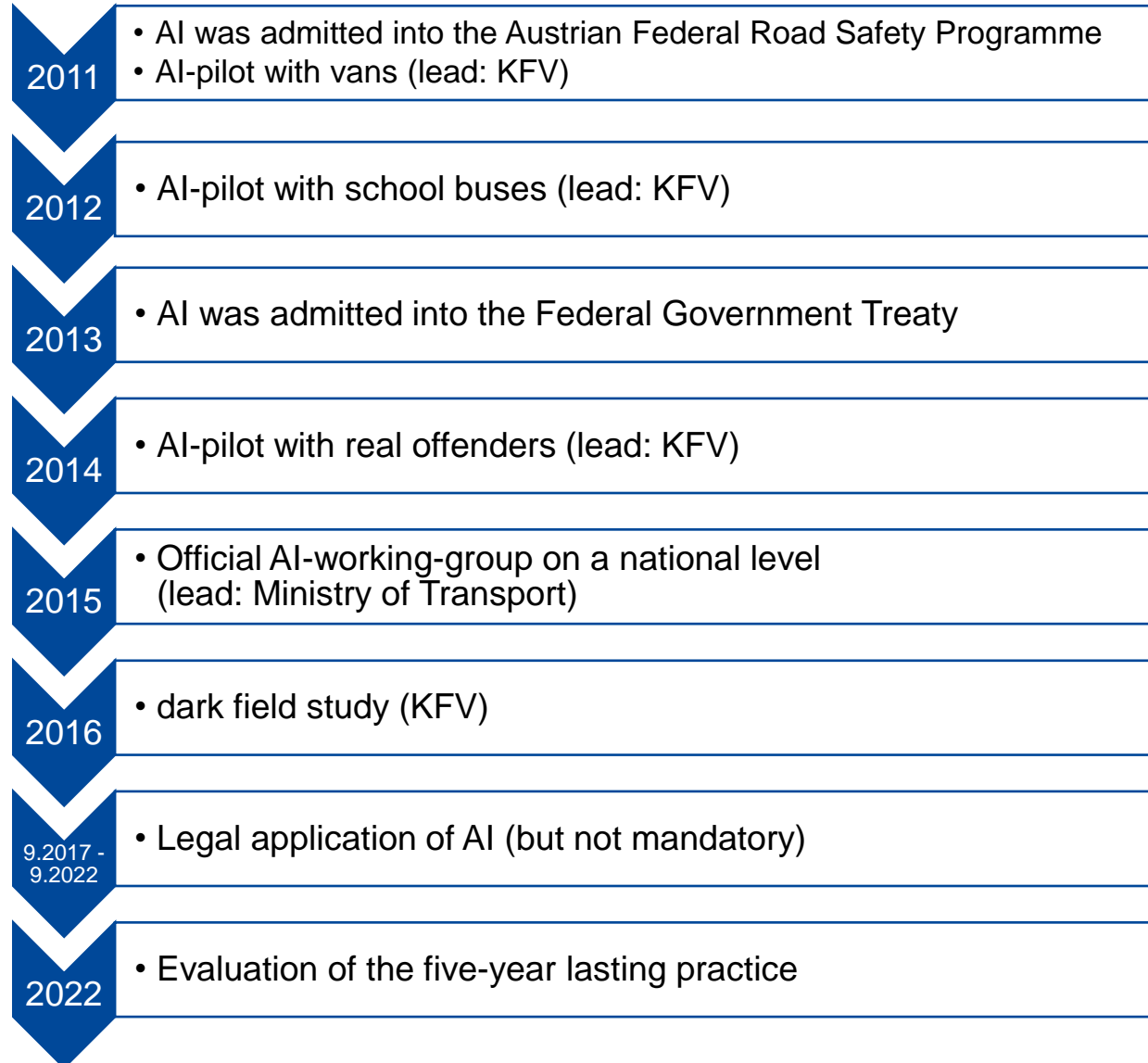
Alcohol Interlock Symposium 2023

Dr. Armin Kaltenegger | 19th of September 2023 | Oslo

Timetable

A really long story ...

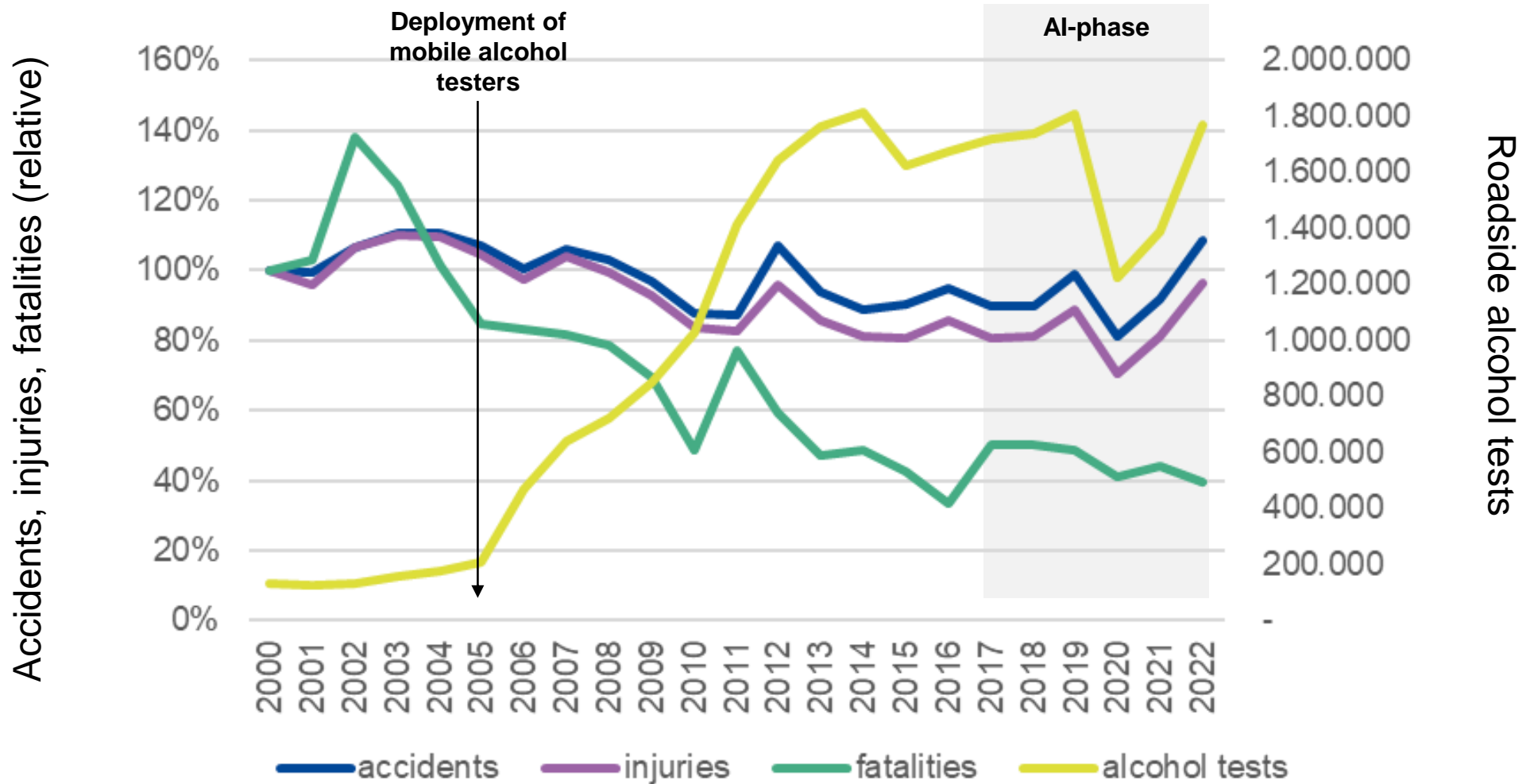
Timetable



Background

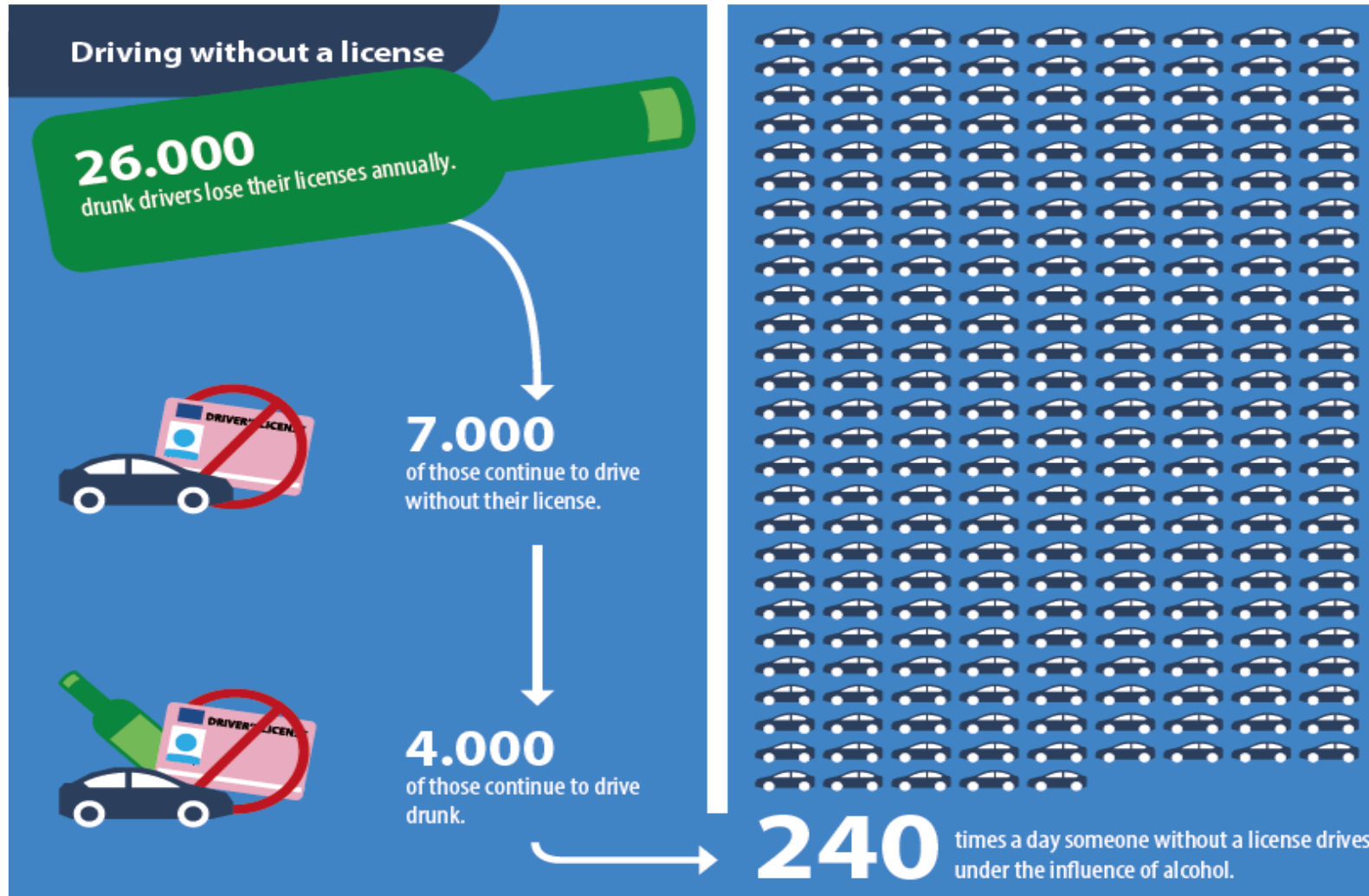
Why did we start with this?

Progression of alcohol-related accidents in Austria



Source: Stat. Austria/BMI

Game Changer Dark Field Study



Five years of Legal Alcohol-Interlock- Practice in Austria (2017 - 2022)

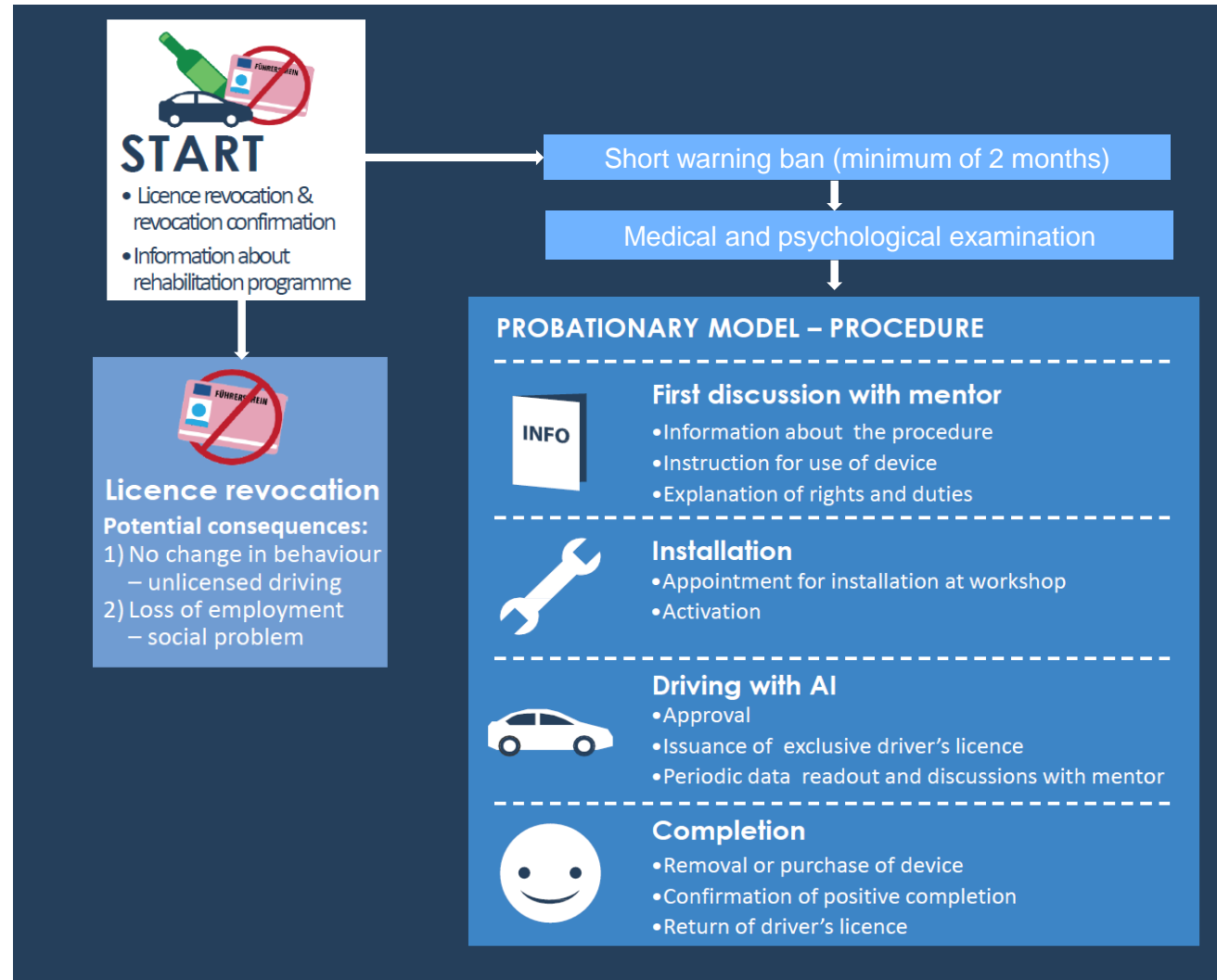
The Austrian Model (started Sept. 2017)

Corner Pillars:

- Dual system (withdrawal + AI)
- Participation possible when imposed withdrawal is at least 4 months
- Not less than the half of the imposed withdrawal period has to be completed
- The rest of the withdrawal period is doubled and completed as an AI-phase (but a minimum of 6 months)
- Device setting: 0,1 ‰
- Violations during the APS-phase lead to exclusion and withdrawal



Procedure





2022: The Evaluation of the Austrian AI Programme

Results of Evaluation

Main findings:

Participants:

- 561 drivers (1,25 % from all possible candidates)
- Average age: 43 years
- Average mileage / year: 25.000 km
- Gender ratio: 9:1 (m:f)

Participants	Number of participants
total	561
female	66
male	495
completed AI	517
exclusion	44

Carried out by: M. Gatscha on behalf of Ministry of Transport
[neurotraffic | Evaluation of the Two-phase license education system in Austria](#)

Results of Evaluation

Main findings:

Course:

- 8 % dropped out ahead of time
- Recidivism rate: 12 times lower as non AI-participants (but attention: very low number of cases!)
- Average participation period: 8 months
- Average participation costs: € 2.700,-

Carried out by: M. Gatscha on behalf of Ministry of Transport
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Outlook

Conclusions & Recommendations

Conclusions:

- Occupational mobility can be maintained.
- Driving under the influence of alcohol is successfully avoided.
- Recidivism rate decreases.
- Participants report changes in behaviour

Recommendations:

- From the experts point of view, AI would have to be continued.
- Start of the measure after offense - no withdrawal of warning.
- Use of the latest technologies (interface for AI, touch-based systems,...)





Thanks for your attention!

Austrian Road Safety Board

KFV (Kuratorium für Verkehrssicherheit)

Schleiergasse 18 | A-1100 Vienna/Wien

Tel: +43-(0)5 77 0 77-0 | Fax: +43-(0)5 77 0 77-1186

E-Mail: armin.kaltenegger@kfv.at | www.kfv.at

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