

### Life time prediction

#### Asphalt life time

- Existing
- New measurements
- Instrumentation



#### Structural life evaluation

- Implementing the models
- Better assessment with the help of DME (data management ecosystem)



#### Data Management



A complex index by combining both?

### Sensors for Asphalt

#### Sensors testing and implementing

- Outdoor testing facility (duraBAST)
- Motorway network
- Knowledge

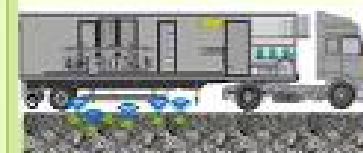


#### WIM-Sim (simplified WMI)

- For pavement design and life prediction
- Simple installation & operation
- Development phase in duraBAST
- Further development and installation in test section



#### Real-time data transfer to MESAS



- Imbedded temperature sensors
- Will be used for the structural evaluation
- Limitation: Moving speed of the MESAS (80km/h)

