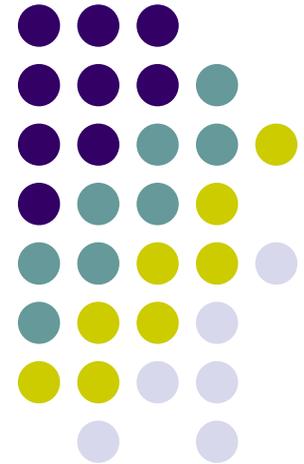




# APT Steering Committee



**Feedback to RPF  
May 2009**

# Role of APT Steering Committee



- **Prioritise APT research**
- **Provide strategic guidance to APT programmes**
- **To co-ordinate research related to APT projects**
- **To plan related testing (long and short term)**
- **To serve as an advisory body to Gautrans HVS testing programme**
- **To give comments on APT work proposals**
- **To give comments on APT reports**



# APT Strategic Plan for 2006 - 2009



## Focus Areas

- Sustainable Development and the environment (including cold recycling)
  - To include alternative materials (RAP), warm mix technology, construction processes & quality of construction and sustainability (APT SCom Feb 08)
- Labour-intensive construction
- Asphalt performance
- Vehicle-pavement interaction (VPI)
- Provision of low volume roads
- Concrete pavements
- Structural Pavement Design Method (now covered by SANRAL)



# APT Steering Committee

## 7 May 2009



- Meeting postponed due to financial problems with Gautrans
- Strategy for 2009 - 12 still under development
  - Focus areas unchanged
  - Inputs received from focus area coordinators
  - Consolidation in progress



# HVS programme: recent and current projects



- **Guidelines for bitumen stabilization**
  - **GD PTRW/Sabita initiative**
  - **completed (launch next week)**
- **HVS and Lab testing for validation of HMA design guideline**
  - **Standard mix – completed March 2008**
  - **Rut-resistant mix – completed October 2008**
  - **Level 1 & 2 reports completed by June 2009**



# HVS programme: recent and current projects (cont)



- Thin CR concrete pavement (UTCRCPC) (SANRAL)
  - HVS testing completed
  - Reports in preparation
- UTCRCPC LIC sections at R80
  - Ongoing
  - Report by LdP
- SIM testing: HVS & MMLS - completed
- Job creation, skills development and empowerment in Road Construction
  - Completed and posted on the web site
  - Launch postponed.



# HVS programme: recent and current projects (cont)



- LTPP monitoring: 2388, P243/1, N7, MR538 – ongoing
  - Now to include UTRCP sections



# Future Projects



- **Fatigue testing of HMA sections**
  - HVS and lab testing
  - Construction of deviation required
- **HiMA**
  - Sabita funded
  - Technology Transfer project
  - Design in progress
  - Possible construction by August 2009
- **UTRCP for low volume roads**
  - Construction of test sections – October 2008
  - Testing in progress
- **Warm Mix Asphalt sections on R80**
- **Concrete section for designs between UTRCP (low volume) and UTCRCP (high volume)**

