Session 3
Pavement performance

Maria de Lurdes Antunes
Pavement performance

Performance Requirements
- Safety requirements, comfort, accessibility, etc

Functional requirements
- Evenness, skid resistance, drainage

Structural requirements
- Load bearing capacity, durability

Material requirements
- Stiffness, resistance to fatigue and to permanent deformation

Intrinsic material properties
Performance focus

> Road Administration perspective
> Road User perspective
> Surrounding population perspective
> Environmental perspective

All stakeholders
Session program

  ● Manfred Partl

> User Costs Model for Road Management Systems. A Simplified Approach for Portuguese Conditions
  ● Bertha Santos

> Treatment Performance Capacity – A tool to predict the Effectiveness of Maintenance Strategies
  ● Jorge Barreira de Sousa