Publication

COST 323

Weigh-in-Motion of Road Vehicles

Final Report
(1993 - 1998)

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Weigh-in-motion (WIM) of road vehicles is a major tool for heavy goods vehicle traffic surveys, traffic management, road and bridge engineering, and now for the accurate pre-selection or direct enforcement of the legal weight limits on overloaded vehicles.

The COST 323 action (WIM-LOAD), 1993-1998, proposed by the FEHRL, was one of the most productive in the COST Transport programme. A total of 18 countries and 25 organisations took part in it. Many tasks and deliverables were accomplished: the identification and reporting of WIM needs and requirements, the development of a multi-language glossary of terms and a European Specification on WIM, the development of a pan-European database of WIM sites with statistical data, common trials of WIM systems at different sites to evaluate their performance and durability, and dissemination of the experience and knowledge gained through two European conferences.

COST323 was more than a project, it was the beginning of an active European WIM community and the kernel of a network that is still very much alive.

Main report + appendices .............575 pages

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