



ELANORE

Improvement of the EU tyre labelling system for noise and rolling resistance

Final Seminar

*Kłanino Palace near Gdańsk, Poland
16-17 January 2024*

The aim of the ELANORE project is to critically evaluate the procedures for determining the environmental labels required for passenger car tires in terms of noise and rolling resistance and to propose improvements.

The following topics will be discussed during the seminar (this list may be expanded):

- What is wrong with present tire labels?
- What is the relation between road and drum measurements of rolling resistance (RR)?
- What is the relation between smooth steel and replica road pavements rolling resistance results?
- Influence of temperature on RR measurements.
- What is the relation between road and drum measurements of rolling resistance?
- Proposal of a new tire labelling procedure for RR.
- What are the differences in tire/road noise when tested on conventional pavements and ISO reference surface?
- Influence of temperature corrections on tire/road noise.
- Calibration procedure for the influence of ISO test track
- Correlation between road and laboratory drum noise measurements.
- Proposal of an improved tire labelling procedure for noise.
- Environmental benefits related to correct labelling procedures.



We hope to host participants from tire industry, road building industry as well as from road/traffic research institutes.

During the seminar we will provide enough time for an in-depth discussions.



In addition to the official part, we also plan to visit local attractions and have a gala dinner together. The cost of accommodation in the Palace (www.klanino.pl) is covered by the participants. Online participation is also possible.

If you will participate, or you consider to participate, please let us know ASAP (email: jejsmont@pg.edu.pl).

