

PROJECT EXPERIENCE RECORD: ANDREAS HELMICH

PROJECT	LOCATION	CLIENT REFERENCE	PROJECT VALUE IN N\$ MILLION	SERVICE VALUE IN N\$ MILLION	YEAR OF EXECUTION	PROJECT SIZE / km	DESCRIPTION OF PROJECT/SERVICES	CATEGORY OF SERVICES PERFORMED					
								Investigation, Surveys & Special Services	Feasibility		Design		Contract Admin & Site Supervision
									Tech	Econ	Prelim	Detail	
Project Scoping for Rehabilitation & Upgrading of Rumphu - Thazima Chilinda Camp road	Malawi, Northern Region	KfW (German Development Bank)	N\$ 40 m	N\$ 0.218 m	October - December 2015	120 km	External technical expert, technical and financial project scoping, proposal to KfW for reehabilitation & upgrading measures to be funded	√	(√)	(√)			
Green Goal Non-Motorized Transport (NMT) Project - Phase 2	South Africa (Johannesburg, eThekweni, Polokwane, Cape Town)	KfW (German Development Bank)	N\$ 69 m	N\$ 0.441 m	April - December 2015		External technical expert, technical project appraisal, appraisal of proposed project components; Tender Agent: Prepare Pre-Qualification Documents and Evaluation Scheme, Evaluate Pre-Qualification Documents, Reporting, Short-listing, Compile TOR / RfP, Evaluate Bids, Reporting, Proposal for Award, Support Contract Negotiations and Award	√					
Project Appraisal, Rehabilitation and Upgrading of the South Sudan Link Road (66 km section of 385 km)	Kenya	KfW (German Development Bank)	N\$ 1,725 m	N\$ 0.107 m	April 2015 - March 2016	66 km	External technical expert, technical project appraisal, appraisal of engineering design, pavement design, economic & environmental reports; Tender Agent: Prepare Pre-Qualification Documents and Evaluation Scheme, Evaluate Pre-Qualification Documents, Reporting, Short-listing, Compile TOR / RfP, Evaluate Bids, Reporting, Proposal for Award, Support Contract Negotiations and Award	√					
Poverty Focused Rural Transport Programme - Rehabilitation of Feeder Roads in Ashanti and Brong Ahafo Regions	Ghana	KfW (German Development Bank)	N\$ 108 m	N\$ 0.185 m	January - February 2016	107 km	External technical expert, completion inspection, technical and financial completion reporting	√					
Feasibility Study on Transport Options and Trunk Road Concepts to Reduce Traffic Crossing the Serengeti NP	Tanzania	KfW (German Development Bank)	N\$ m	N\$ 0.225 m	December 2014 - May 2015	389 km	Tender Agent: Prepare Pre-Qualification Documents and Evaluation Scheme, Evaluate Pre-Qualification Documents, Reporting, Short-listing, Compile TOR / RfP, Evaluate Bids, Reporting, Proposal for Award, Support Contract Negotiations and Award	√					
Project Appraisal, Rehabilitation and Dualling of the Mombasa - Mariakani Highway, 46 km	Kenya	KfW (German Development Bank)	N\$ 3,470 m	N\$ 0.280 m	June - December 2014	46 km	External technical expert, technical project appraisal, appraisal of engineering design, pavement design, economic & environmental reports, appraisal of tender documents, progress reporting	√					
Pre-Feasibility Study on Transport Options and Trunk Road Concepts to Reduce Traffic Crossing the Serengeti NP	Tanzania	KfW (German Development Bank)	N\$ 1,948 m	N\$ 0.425 m	May - October 2014	389 km	Project management, technical and financial investigation of suitable routes to bypass the Serengeti National Park: investigation of alternative routes, data collection, feasibility calculations, stakeholder management, compilation of TOR for Feasibility Study	√	√	√			
Adaptation to Climate Change: Access Roads and Drainage Structures to Public Facilities in Northern Namibia	Namibia (North-Central Regions)	KfW (German Development Bank)	N\$ 1,461 m	N\$ 0.250 m	January - July 2014	217 km	Project Manager: Data collection & review, reconnaissance and problem analysis, selection of eligible facilities, socio-economic investigation, economic analysis, cost estimates, preliminary design, project report, client liaison, financial control	√	√	√	√		
Project Appraisal for the rehabilitation and upgrading to 4 lanes of TR 1/6: Windhoek - Okahandja	Namibia (Central Regions)	KfW (German Development Bank)	N\$ 2,634 m	N\$ 0.090 m	January - March 2014	109 km	External technical expert, technical advice, inspection of proposed project roads, standards, procurement methods, budgeting, programming, technical reporting	√	(√)	(√)			

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Project Appraisal for Labour-Based Gravel Road Construction Programme IV	Namibia (North-Central Regions)	KfW (German Development Bank)	N\$ 500 m	N\$ 0.150 m	January - May 2014	275 km	External technical expert, technical advice, inspection of proposed project roads, standards, procurement methods, budgeting, programming, technical reporting	√	(√)	(√)			
Detail Design, Tender Documentation, Contract Management and Site Supervision of the road upgrading/new construction to low-volume bitumen standard of DR 3508: Namalubi-Isize - Schuckmannsburg	Namibia (Zambezi Region)	Roads Authority	N\$ 436 m	N\$ 0.981 m	October 2013 / November 2015	53 km	Project Manager: Prelim. Investigations & design, detail design, tender documentation, cost estimates, site supervision, contract administration, project report, client liaison, financial control, claim evaluation				√	√	√
Capacity Development in the Transport Sector in Liberia	Liberia	GIZ (German International Cooperation)		N\$ 0.835 m	February / December 2013		Support with drafting of Road Authority/Road Fund legislation, transformation of sector tasks, i.e. vehicle & driver licensing, road safety, overload control, determine funding scenarios, personnel structures, transition planning, stakeholder liaison	√					
Rural road construction and maintenance programme	Mozambique (Inhambane Province)	KfW (German Development Bank)	N\$ 114 m	N\$ 0.34 m	September 2010 / September 2015	276 km	External technical expert, technical progress control, completion inspection, technical and financial progress reporting	√					
Rural transport for poverty reduction programme in the South Province of Zambia (equipment- and labour-based projects)	Zambia (South Province)	KfW (German Development Bank)	N\$ 182.4 m	N\$ 0.530 m	April 2009 / March 2015	1500 km	External technical expert, technical project supervision, appraisal of engineering design, appraisal of project prioritization, appraisal of tender documents and tender process, technical supervision of training component, progress reporting	√					
Technical Study: Proposals to Rehabilitate Borrow Pits along the National Road Network	Namibia (North-Central Regions)	Roads Authority		N\$ 1.3 m	June 2012 / July 2014	± 750 borrow pits	Project Manager: Data collection & review, reconnaissance and problem analysis, rehabilitation proposals, economic analysis, cost estimates, tender documentation, implementation programme, project report, client liaison, financial control	√	√	√	√		
Road Construction Contractor Development and Training (SME Development)	Liberia	GIZ (German International Cooperation)		N\$ 0.275 m	August 2012 / September 2012		Development of training and development proposals for road construction SMEs, proposal development for tender documentation and construction contracts, procedures manuals	√					
Road Sector Support Project 1 - Kabale - Kisoro - Bunagana/Kyanika Road Upgrading Project	Uganda (Kabale & Kisoro Provinces)	African Development Bank	US\$ 73 m	US\$ 42,000	August 2011 / May 2012	100.3 km	External Technical Auditor: Assess conformance to standard methods of measurement and payments, review interim payment certificates, price adjustment, variation orders and claims, identify potential claims and disputes, ascertain conformance of the construction team to all aspects of the conditions of contract, identify implementation constraints or shortcomings	√					

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Feasibility Study for the Rehabilitation of Trunk Roads TR 1/2 Grunau - Keetmanshoop and TR 1/3 Keetmanshoop - Mariental	Namibia (Karas & Hardap Regions)	Roads Authority	N\$ 2.2 m	N\$ 0.29 m	August 2011 / July 2012	387 km	Project Manager: Prelim. Investigations & design, detail design, tender documentation, cost estimates, site supervision, contract administration, project report, client liaison, financial control, claim evaluation		√	√			
Detail Design, Tender Documentation, Contract Management and Site Supervision of the gravel road construction of DR 3674: Onayena - Omahenge (labour-based)	Namibia (Oshikoto & Ohangwena Regions)	Roads Authority	N\$ 31.6 m (estimate)	N\$ 0.66 m	August 2011 / October 2014	24.5 km	Project Manager: Prelim. Investigations & design, detail design, tender documentation, cost estimates, site supervision, contract administration, project report, client liaison, financial control, claim evaluation				√	√	√
Detail Design, Tender Documentation, Contract Management and Site Supervision of the gravel road construction of DR 3649: Onalulago - Epembe (labour-based)	Namibia (Oshikoto & Ohangwena Regions)	Roads Authority	N\$ 54.1 m (estimate)	N\$ 0.98 m	January 2011 / April 2015	42 km	Project Manager: Prelim. Investigations & design, detail design, tender documentation, cost estimates, site supervision, contract administration, project report, client liaison, financial control, claim evaluation				√	√	√
Detail Design, Tender Documentation, Contract Management and Site Supervision of the gravel road construction of DR 3657: Oshapapa - Epumbu (labour-based)	Namibia (Oshikoto Region)	Roads Authority	N\$ 39.5 m (estimate)	N\$ 0.92 m	December 2010 / July 2014	32 km	Project Manager: Prelim. Investigations & design, detail design, tender documentation, cost estimates, site supervision, contract administration, project report, client liaison, financial control, claim evaluation				√	√	√
Capacity Development in the Transport Sector in Liberia	Liberia	GTZ (German Development Cooperation)		N\$ 0.37 m	July 2010 / November 2011		Project management and project controlling training to the Liberian Ministry of Public Works, development proposals for SMEs, Construction and Maintenance Divisions	√					
2009 Revision of the Medium to Long Term Roads Master Plan	Namibia	Roads Authority	N\$ 3.393 m	N\$ 0.65 m	January 2010 / July 2011		Team Leader, review & update of Rural Acces Roads Policy, MLTRMP programme, economic evaluation, study report	√		√			
Joint annual review of the Namibian roads sub-sector 2010	Namibia	Ministry of Works & Transport, KfW, GTZ, EU	N\$ 0.37 m	N\$ 0.37 m	March 2010 / September 2010		Technical Expert, data collection, progress evaluation, workshop, review report, client liaison	√					
Study on Flooding of Proclaimed Roads in North Central Namibia	Namibia (Omusati, Oshana, Ohangwena, Oshikoto Regions)	Roads Authority	N\$ 3.099 m	N\$ 0.33 m	March 2009 / March 2010	600 km	Project Manager: Data review, drainage design review, drainage design guidelines, cost estimates, study report	√	√	√	√		
Bitumen road rehabilitation of Addis Abeba - Gedo road	Ethiopia	KfW (German Development Bank)	N\$ 985.3 m	N\$ 0.1 m	October 2009 / January 2010	179 km	External technical expert, technical progress control, completion inspection, technical and financial progress reporting	√	√	√			
Joint annual review of the Namibian roads sub-sector 2009	Namibia	Ministry of Works & Transport, KfW, GTZ, EU	N\$ 0.305 m	N\$ 0.305 m	March 2009 / September 2009		Technical Expert, data collection, progress evaluation, workshop, review report, client liaison	√					

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Ex-post evaluation of KfW-financed roads in northern Namibia	Namibia (Omusati, Oshana, Ohangwena, Oshikoto, Kavango, Zambezi Regions)	KfW (German Development Bank)	N\$ 0.220 m	N\$ 0.220 m	January 2009 / August 2010	430 km	Ex-post evaluation of KfW-financed roads in northern Namibia (TR 1/12: Ondangwa-Oshikango; TR 8/3: Mururani Gate-Rundu; TR 8/6: Kongola-Katima Mulilo; KfW Labour-based II): data collection, road condition evaluation, evaluation report, sector status report	√		√			
Application for co-financing for the programme Labour-based road construction IV	Namibia (Omusati, Oshana, Ohangwena, Oshikoto Regions)	Roads Authority, KfW (German Development Bank)	N\$ 197.1 m	N\$ 0.1 m	December 2008 / February 2009	107 km	Technical Expert: compile request, review and prioritize labour-based construction projects, cost estimates	√		√			
Joint annual review of the Namibian roads sub-sector 2007/2008	Namibia	Ministry of Works & Transport, KfW, GTZ, EU	N\$ 0.237 m	N\$ 0.237 m	March 2008 / November 2008		External Technical Expert: data collection, progress evaluation, workshop, review report, client liaison	√					
Bitumen rehabilitation and Widening of Luena – Lucusse road	Angola (Moxico Province)	INEA (Angolan Roads Agency)	N\$ 1,403 m	N\$ 1.99 m	May 2007 / December 2009	134 km	Project Engineer: geometric/pavement and bridge design review, contract management and administration; additional designs, client liaison, claim evaluation					√	√
Construction of the Karibib Portland Cement Factory	Namibia (Erongo Region)	Karibib Portland Cement (Pty) Ltd	N\$ 1,648 m	N\$ 0.25 m	2008 / 2010	15 km	Project Management Advisor for the civil works of the project, including the construction of a 280,000 m ² concrete platform, new construction of 15 km of asphalt surfaced access road, new construction of 10 km of railway access as well as 10 km water pipeline and other services				√	√	
Upgrading to bitumen standard of MR 67 between Kamanjab and Omakange, funded by ADB	Namibia (Kunene Region)	Roads Authority	N\$ 338.9 m	N\$ 0.0 (Employee of the Client)	2004 / 2007	204 km	Project Control Engineer: Detail design; drainage design; pavement design; tender documentation; contract management and administration; design changes, weighbridge design				√	√	√
Upgrading to bitumen standard of MR 123: Outapi - Tsandi - Okahao	Namibia (Omusati Region)	Roads Authority	N\$ 101.3 m	N\$ 0.0 (Employee of the Client)	2002 / 2007	55 km	Project Control Engineer: Contract management and administration; claim evaluation and negotiation; additional designs; additional drainage design				√	√	√
Upgrading to bitumen standard of MR 100 between Omakange and Opuwo	Namibia (Kunene Region)	Roads Authority	N\$ 133.5 m	N\$ 0.0 (Employee of the Client)	2003 / 2006	56 km	Project Control Engineer: Detail design; bridge design; pavement design; tender documentation; tender evaluation and negotiation; contract management and administration; claim evaluation and negotiation; additional drainage designs						√
Rehabilitation of TR 1/11 between Ondangwa und Oshikango	Namibia (Oshana / Ohangwena Region)	Roads Authority	N\$ 99.2 m	N\$ 0.0 (Employee of the Client)	2001 / 2005	62 km	Project Control Engineer: Detail design; pavement design review; tender documentation; contract negotiations; part-time contract management and administration; claim evaluation and negotiation; additional designs				√	√	√
KfW Labour-based Projects II (DR 3636, DR 3637, DR 3638, DR 3639, DR 3603), construction of 5 roads totalling 114 km of gravel roads and 8 km upgrading to bitumen standard	Namibia (Ohangwena, Oshana, Oshikoto Regions)	Roads Authority	N\$ 67.0 m	N\$ 0.0 (Employee of the Client)	2000 / 2005	122 km	Project Control Engineer: Detail design; drainage design; tender documentation and tender procedure/award; pre-qualification and evaluation of technical and financial proposals and tender award for site supervision; part-time contract management and administration; claim evaluation and negotiation		√	√	√	√	√

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Upgrading and new construction to bitumen standard of MR 120: Okatana - Endola - Onunho	Namibia (Oshana / Ohangwena Regions)	Roads Authority	N\$ 94.0 m	N\$ 0.0 (Employee of the Client)	2002 / 2004	34 km	Project Control Engineer: Evaluation of technical and financial proposals for the detail design, documentation and site supervision; contract negotiations for consultancy services; appointment of consultant; detail design; tender documentation				√	√	
Upgrading and new construction to bitumen standard of MR 122/123 between Okahao and Omakange	Namibia (Omusati Region)	Roads Authority	N\$ 329.0 m	N\$ 0.0 (Employee of the Client)	2005	96 km	Project Control Engineer: Detail design; negotiation of consultancy contract for construction phase; construction tender documentation; tender evaluation and negotiation; negotiation of construction contract				√	√	
DR 3630 between Ontana and Onkumbula and DR 3631 between Onyuulaye and Okankolo	Namibia (Oshikoto Region)	Roads Authority	N\$ 20.6 m	N\$ 0.0 (Employee of the Client)	2000 / 2002	86 km	Project Control Engineer: Detail design; drainage design; tender documentation and tender procedure/award						√
National Transport Development Plan	Namibia	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Engineer, Project Planning & Design: Review of Master Plan Documentation	√	√	√	√		
Climbing/Passing Lanes , Pavement Rehabilitation and other Improvements of TR 1/5 between Windhoek and Aris, co-financed by BADEA	Namibia (Karas Region)	Roads Authority	N\$ 92.5 m	N\$ 0.0 (Employee of the Client)	2002 / 2005	22 km	Project Control Engineer: Tender evaluation; contract management and administration; design changes; pavement design review; bridge design review; claim evaluation and negotiation						√
Rehabilitation of TR 1/7 between Okahandja and Otjiwarongo	Namibia (Otjozondjupa Region)	Roads Authority	N\$ 199.2 m	N\$ 0.0 (Employee of the Client)	2002 / 2005	178 km	Project Control Engineer: Pontract management and administration; claim evaluation and negotiation; design changes.				√	√	√
Rehabilitation of TR 8/6: Kongola – Katima Mulilo	Namibia (Caprivi Region)	Roads Authority	N\$ 193.1 m	N\$ 0.0 (Employee of the Client)	2003 / 2006	116 km	Project Control Engineer: Detail design; bridge design; pavement design review; tender documentation; tender evaluation and negotiation; contract management and administration; claim evaluation and negotiation; additional designs				√	√	√
Upgrading to bitumen standard of MR 118 Section A: Rosh Pinah – Grens, funded by ADB.	Namibia (Karas Region)	Roads Authority	N\$ 241.0 m	N\$ 0.0 (Employee of the Client)	2003 / 2007	118 km	Project Control Engineer: Tender negotiations, contract management and administration; claim evaluation and negotiation						√
Upgrading to bitumen standard of MR 118 Section B: Grens – Aus, funded by ADB/BADEA.	Namibia (Karas Region)	Roads Authority	N\$ 95.0 m	N\$ 0.0 (Employee of the Client)	2004 / 2007	51 km	Project Control Engineer: Tender documentation; negotiations with donor agency; contract management and administration.						√
Rehabilitation of TR 8/3: Mururani Gate – Rundu, funded by KfW	Namibia (Kavango Region)	Roads Authority	N\$ 118.6 m	N\$ 0.0 (Employee of the Client)	2002 / 2006	131 km	Project Control Engineer: Detail design; tender documentation; part-time contract management and administration; claim evaluation and negotiation; additional designs					√	√
Rehabilitation of TR 7/1 between Okahandja and Karibib	Namibia (Otjozondjupa / Erongo Regions)	Roads Authority	N\$ 289.0 m	N\$ 0.0 (Employee of the Client)	2001 / 2007	77 km	Project Control Engineer: Detail design; project prioritization recommendations; pavement design; drainage design; tender documentation; contract negotiations			√	√	√	

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Upgrading and pavement rehabilitation of TR 1/6 between Windhoek and Okahandja, extension of dual carriageway (7.5 km) and passing lanes (27 km), co-funded by BADEA	Namibia Khomas / Otjozondjupa Regions	Roads Authority	N\$ 300.0 m	N\$ 0.0 (Employee of the Client)	2001 / 2004	78 km	Project Control Engineer: Evaluation of technical and financial proposals and tender award for the design, documentation and site supervision; detail design changes, pavement design, tender documentation				√	√	
Labour-based construction of DR 3509, DR 3510, DR 3512 between Bukalo and Ikumwe	Namibia (Caprivi Regions)	Roads Authority	N\$ 14.4 m	N\$ 0.0 (Employee of the Client)	2001 / 2002	28 km	Project Control Engineer: Evaluation of technical and financial proposals and tender award for the detail design, documentation and site supervision; detail design; tender documentation and tender procedure/award				√	√	
Accompanying Measures, Quality Enhancement in the Transport Sector:	Namibia	Roads Authority		N\$ 0.0 (Employee of the Client)	2001 / 2002		Project Coordinator: Implementation and calibration of HDM 4 and assistance to integrate the HDM 4 into the Network Integration Module of the Roads Management System of the Roads Authority.	√					
Accompanying Measures, Quality Enhancement in the Transport Sector:	Namibia	Roads Authority		N\$ 0.0 (Employee of the Client)	2001 / 2002		Project Coordinator: Development and implementation of an accident information management system.	√					
Accompanying Measures, Quality Enhancement in the Transport Sector:	Namibia	Roads Authority		N\$ 0.0 (Employee of the Client)	2001 / 2002		Project Coordinator: Implementation of an overload control computer monitoring system.	√					
Research project in cooperation with TU Berlin (GTZ funded)	Namibia	Roads Authority		N\$ 0.0 (Employee of the Client)	2001 / 2002		Project Coordinator: Economically Justified Maintenance Effort on Unpaved Roads in	√					
Sight distances on TR 2/1 between Swakopmund and Walvis Bay	Namibia (Erongo Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Wash-aways on TR 1/2 between Keetmanshoop and Grünau	Namibia (Karar Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Non-motorized traffic on TR 1/6 (Windhoek Western Bypass)	Namibia (Khomar Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Condition of the bridge Independence Avenue over TR 1/6 (Windhoek Western Bypass)	Namibia (Khomar Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Speed limit at the intersection Hochland Road and TR 1/6 (Windhoek Western Bypass)	Namibia (Khomar Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					

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Speed limit on TR 1/4 at Mariental	Namibia (Hardap Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Speed limit on TR 2/1 within Usakos	Namibia (Erongo Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Speed limit on TR 1/7 within Otjiwarongo	Namibia (Otjozondjupa Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Research Engineer: Familiarize with standards and conduct research in the field and desk study, research report and recommendations	√					
Road Safety Audit: TR 8/3 between Mururani Gate and Rundu	Namibia (Kavango Region)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Project Control Engineer: attend and supervise audit and participate in field work of overseas specialist consultant	√			√		
Road Safety Audit: TR 1/11 between Ondangwa and Oshikango	Namibia (Oshana, Ohangwena Regions)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Project Control Engineer: attend and supervise audit and participate in field work of overseas specialist consultant	√			√		
Road Safety Audit: TR 7/1 between Okahandja and Karibib	Namibia (Otjozondjupa and Erongo Regions)	Roads Authority		N\$ 0.0 (Employee of the Client)	2000		Project Control Engineer: attend and supervise audit and participate in field work of overseas specialist consultant	√			√		