



Environmental Noise Directive

UIC Noise Workshop, Paris 14 November 2017

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Environmental Noise Directive

- *3rd round maps and action plans*
 - **Check to be performed this year**
 - **10 infringement procedures**

- *Annex II (CNOSSOS-EU)*
 - **Since 31 December 2018**
 - **To be revised soon (MS working on it)**

- *Annex III (health assessment)*
 - **End 2019**

Environmental Noise Directive

- *Evaluation*
 - **Relevance, EU-added value, effectiveness, efficiency, coherency**
 - **Cost/benefit -> 1/29 (positive!)**

- *Implementation*
 - **Delayed**



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& more



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Pasquale DE PALATIS

REGOLAMENTI E SICUREZZA
DELLA
CIRCOLAZIONE FERROVIARIA

esperienza ed etica



GIFI

1995



European
Commission



ENVIRONMENTAL
NOISE
GUIDELINES
for the European Region



& more

- *Study on:*
'Assessment of the health benefit impact of noise related measures'
 - **To assess costs and benefits**
 - **Of existing possible measures**
 - **In the next 10 years**
- *State of the art of noise reduction technologies*
- *New research on railway noise being funded*

Study - Why

- *Railway noise is a relevant externality*
- *7th Environment Action Programme -> WHO*
- *EEA – stable trend*
- *WHO Guidelines -> recommendation of:*
 - **54 dB Lden**
 - **44 dB Lnight**

Study - How

- *Retrofitting (considered as done!)*
- *Noise barriers*
- *Track infrastructure improvement (1dB)*
- *All non-retrofitted to be disk-braked*

Study - What

- *20% reduction*
- *50% reduction*
- *Targets*
- *Limits*



European Union Noise Expert Group (NEG)

To allow detailed discussions with Member States and stakeholders on environmental noise policy issues, in particular in the context of the Environmental Noise Directive.

E.g.: providing guidance on noise action plans, producing recommendations for solutions, legislative measures, ...



NOISE

Seriously
Harms
Human
Health



#NoiseEU

Environment

Noise in Europe Conference - 24 April 2017