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
  - 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

* In French only
Noise cameras: experiment in France

• **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 supplies:
  • 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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