



ASECAP

16th ROAD SAFETY CONFERENCE

- 5th, of March 2024
- Madrid, Spain

Hosted by

seopan
Asociación de Empresas Constructoras
y Concesionarias de Infraestructuras

How to prepare road workers and road operators optimal for winter maintenance and customers behavior

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ASFINAG SERVICE GMBH, AUSTRIA

Overview



FACT AND FIGURES
WINTER MAINTENANCE
ON AUSTRIAN HIGHWAYS

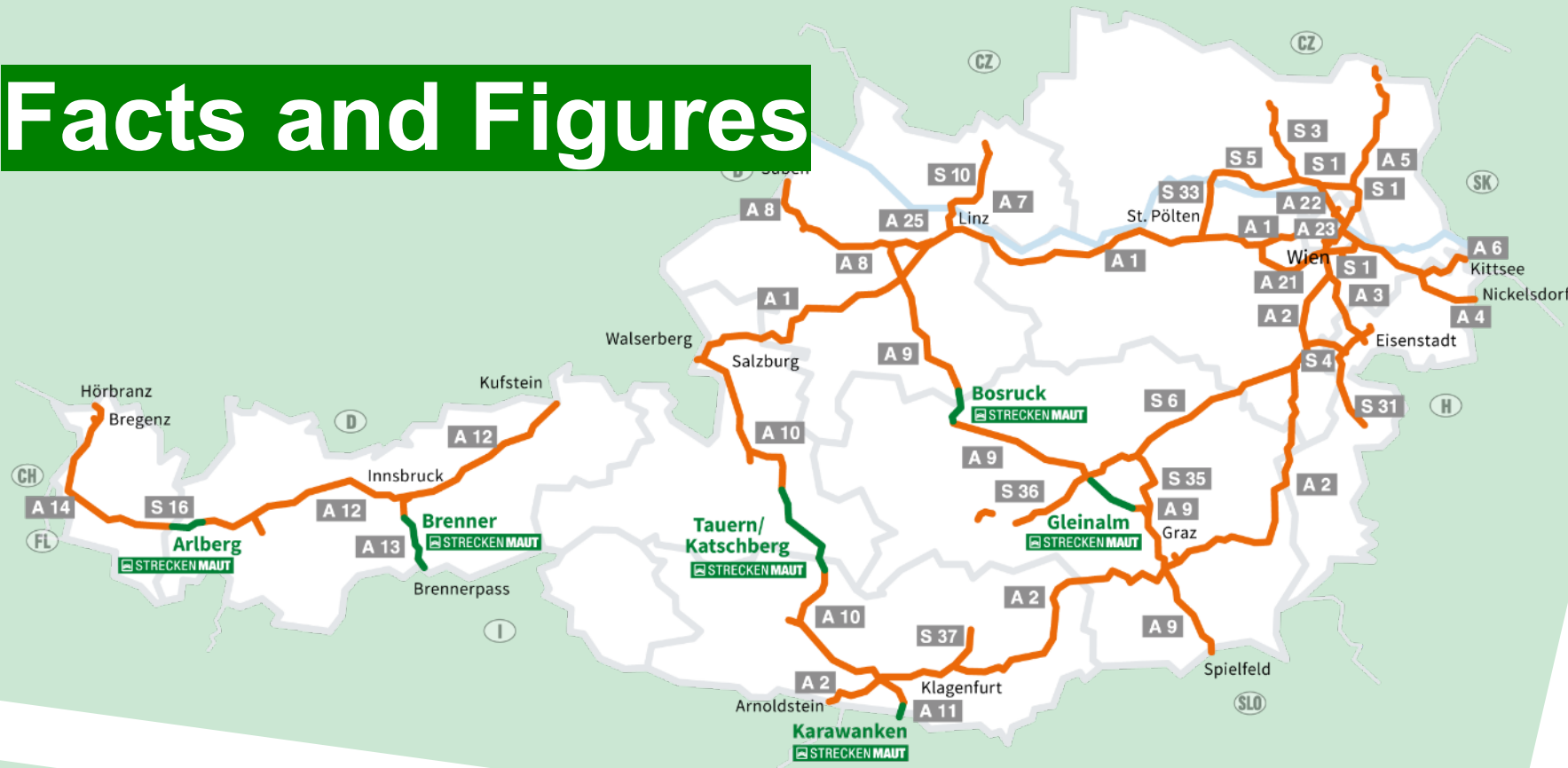


CUSTOMER
AND
STAKEHOLDER
RELATIONS



ROAD OPERATORS
RESPONSIBILITIES
PROCESSES AND
EQUIPMENT

Facts and Figures



>1000
Road Worker

FLEET

400 Trucks
30.739 single trips
~3,5 Million KM

SPECIFIC

125 snow clearing sections
300.000 working hours

87% of all snow clearing
sections < 2 hours duration

31.7
BILLION

km of total traffic
per year

2249

kilometres of
road network

42 + 5

Motorway operation
and maintenance
facilities

Customer and Stakeholder Relations



Irrtümer Winterdienst

23.01.2023 | Silvia Moser

Irrtümer zum ASFINAG Winterdienst – wir klären, wie Facebook und Co. verbreiten sich alle Jahre über unseren Winterdienst. Die einen meinen, kein



One in six trucks is on the road without proper winter equipment



Salz auf unseren Autobahnen

09.01.2022 | Georg Steyrer

... Effekt. Liegt mehr als 1 cm Schnee auf der Fahrbahn, muss zuerst geräumt und erst dann (wieder) gesalzen werden. Bei viel Schnee und tiefen Temperaturen stößt Salz an seine physikalischen Grenzen. Wir legen bei der ASFINAG bei der Salzstreuung im Winterdienst daher zwei Schwerpunkte: Vorbeugende Streuung von Salz Einsatz von Salz und Sole Beides ist wichtig, damit der Verkehr auf unseren Straßen im Winter nicht zum Erliegen kommt. Wie lang dauert es, bis der Schnee schmilzt? So einfach...

Mandatory use of winter tires from November 1st, and April 15th .

Information about regional weather forecasts, traffic forecasts and special situations (school holidays).

Examples of wintry conditions include snow, sludge or ice on the road.

Road Operator responsibilities



Know-how and practical experience

Know-how

Practical Experience

Motivated Personnel

Continues Training and Benchmarking, Processes

Regular and structured internal meetings, responder and fire brigades



Innovative Winter Maintenance Strategies

- Winter Weather and Forecasts
- Pavement Surface Temperature Predication
- Hoarfrost Measurement and Predication
- Preventive Salting with NaCl (common salt) brine



Modern Equipment

- New vehicles and snowploughs
- NaCl (common salt) brine spreader combined with jet nozzles spray blocks
- Fire Storm – CaCl₂ (calcium chloride)
- Modern haulier and truck tow companies contracted

Winter Maintenance is Team Work...





**... and we all together need to raise awareness
for winter maintenance to prevent dangerous
situations and accidents on our roads!**

Thank you for your interest and attention!

David Kollenhofer, MBA

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