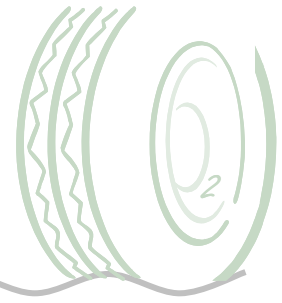


**MIRIAM**  
**Models for rolling resistance**  
**In Road Infrastructure**  
**Asset Management Systems**



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**1. International MIRIAM Workshop**

SQUARE Brussels Meeting Centre

Brussels, Belgium

June 10. 14.30 to 17.00.

14:30 – 14:45 Welcome and Introduction to MIRIAM,  
By Bjarne Schmidt, Danish Road Directorate, Danish Road  
Institute

15:45 – 16:00 Introduction to the MIRIAM sub-projects:

Measurement methods and surface properties model  
By Ulf Sandberg, Swedish National Road and Transport  
Research Institute

Investigate influence of pavement characteristics on energy  
efficiency,  
By Stefan Deix, Austrian Institute of Technology

Investigate importance of rolling resistance on efficiency within  
LCA framework,  
By John Harvey, University of California, Pavement Research Center

Constraint/Requirement to implementation  
By Armand Der-Stepanian, Danish Road Directorate, Danish  
Road Institute

External funding and raising awareness  
By Brian Larsen, Danish Road Directorate, Danish Road Institute

16:00 – 17:00 Workshop:  
What do we know of Rolling resistance and Pavement parame-  
ters and how do we use the knowledge  
What constraints and requirements do we need to consider when  
implementing CO2 efficient pavements in Road Infrastructure  
Asset Management Systems