

VicRoads
International
Projects

CAPACITY BUILDING



VicRoads provides capacity building programs to enhance technical and managerial expertise that will influence social development and economic sustainability.

VicRoads provides specialised technical training programs which are conducted by leading professionals and experts. Courses include the latest available standards, policies and technical information.

The content of capacity building programs are flexible and can be tailored to meet the specific requirements of the client. Programs consist of a range of learning methods including classroom training, site visits to field works and group activities. Programs can be conducted in Australia or in the client's home country. Work attachments in Australia can be arranged. Capacity building modules are available in a range of disciplines:

Institutional Strengthening

Road Financing, Corporate Governance, Performance Management, Corporate Planning, Strategy Planning, Community Stakeholder Relationships, Human Resource Management, Information Management and Business Systems and Quality Management

Road Safety

Policies and Strategies, Funding Strategies, Community Education and Awareness, Legislation and Enforcement, Road Safety Engineering, Road Safety Audit, Crash Recording and Analysis Systems

Roadway Engineering

Design Principles (horizontal, superelevation and vertical geometry, cross sections), Interchange Design, Drainage Design, Roadworks Quantities, Bridge Foundations, Concrete Technology, Bridge Maintenance, Investigation and Repair of Concrete Structures

Traffic Engineering

Intersection Design, Traffic Management and Control Devices, Roundabout Analysis and Layout Design, Traffic Signal Design, Traffic Flow/Capacity, Traffic Management and Traffic Regulations.

Environmental Management

Policies and Strategies, Legislation, Environmental Management Plans, Risk Management, Erosion and Sediment Control

Roadside Management

Bicycle Facilities, Parking, Pedestrian Facilities, Roadway Lighting, Signs and Linemarking, Noise Amelioration, Landscape Design, Roadside Management, Weed Management and Control

Geotechnical Engineering

Road and Bridge Site Investigations, Geotechnical Hazard Identification and Landslip Repair Treatments, Site Condition Information Documents

Pavement Technology

Selection of Surfacing Treatments for Maintenance and Rehabilitation, Pavement Design, Lime Stabilisation of Earthworks, Pavement Subsurface Drainage, Ride Quality of New Construction, Skid Resistance, Sprayed Seals, Collection and Analysis of Road Surface Condition Data, Asset and Pavement Management Systems, Audit and Surveillance of Asphalt and Sprayed Seals, Construction of Unbound Flexible Pavements, Cost Effective Pavement Rehabilitation and HDM-4 Economic Evaluation of Pavement Treatments

Road Construction

Traffic Control at Worksites, Quality Audits and Surveillance of Construction, Earthworks, Drainage, Asphalt, Structures, Materials Properties, Traffic Barriers and Roadside Furniture, Landscape and Architectural Issues, Roadside Management, Environmental Management and Controls, Land Acquisition, Design Management and Preconstruction Activities

VicRoads International has delivered capacity building programs in: *Australia, Bangladesh, Canada, China, Eritrea, Fiji, Hong Kong, India, Indonesia, Ireland, Malaysia, the Philippines, Samoa, Singapore, South Africa, Thailand and the West Indies.*

VicRoads International also conducts corporate visit programs for international road agencies and government organisations.

