

ASSOCIATION OF SOUTHERN AFRICAN NATIONAL ROAD AGENCIES (ASANRA)

INNOVATIONS IN ROAD TECHNOLOGY

ROAD TECHNOLOGY ABSTRACT - ZIMBABWE

TITLE OF INNOVATION

PVC/MODIFIED TAR TRIALS IN ZIMBABWE

In 1994, application of modified tar was undertaken on the 16th March. The research project carried out trials of about 10km for reseal demonstrations. The objective of the research project was to cut cost of the expensive pavement by making use of tar from the local coal mine. The project failed due to massive stripping by the PVC-tar and at high temperature. In some regions the product caused bleeding problem. The project was terminated and the PVC-tar could not be used for maintenance and the product was poisonous to use as it caused eye irritation, and was declared a carcinogen by WHO due to high level of tar.