ROCON SAFE

An innovative and more accurate road spray and ice detection system that improves road safety.

An innovative pavement spray and ice detection system that provides more reliable and accurate measurements at comparable or lower costs. Current pavement condition detection solutions lack the accuracy of real-time measurement and monitoring, leading to increased maintenance costs. The solution aims to improve system reliability, data quality and road safety while reducing operational costs and environmental impact. The company plans to upgrade brine spraying systems and develop control software and hardware.

Unique selling points:

- Highly reliable and accurate real-time road condition detection system.
- Reduces maintenance and operating costs.
- Improves road safety by providing more accurate data.
- Environmentally friendly thanks to optimised consumption of spreading materials.
- Potential for expansion into other transport sectors such as rail and trams.

Product

Detection system

Technology readiness

- Development
- Proof of concept
- Prototype
- First implementation
- Extensive implementation

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