



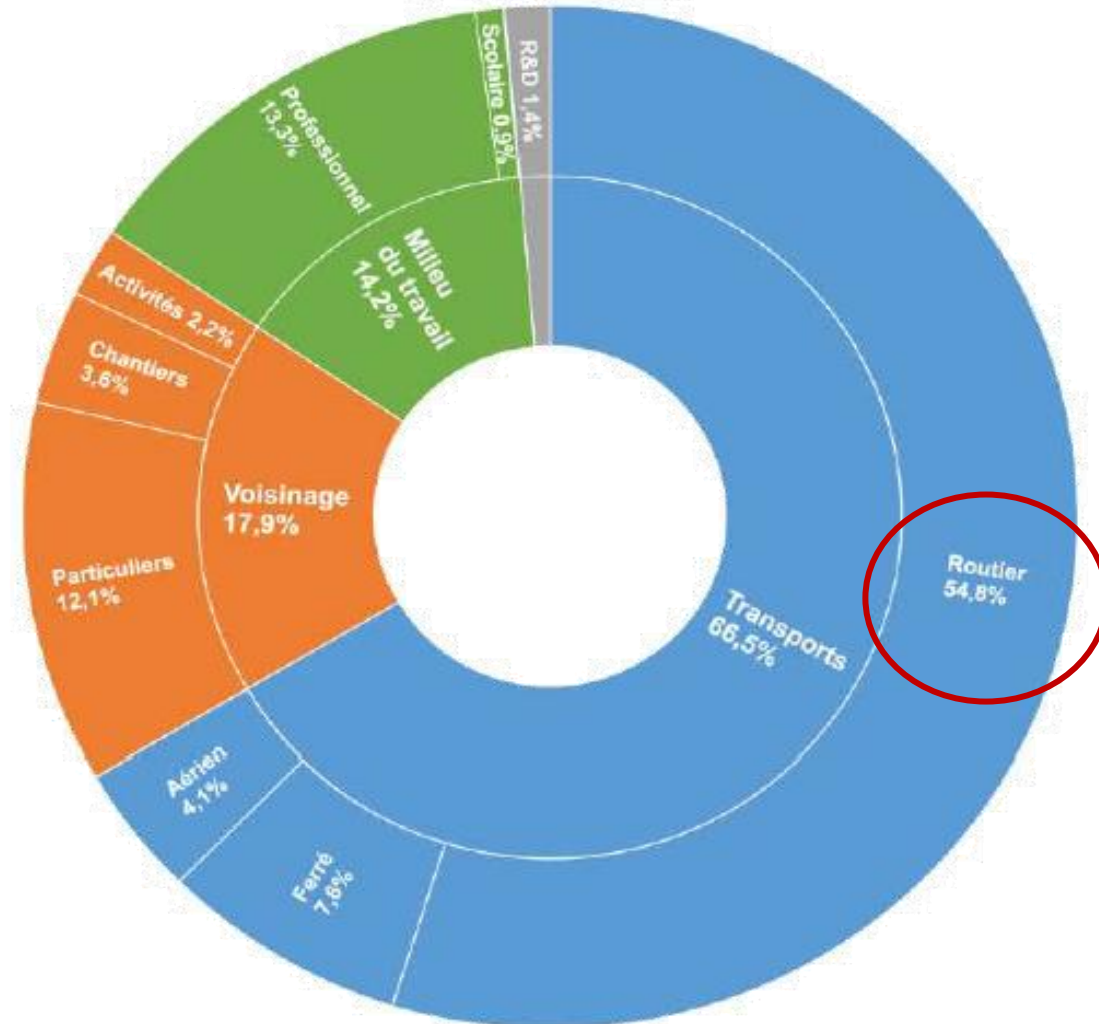
TF Vehicles' Sound 7th session – Feb 2022

**France – national update:
Study on health and social cost of noise
Implementation of sound cameras**



Study on social cost of noise in France

- ADEME (French Agency for Ecological Transition) [study](#)* (Oct. 21)
 - Purpose: to evaluate the social cost of all sources of noise
 - Evaluation: day, night and evening average noise (based on END 2002/46 and ISO 1996-1:2016).
 - Social cost in France: 147.1 billions euros per year
 - Direct cost: illness, accidents, hospitalization and medication
 - Indirect cost: health, well-being, productivity losses and property depreciation
 - Noise from transport represents 66.5% i.e. 97.8 billion
 - Road transport represents 54.8% i.e. 80.6 billion per year
- Bruitparif [study](#)*: focus on Ile-de-France (Nov. 21)
 - The region represents 18% of the French population
 - Social cost for road noise is 26 billion euros per year, meaning 27% of national cost



- Experiment* in real conditions to fight against noise pollution (Dec. 21)
 - Purpose:
 - Reduction of noise pollution due to driving at excessive engine speeds or using modified vehicles
 - 3 noise cameras suppliers:
 - ACOEM, BRUITPARIF and MICRODB.
 - 3 road conditions
 - Urban: Nice, Paris, Toulouse areas
 - Peri-urban
 - Rural
 - Implementation
 - Phase 1 (3 months): monitoring and calibration of the noise detector before their approval
 - Phase 2: detection and recording of infractions (with fines)



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