

Rob A.W. Dingen

Nationality: Dutch
Date of birth: 08-09-1960
Present Position: Managing Director, Orion Consulting Associates
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Education MSc, Silsoe College, Cranfield University, UK (1990).
BSc (HBCS), Netherlands and EUR ING with FEANI

Languages Dutch (Mother Tongue).
English (Fluent)
German (Working knowledge)
Nepali (speaking: Working knowledge)
French (Basic)

Country Experience

Africa	Liberia, Malawi, Mozambique, Nigeria, Tanzania, Uganda, Zambia, Zimbabwe
Asia	Afghanistan, Bangladesh, Bhutan, India, Indonesia, Nepal, Vietnam
Pacific	Papua New Guinea, Philippines, Solomon Islands, Timor-Leste, Vanuatu
Middle East	Iraq, Yemen
Latin/S. America	Nicaragua
Europe	Netherlands, United Kingdom

Summary of professional experience, expertise and skills

- Familiar with Human Resource Management and Project Management Tools.
- Familiar with project cycles and procedures of UN, DFID, EU, WB, ADB, Danida, AusAID
- Team role management
- Over 22 years professional experience as a rural infrastructure and planning engineer in Europe, Africa, Asia and the Pacific;
- Worked for aid agencies, consultancy firms, research institutes and NGOs;
- Experienced as team leader, trainer, consulting specialist in long and short-term assignments in the transport infrastructure and water sectors, physical and area based planning;
- Has been responsible for the formulation and evaluation of various aid modalities including projects, programs and sector budget support;
- Key expertise covers rural and peri-urban access and water engineering, road network and integrated access planning, small-scale contractor development, labour-based road and public works engineering and appropriate technology, capacity building and institutional development;
- Holistic approach to infrastructure development for and with target beneficiaries, within the context of wider socio economic development;



Professional Experience

June 2007 – to date: Managing Director (founder), Orion Consulting Associates (OCA) BV.

June 2011, September/October 2011: Supervision missions of Urban Youth Employment Project in PNG, and the REP in SOLOMON ISLANDS, WORLD BANK

Review, procurement and selection process for consultants and firms, draft standard bidding document, request for proposals document and technical scoring of Eols. Technical supervision on effectiveness of programme implementation activities. Client: World Bank.

March 2011,; Supervision mission of Rapid Employment Programme in SOLOMON ISLANDS, AND Urban Youth Employment Project in PNG, WORLD BANK

Review, consultant ToR development and technical advise on implementation and work planning in both employment projects. Client: World Bank.

September 2009 – June 2012: Vanuatu Transport Sector Support Programme, VANUATU

Advisory Panel input as Technical Director of the TA project management team of URS/OCA. Specific duties: technical backstop, project management, development of community and small contractor training and development programme. Regular visits in country.

May/Jun 2010 and Aug/Sept 2010: Project Preparation of the Solomon Islands Transport Sector Project, SOLOMON ISLANDS

As the Community Based Maintenance Specialist of the TA design team of GHD consultants, design of the maintenance programme, specifications and institutional requirements to sustain community based maintenance of public transport infrastructure using appropriate techniques. Client: ADB/GHD.

February 2010: Design / Appraisal of Rapid Employment Programme in SOLOMON ISLANDS, WORLD BANK

Appraisal and design of labour intensive sub-projects and REP implementation management, targeting poorer unemployed population of Honiara. Client: World Bank.

January 2010: Mobilisation of International TA team- VTSSP, VANUATU

Management support and handover of TL responsibilities to long term TL and support and advice to team in the inception of the project. Introductions to design and implementation modalities and technical training. Client: Ausaid

October – December 2009: Start up of the Vanuatu Transport Sector Support Program, VANUATU

Interim Team Leader and technical director for URS/OCA in the VTSSP, supporting the Public Works Dept in the outsourcing of road infrastructure development and maintenance, using appropriate local resourced technologies and implementation methods at three levels of implementation: Community Based maintenance contracting, island based contracting and NCB for major works. Client: AusAID.

September 2009: Review and design of Rapid Youth Employment Programmes in PNG and SOLOMON ISLANDS, WORLD BANK

Review and design of labour based and labour intensive sub-project targeting and design of management and supervision structure and supporting TA to government counterpart. Client: World Bank.

July 2009, March/April 2009, Jan 2009, Sept-Oct 2008: Support to the Community Sector Program, SOLOMON ISLANDS

Continued training and support to project staff in labour based road works, programming of road maintenance works and implementation modalities, providing technical support in Transport Sector reviews and to the implementation of the Sector Wide Approach and contractor development. Client: GHD Hassall, AusAID.



Jan/Feb 2009: Preliminary Design Studies for the VTSSP, VANUATU, AusAid

Team leader for the preliminary technical design studies for the Vanuatu Transport Sector Support Programme, in preparation of the implementation of phase one of the programme. The study included design surveys, preparation of BoQs, development of design standards and implementation modalities and financial arrangements for the financing of equipment for the government and private sector and the packaging of contracts for three levels of implementation: community, island based contractors and national contractors. The team consisted of three specialists, working closely with PWD staff. Client: AusAID.

August 2008: Peer Review of AusAID Strategy for engagement in the Transport Sector, SOLOMON ISLANDS

Review of the strategy document and participation in the peer review conference. Client: AusAID.

May-July 2008: Capacity development in Labour Based techniques in road construction and maintenance, Community Sector Programme, SOLOMON ISLANDS

The assignment included the training of project staff on land surveying, setting out, design, work scheduling and contracting of community groups, including the development of appropriate contract documentation and productivity rates and an access planning survey on Small Malaita. CSP-Hassall Associates, AusAID.

March-April 2008: Community Access Planning, LIBERIA

The USAID funded Liberia Community Infrastructure Project is managed by DAI. The assignment focused on the development of appropriate planning and assessment tools for investments in local resource based community infrastructure. The deliveries included an outline for the approach, a draft guideline and training to the implementing partner, a local NGO.

Feb 2008: Lecturing in Reintegration Course of Ex-Combatants, Birmingham, UK

Lecture in course on Labour Based technology in employment generation for ex-combatants and war-affected communities.

Nov-Dec 2007: Training contractors and supervisors in Labour Based techniques in road construction and maintenance, Community Sector Programme, SOLOMON ISLANDS

Design and conduct of training in implementation and organization of LB road works. Participants included technicians and engineering staff from government, the CSP project and the private sector. The training included classroom and field based sessions. AusAid funded, Hassall and Ass. PTY TA.

Sept-Nov 2007: Capacity development in Equipment Supported Labour Based road maintenance, SIRIP, SOLOMON ISLANDS

Developing modalities for national and community contracts for Labour Based road maintenance on national and feeder roads. Identification of road projects, capacity assessment, procurement of LBES construction equipment. Design training programme for contract management and implementation of works and organising and facilitation of a donor-government workshop on mainstreaming LB methods. Solomon Islands Road Improvement Programme, ADB / AusAid / New Zealand Aid funded, Cardno Acil TA.

Jan-June 2007: Capacity Development for Rural Access Improvement, LIBERIA

EC funded, GOPA mbH. Consultants' Team Leader; Development of a community based system for rural road improvement and maintenance and the development of technical standards, training modules and delivery of training to local Implementing Partners (NGO's) and Government staff. The project was innovating and guiding in the approach of road corridor development, allowing for parallel investments and funding of off-road infrastructure in communities in the vicinity of the road. The project adopted the approach of appropriate techniques and local resourced implementation; making use of local available material and human resources, applying (labour based) implementation methods consistent with the skills levels available. Client: EC/GOPA.

Oct-Dec 2006: Founding activities for *Orion Consulting Associates*; a new company of partnership of independent consultants

September 2006: Formulation of an implementation protocol for the establishment & funding of a transport fund, SOLOMON ISLANDS



EC funded, GOPA mbH. Specific duties: estimate annual and long term funding requirements for maintenance and rehabilitation of the road network and advance the process of setting up, running and funding a national transport fund for inclusion in an Implementation Protocol. The results of this assignment were later used as the basis for further road network asset management and informed the sector wide approach in the transport sector. Client: EC/GOPA.

July 2006: Formulation of Rural Development Programme- 2, TIMOR-LESTE

ILO representative in joint formulation of ILO, UNDP and FAO for an EC funded (9 million) Programme Proposal, including Labour Based road works and contractor training, Market Access, Agriculture Institutional Strengthening with focus on Poverty Reduction and Employment Creation. Client: ILO-ASIST AP.

June 2006: Data processing tools analyses, BHUTAN

Short home based assignment, advising on merging various data processing methodologies in Bhutan. Client: SNV-Bhutan

April/May 2006: Community Access Component (CAC) Support, UGANDA

Team Leader for Cowi Consult of the CAC of the Road Sector Programme Support. Drafting Planning Manual. Client: Danida/Ministry of Works.

March 2006: Programme Assessment and Preparation, TIMOR-LESTE

Rural Infrastructure Development for Local Economic Development, Poverty Reduction and Employment Creation. The consultancy involved an assessment of a pilot Labour Based road construction project, conducting a national workshop, developing and introducing a sustainable rural infrastructure approach using labour-based methods, introducing participatory rural infrastructure planning guidelines (contractor) training needs requirements. Output: an agreed Project Outline Document for funding and collaboration. Client: ILO-ASIST AP, Ministries of Public Works and Labour.

Nov-Dec 2004, May, August, Nov 2005, Jan-Feb 2006: Institutional support to Decentralised Planning Programme, BHUTAN

Consultant-Team Leader for SNV-Bhutan to establish best practices, identify options, develop and demonstrate Bhutan Specific Rural Access Planning Tools and Procedures for national and district road planning and the development of guidelines and procedures for District Transport Master Plans and multi-sector planning. Client: Planning Commission (MoF), PPD-MoW. PPD-MoA; Funding Agency SNV

Sept-Oct, Dec 2004, Mar, Jun 2005: Community Access Component Support, UGANDA

Team Leader for Cowi Consult of the CAC of the Road Sector Programme Support. Intermittent inputs of 3 months per year from 2004 to 2007. Responsibilities include the management of the component, providing guidance and training to the local staff, the district staff and the Technical Support Unit in planning, selection and realisation of community access road interventions and local level non-road infrastructure improvements. Client: Danida/Ministry of Works.

April-May, July-Aug 2004 and April 2005: Ekiti Rural Access Programme, Ekiti State, NIGERIA.

Development of a pro-poor methodology for planning of access improvement interventions and training of State Department for Rural Development officials and selected Local Governments in this planning methodology; DFID-Roughton International, 3 months intermittent

March 2002-January 2004: Community Travel and Transport Project, Lira District, UGANDA

Team Leader for Cowi Consult of a pilot project to enhance rural travel and transport and improve access to basic facilities, to contribute to poverty reduction in the district. International consultant inputs are intermittent; the project is implemented by the district Local Government, following a process approach. Pilot phase completed end Jan. '04.
Donor: Danida



June/July, Aug/Sep and Nov 2003: Planning Adviser to the National Emergency Employment Program (NEEP), Kabul, AFGHANISTAN. Development of project selection methodology, road condition assessment and procedures for investments under the Worldbank funded NEEP-Rural Access; NEEP is a coordinating programme for 7 ministries targeting rural access problems and rural poverty through infrastructure development, service delivery and employment creation. Client: Transitional Islamic Government of Afghanistan, contracted by UNOPS.

October 2003: Adviser to Iteco, Morogoro, TANZANIA.

Analysis and advise on approach to adaptation of Integrated Access Planning in the project; under the SDC funded District Road Support Programme. Client: SDC.

October 2002 and March/April 2003: Feasibility assessment and Training in IRAP, Bluefields, NICARAGUA

Assessment of needs and appropriateness of Access Planning and selection methodology for transport infrastructure investments and training of the socio-economic implementation team of the Danida funded "Transport Sector Programme Support Component".

May 2002: Tripartite evaluation of IRAP III, PHILIPPINES

Final tripartite evaluation of the "Nationwide application of the Integrated Rural Accessibility Planning Project (phase3); a collaboration between the Department of Interior and Local Government (DILG), the ILO and the Dutch Government. Client: ILO.

June 2001-January 2002: Second Rural Infrastructure Development Project, NEPAL Assisting the Government of Nepal, with ADB funding, in the design of a national development project to enhance income generating opportunities and making essential socio-economic support services accessible to the rural poor. This includes a sector review, policy and institutional analysis, feasibility studies, definition, design and implementation arrangements in the rural infrastructure sector; selection and appraisal criteria for sub-projects, the design and conduct of feasibility studies, the review of construction and contracting approach, technical standards and (labour) norms, O&M requirements
Leading consultant: SWK.

April-June 2001: Road Selection & Prioritisation system development, UGANDA

Assisting DANIDA, through Cowi Consult, in developing the selection and prioritisation methodology for labour based contracting works on district roads in 7 districts in the north of Uganda. Activities undertaken include setting up road inventory & condition surveys and sub-county level road prioritisation, and the conduct of training in these subjects.

February-April 2001: Preparation and formulation of a for a Rural Access Program, YEMEN

Formulation of a methodology and work plan for the World Bank Rural Accessibility Improvement Program and the drafting of the Consultant ToR for the first phase. This formed the basis for a 10 year nation wide rural access road program; World Bank, Washington DC.

January 2001: Workshop on Integrated Rural Access Planning, MALAWI

Facilitation of a Workshop for District Directors of Planning in the application of IRAP in the prioritisation and selection of projects for development; ILO-ASIST Harare.

January 2001: Evaluation of the Pemba Small Scale Irrigation Project, Pemba Island, TANZANIA

Final Evaluation of the Consolidation phase of the PSSIP and drafting a framework for irrigation development on the island; ILO-ASIST Harare.

September - December 2000: Continuation of Field testing IRAP Methodology (see April 2000)

August 2000: Evaluation of the Sidhmukh & Nohar Irrigation Project, HARYANA, INDIA

Evaluation of the 84,000 ha irrigation project For DHV Consultants, Client: EC. The evaluation of the project looked at the progress, performance and the planning of the construction of the main canal system conveying water through 3 States. The purpose of the evaluation was a milestone decision for additional investments and continuation of project funding. The report recommended to continue funding for an additional period of 6 months and suggested further guarantees and conditions for this investment.

July 2000: Identification Workshop for Rural Infrastructure Assistance, VIETNAM



Preparation and Facilitation of a Workshop in Ha Tinh, to identify areas for intervention and to select and prioritise Communes. Client: Oxfam-GB.

May 2000: Preparation of CTPP in Lira District, UGANDA

Field surveys, compilation of a district profile and preparation of a component description for the Community Travel and Transport Programme, with IT Transport. Client: DANIDA.

April 2000: Fieldtesting Cost Benefit analysis for Rural Access Planning in MALAWI & VIETNAM

Advising DFID and the ILO on optimising the Integrated Rural Access Planning methodology by applying cost-benefit indicators in Rural Access to enhance the applicability of IRAP at local level.

February 2000: Rural Access Study in Kalabo District, ZAMBIA

Study on applicability of Access Planning for basic services in the rural areas of Kalabo District. Advising the ILO and the Local Consultant in the application and integration of planning for services as Water Supply, Schools, etc, using secondary sources of information.

November 1999-January 2000: Rural Transport and Infrastructure Study in Zambezia, MOZAMBIQUE. Conducting Rural Survey of Access and Transport problems in Rural Mozambique for the British Development Agency DFID.

November 1998-October 1999: Rural Access Programme, VIETNAM

Rural Accessibility Specialist in Multi-disciplinary consultants team for IT-Transport/ DFID; Preparation phase of an Integrated Rural Access Programme and a National Strategy study and advising the government in the selection methodology for the World Bank Rural Transport Programme.

October 1998: Draft Integrated Rural Accessibility Planning Guidelines for MALAWI

Short assignment for the ILO to prepare a draft Guideline for Integrated Rural Accessibility Planning in Malawi.

March-April 1998: Mid Term Review of IFADEP, BANGLADESH

Rural Infrastructure Specialist in Multi-disciplinary consultants team for the EC-DGI; Mid term evaluation of the Growth Centre Connection Road project; one of the four components of the Integrated Food Assisted Development Programme (WFP).

1994-1997: Pilot Integrated Rural Transport Project (PIRTP), MALAWI

Technical Adviser in Rural Access/Transport Planning for the ILO/UNDP: team leader in development of Guidelines for Integrated Rural Access Planning; member of the task force to draft the National Rural Transport Policy. Adviser to the national project team in implementation and execution of rural infrastructure. General project planning and -management, responsible for technical assistance budget

May 1995 UNDP Regional Water Development Programme, MALAWI

Short term (2 weeks) consultancy for UNDP: Inventory of irrigation development activities nation wide, on "Access to Water for Food Security and Productivity". The emphasis was on identification of water sources, harvesting techniques and storage capabilities. This included groundwater, earthen dams, river water, catchment's development and conservation. Focus on small scale irrigation and ownership/management by farmer groups and water users.

March 1995: Irrigation Development Project, Pemba Island, TANZANIA

Training Consultant for ILO/UNDP in planning, design and execution of Rapid Rural Appraisals by the Irrigation Field Staff. Technical Advise on earthen dams, intakes and distribution of water for irrigation and drinking water.

1992-1994: Dhaulagiri Irrigation Development Project (DIDP), NEPAL

Technical Adviser in Irrigation Development for the ILO(-DANIDA) in engineering advisory activities and on the job training in identification, selection, surveying, designing and implementation of small scale, farmers managed irrigation projects, access paths, tracks and trails. One of the focal points of the project was the parallel capacity strengthening of Local Government (district offices), Water Users Associations and local NGOs.



The project had strong training components in technical skill development, socio-economic aspects, labour based contracting development and income generating activities.

1993: Myagdi/Baglung Food For Work -Tracks and Trail programme, NEPAL

Supervision of the Tracks and Trails Project in Myagdi district for ILO/WFP. Responsible for the supervision of labour based contractors.

1991-1992: "Interprojekt" Consultants, THE NETHERLANDS

Project Leader/ Hydrological Adviser; Conducting (environmental impact) studies in soil & water: risk analyses, pollution rates, impact assessment, supervision. Managing implementation of civil engineering and environmental works: Supervision of project execution, responsible for the progress, planning, finance, execution and reporting of projects. Acquisition and preparation of bids and tender documents.

Aug '90-Jan '91: Agriculture Research Institute, Staring Centre, THE NETHERLANDS

Technical Engineer/Consultant to the Department of Remote Sensing; Interpretation of satellite images, preparation of planning- and land classification maps, for infrastructure projects within the European Union.

Jan-July 1988: Irrigation Development Project Palopo, Sulawesi, INDONESIA:

Design Engineer with DHV-Consultants and implementation of farmer managed irrigation schemes and access roads, contractors' supervision.

June-Dec 1983: Euroconsult, Abu Ghraib Project, IRAQ

Design Engineer in Drainage and Irrigation (of tertiary units), hydraulic calculations and structural design.