The PIARC road monitoring report

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TC D.2 Pavements

3 objectives

• green pavements
• low-cost pavements
• ND road monitoring
  – SURF
  – report
PIARC cycle 2012-2015
Table of content

• surface evenness
• vehicle/road interaction
• surface defects
• structural condition
• quality
• case studies
Structure of chapter

• parameter definition
• measurement methods
• indicators
• references
PIARC cycle 2016-2019

CONNECTING CULTURES
ENABLING ECONOMIES

6th to 10th October 2019
Evenness
Pavement Profile Scanner (PPS)
Bicycle paths
Road/vehicle interaction

http://rosanne-project.eu/
Friction
Rolling resistance
Splash & Spray
Surface defects
Camera’s – 3D, IRT, 360°
Case study from Estonia
Structural condition
Traffic Speed Deflectometer (TSD)
Case studies from JP and PT
Light-Weight Deflectometer (LWD)
case studies from around the world
Ground Penetrating Radar
In-vehicle technologies
Car sensors – CAN bus
Smartphones
Thank you for your attention