

# **Road Pavements Forum**

**CapCoR status report**

**CSIR Conference Centre  
9 November 2010**

## Background

- Initiative came from the RPF coordinating committee and RISFA document
- RCB meeting– November 08
  - CapCoR initiated
  - PPP identified as best option
  - Business plan modified and submitted to DoT
- SARF meeting – October 09
- RPF workshop of 23 February 2010
  - SARF to drive the initiative
  - DoT to be kept informed of progress
- **DoT Road Summit – 24 May 2010**
- **1<sup>st</sup> SARF capacity coordinating meeting 14 July 2010**
- **Strategic planning meeting 29 July**
- **2<sup>nd</sup> SARF CapCoR meeting 6 October**

# SARF CapCoR Committee

- Government
  - DoT/RCB/COTO
- SANRAL
- Suppliers
  - Sabita
  - C&CI
  - SARMA/ASPASA
- Member Bodies
  - SAFCEC
  - CESA
  - SALGA
- SAICE
- CSIR
- Tertiary Institutions/Centres of Development
- FET colleges
- SARF
- SAT

# Summary of status

- **Urgent need for coordination of skills development and capacity building**
- **DoT/RCB/Private Sector fully committed to the initiative**
- **CapCoR business plan to form a basis for further development**
- **Strategic session to take business plan forward on 29 July 2010**
  - RPF sponsors (Sabita, SARF & CSIR)
  - DoT
  - SAICE
- **Presentation to RCB on 12 August 2010**
  - Delegation to be agreed at strategic session
- **Short term initiative**
  - Consolidation of CPD short courses for next meeting (5 Oct)

# CapCoR

Capacity Coordination for Roads

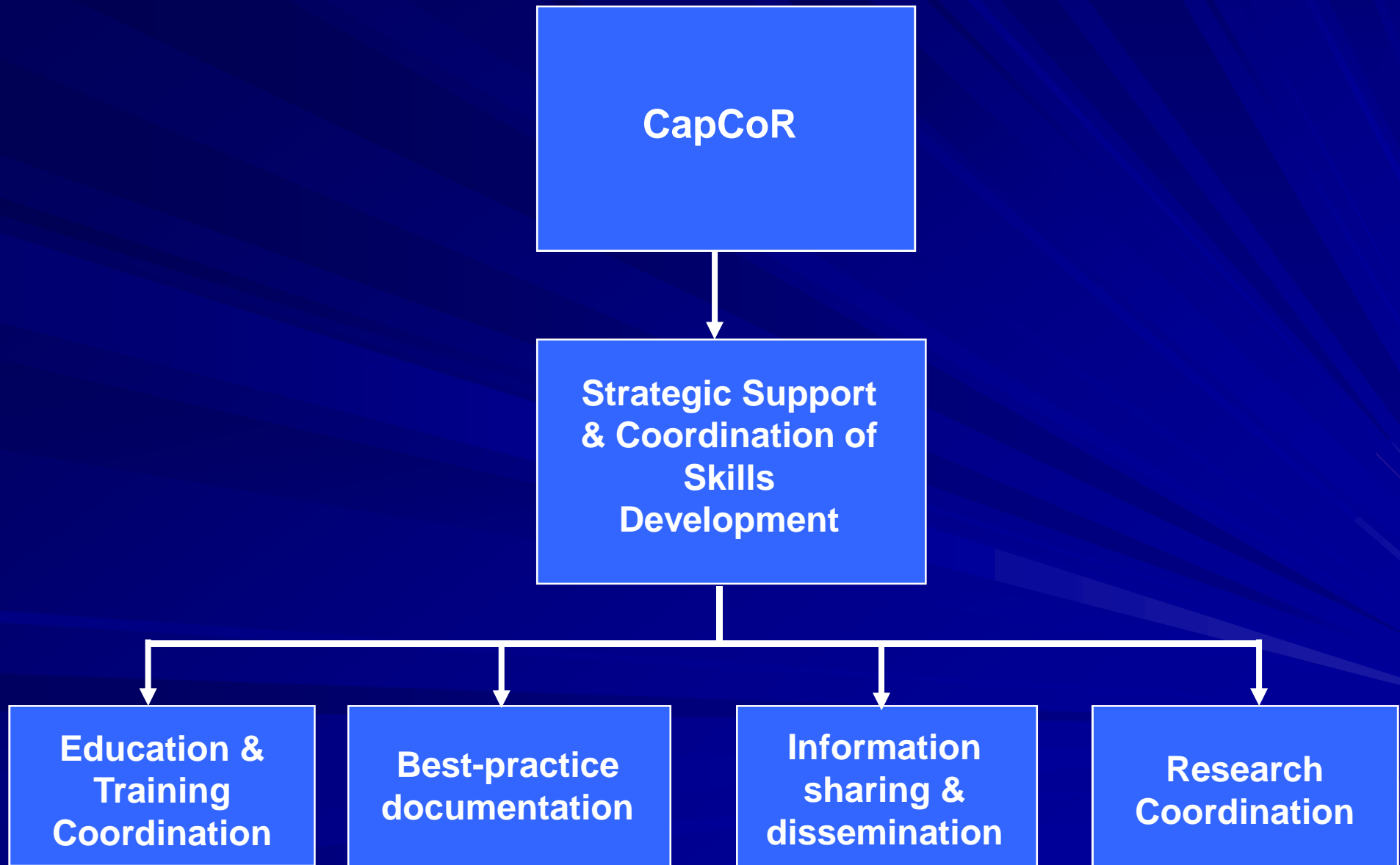
# Vision

CapCoR is recognised as the leading authority for capacity **coordination** for roads in the southern Africa region.

## **Business Objective**

**CapCoR is recognised as the South African coordinating body for skills development initiatives in road engineering that are effected through education and training interventions, knowledge transfer programmes and the management of roads-related documentation, including guidelines and standards.**

# CapCoR Strategic Thrust Areas





# Strategic Support

- Undertake industry needs surveys and audits in skills development on behalf of the sector stakeholders;
- Identify gaps in skills development for the road engineering sector;
- Coordinate stakeholder interventions and developments in line with industry needs;
- Provide strategic support to the Department of Transport in implementing the relevant strategies outlined in the RISFSA document;
- Coordinate technical and strategic advisory support related to skills development in the road engineering sector to Government structures as required;
- Promotion of the industry at all levels;
- Develop and manage a consolidated, interactive web site for skills development in road engineering with relevant stakeholder linkages.

# Coordination of Education & Training Initiatives

- Provide a road engineering sector interface with tertiary institutions and training colleges;
- Provide a road engineering sector interface with CETA, SAQA and Department of Education;
- Provide a road engineering sector interface with broader civil engineering/construction industry bodies (eg SAICE, SAFCEC, CESA , CIDB)
- Provide a road engineering sector interface with recognised service providers.

# Information Sharing & Dissemination

- **Coordination of all continuous practitioner development initiatives in the road sector between service providers (eg SARF, AsAc, C&CI, CSIR, SAT, SANRAL, Tertiary Institutions);**
- **Manage a consolidated road engineering sector schedule of courses by recognised service providers;**
- **Facilitate the development and presentation of new courses by recognised service providers in line with industry needs.**
- **Manage the Road Pavement Forum (RPF).**

# **Best-practice Documentation, Standards and Specifications**

- **Manage the review and update of current documentation.**
- **Manage the development of new manuals;**
- **Manage the distribution and/or sale of documentation;**
- **Coordinate comments and review of relevant documentations**

# Research Coordination

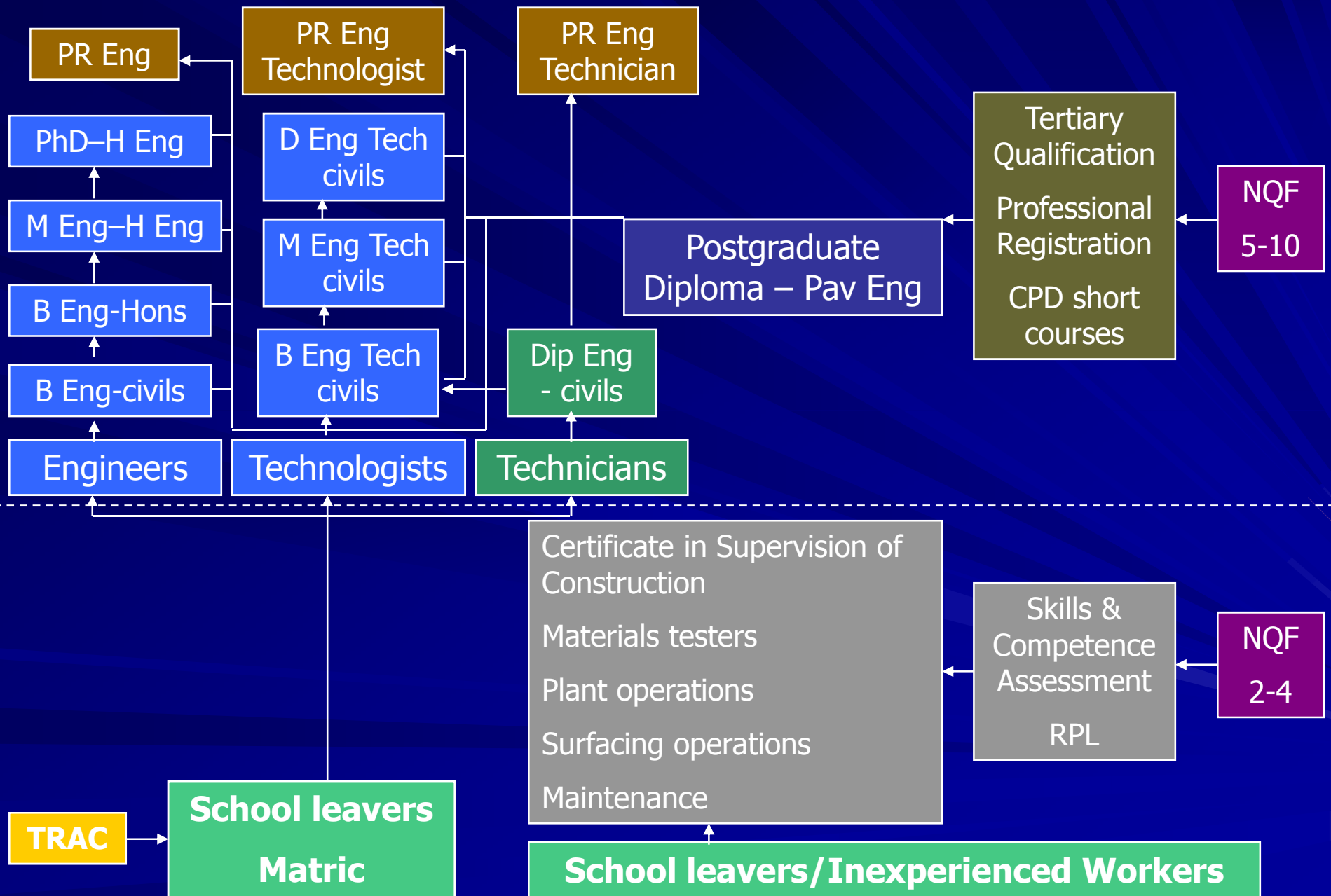
- **Management of the Pavement Research Advisory Committee (PRAC);**
- **Coordination of research activities at Tertiary Institutions;**
- **Interface with NRF and DST;**
- **Coordinate the research agenda.**

**Where are we at the  
moment?**

# Current Situation

- **US & UP offering Pavement Engineering specialisation at Hon, M & D**
- **Universities of Technologies have limited specialisation in Road Engineering**
  - Transportation
  - Urban Planning
- **Tertiary qualification being restructured by ECSA/DoE**
  - Engineer, Technologist & technician streams
- **AsAc/Gautrans Pavement Engineering course developed**
  - Pilot course in association with GDPTRW
  - Not yet accredited
  - Presentation through a tertiary institution
- **Several relevant CPD short courses & seminars**
  - SARF, AsAc, C&CI, CSIR, US, UP, SAT, SANRAL?
- **Limited knowledge of initiatives at NQF 1-4**
  - Vocational qualification with roads elective
  - Suitable training material required
  - Qualifications and skills programmes need customising for roads
- **Fragmented approach by the roads sector**
  - Research (PRAC)
  - Best Practice documents
- **Mentorship**

# Integrated Career Path for Road Engineering

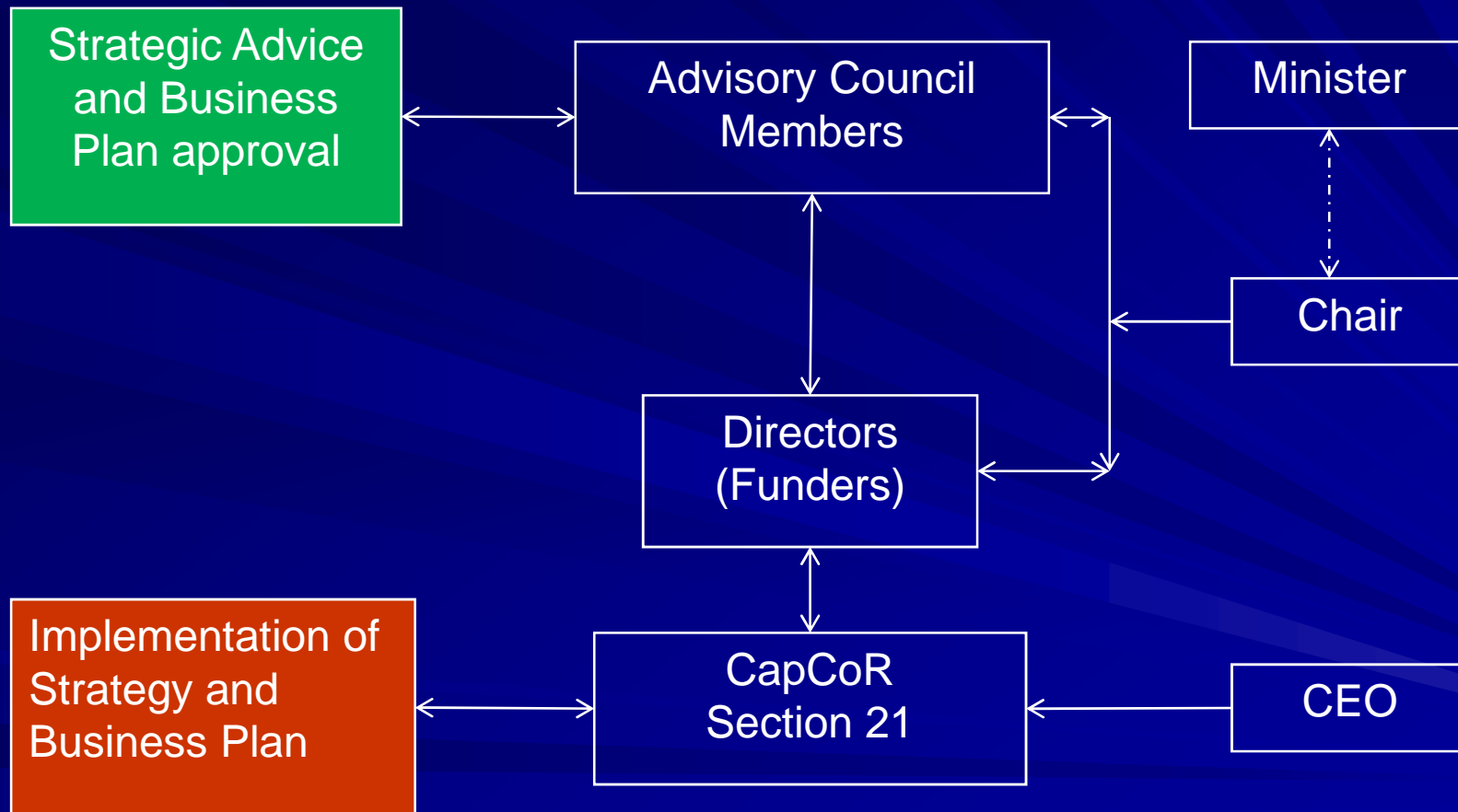




# **Outcome of Strategic Session - 29 July 2010**

- **PPP still the best option for quick establishment**
  - Section 21
- **Article of Agreement to be compiled and membership agreed**
  - Variable membership
- **Advisory council for strategy development**
  - Broader stakeholder groupings
- **Business management through a Board**
  - Directors no more than 6
  - Full time CEO & Admin manager
  - Contracted service providers
- **5 year strategic plan to establish all entities and coordinating committees**
- **Funding committed by DoT to be matched by the private sector**
- **Established from April 2011**

# Proposed Structure



# Progress on Coordination

- Course matrix being developed to identify overlaps and consolidate offerings
- Status of current TRH manuals received from DoT
  - Compiling a list of best-practice documents for assessment and prioritisation through CapCoR
- Alliances for presentation of CPD course from January 2011

# Announcement

- All road related CPD courses being run by SARF, AsAc and C&CI will now be run under the auspices of SARF from January 2011 and managed by SARF
- MoU between SARF & AsAc
- Course schedule for 2011 being developed
  - Advertised on web sites with links for registration



# Implications to AsAc

- AsAc will oversee quality of education and training at all levels on behalf of the bituminous products industry
- MTC will continue under AsAc for the next financial year
- NQF 1-4 initiatives and competency assessment will continue with AsAc
- P Eng course in association with UP
- AsAc serves on the Education committee of SARF
- Actively involved in CapCoR structure representing the bituminous products industry