



WHO: « railway noise has demonstrated adverse health effects on nearby residents »

Railway is safe but railway noise kills!



Railway systems must remain competitive.

Infrastructure costs are internalized, including noise protection!





Measuring Rail Network Condition

- ✓ Reduce Noise & Vibration for Residents
- ✓ Infrastructure Maintenance Planning



Monitoring Rail Condition

- ✓ Optimal Condition-Based Maintenance
- ✓ Anticipate Noise & Vibration Issues



Real-time Squealing Detection

- ✓ Fight Squealing more Effectively
- ✓ Anticipate Noise Issues



Monitoring Service Load

- ✓ Reduce Vibration Damage on Rolling Stock
- ✓ Extend Service Life

Headquarters in Lyon, France



French Engineering SME since 1986

Mechanical Engineering, Vibration, Acoustics

120 highly-specialized engineers and PhDs

Certified RTD Performer



Looking for cities interested in integrating the VibRail technology in their Smart City policy to improve living conditions and help promote modal shift by reducing externalities and increasing competitiveness of rail transportation.

VibRail in action: <https://www.youtube.com/watch?v=0zZwvd1EAUY>