

CURRICULUM VITAE

Proposed role in the project: Transport Planner/Economist

1. **Name:** Loucas Zodiatis
2. **Date of birth:** 1961
3. **Nationality:** British
4. **Education:**

Institution [Date from – Date to]	Degree(s) or Diploma(s) obtained:
University of Middlesex, UK, 1983	BA (Hons.) in Economics & Geography
Imperial College, London, UK, 1984	MSc (Eng.) in Transport Planning & Engineering
University of Westminster, UK, 1990	Postgraduate Diploma in Town Planning (part-time)

5. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Greek	1	1	1
French	5	5	5

6. **Membership of professional bodies:**

Member of the Chartered Institution of Highways and Transportation, UK 1988

Member of the Chartered Institute of Logistics & Transport, UK 1988

Member of the Royal Town Planning Institute, UK 1990

Member of the Institution of Transportation Engineers, USA 1994

7. Professional experience:

Date from – Date to	Location	Company	Position	Description
2020 - date	UK	IMC	Evaluation Expert	High-Volume Transport Applied Research Programme UK Government initiative funding research for Low-Carbon High-Volume Transport in Low and Lower-Middle Income Nations. Transportation expert on ‘Technical Evaluation Panel’, assessing research proposals for scaling of low-carbon and sustainable mobility (including conversion from fossil fuel-based to electricity-based transportation modes and systems for both passengers and freight).
2020 – 2021	Angola	Dar Al Handasah	Transport Planner /Economist	Port of Luanda Masterplan Part of a team formulating proposals and development scenarios for the future development of Luanda port. Main duties included a review of current macro-economic conditions of Angola and its future development. Detailed forecasts of freight volumes utilising Luanda port were produced, disaggregated by cargo type (containerised and non-containerised) and giving due consideration to competition from other domestic and international ports.
2019 – 2020	Solomon Islands	Cardno	Transport Planner /Economist	Transport Sector Project Development Facility (TSPDF) ADB funded project comprising 3 separate components: the detailed design of the Guadalcanal Roads; the feasibility study of 7 wharves in outlying islands; and the feasibility of upgrading urban roads in Honiara and the assessment of a city centre bypass. For the Guadalcanal Roads (which comprised the sections between Town Ground and Lambi in the west, and Henderson to Mberande in the east), provided traffic design and road safety advice to the designers for the road sections and key intersections on the routes. For the wharves, undertook the economic appraisal of upgrading existing or providing brand new facilities at Moli, Buala, Viru Waisisi, Matangasi, Kirakira and Ahanga. For the Honiara urban roads, also conducted the economic appraisal using HDM-4 of the upgrades and the new bypass, plus provided advice on city centre traffic management, parking, road safety, facilitating pedestrian, cycle and bus travel, plus recommended solutions for ameliorating the problems caused by the operation of mini-buses (which is the main form of public transport).
2018 – 2019	Solomon Islands, Tonga & Vanuatu	Cardno	Transport Planner /Economist	Strengthening Domestic Connectivity in the Pacific Responsible for the traffic and planning-related related inputs to a number of road and infrastructure improvements in the project nations. Recommendations made for measures to improve roads and safety on the road sections and intersections under study. Also, conducted the review of the economic appraisals conducted for 5 road sections in the Solomon Islands and a major bridge crossing in Tonga.
2018 – 2019	Angola	Dar Al Handasah	Project Manager and Transport Policy Expert	Angola National Transport Sector Masterplan National transport master plan covering all modes – road (private and public transport), rail, maritime, ports, aviation and inter-modal facilities (public transport terminals and logistical platforms). Managed a large team of multi-modal and technical experts, both local and international. Oversaw the project to completion, where a number of reports were produced and stakeholder workshops conducted – in both English and Portuguese. Aside from the managerial duties, was also responsible for a variety of technical tasks, including the review of national transport policy and strategy, funding, finance and PPP; the review of demographic and socio-economic conditions, and the production of forecasts; the formulation of a short-term action plan and the longer-term master plan, (encompassing all modes), plus the production of an associated 20-year investment programme and implementation plan for prioritised measures (based on a strategic-level Multi-Criteria Analysis). Also, a separate project that was part of this overall contract was the pre-feasibility study of the rail link between the CFB railway in Angola and Zambia. This was undertaken in parallel to the masterplan.

2017 – 2020	Oman	Dar Al Handasah	Transportation Expert	Oman National Transport Survey & Regional Spatial Strategy Transportation expert in a team formulating multi-modal a regional spatial strategy for the Governorates of Al Batinah North, Al Buraimi and Musandam. Assessment of current and future roles for road (private and public transport), rail, air and sea transport, as well as urban/interurban transport, for both passengers and freight/cargo. Specific consideration was conducted of infrastructure requirements at border posts with the UAE, to improve trade facilitation.
2016 - 2019	Cyprus	ALA Planning Partnership	Transport Planner	Limassol Sustainable Urban Mobility Plan Part of team developing a mobility plan for the City of Limassol, focusing on public transport (Bus and light rail), and non-motorised modes (cycling and walking). Also, provided strategic guidance and assessment of recommended option packages, plus the formulation of the M&E plan.
2016	UK	Cardno Emerging Markets	Evaluation Expert	ReCAP Framework Contracts The ReCAP (Research for Community Access Partnership) is a DFID initiative, which promotes safe and sustainable transport for rural communities in Africa and Asia. Conducted evaluations of company and individual experts to undertake research projects under this framework contract.
2015 – 2016	Liberia	Roughtons International	Institutional & Capacity Development Expert	Capacity Development in the Transport Sector Conducted a detailed review of the current road safety conditions in Liberia, which focused on legislation and regulation, enforcement, education and awareness, construction zone and works environments, and associated institutional arrangements. A subsequent gap analysis was carried out, which was used to formulate a sustainable short-term action plan which focused on accident prevention.
2015	India	Roughtons International	Evaluation and Assessment Expert	Review of the Construction Industry in the State of Bihar A review was conducted of the capacity of the road construction industry in Bihar State, and its ability to implement an ambitious programme of infrastructure projects funded by the World Bank. The entire procurement and implementation system was reviewed, and recommendations were made for the development of capacity in the sector, and improvements to the current contractual processes, systems and responsibilities. A key component of this project was the implication of requirements for stricter compliance with occupational health legislation at works sites, and the on-going assessment and monitoring of safety.
2014	Cyprus	ALA Planning Partnership	Transport Planner	Ayia Napa Marina Development Major mixed-use development project centred on a new marina. Conducted an assessment of traffic, road safety, and risk, public transport and parking for the master plan, and produced a traffic impact study. Also, it had to be ensured that safe and secure development access was possible for all the development's users.
2013 - 2018	Vanuatu	Roughtons International	Transport Planner/Engineer	Port Vila Urban Development Project This ADB project comprised the design, procurement and construction supervision of 22km of urban road network upgrading with improved drainage, footpaths, street lighting, sludge collection, new disposal and sanitation facilities. Responsible for formulating the Greater Port Vila traffic & Pedestrian Management Plan, which involved extensive traffic surveys and analysis, the development of forecasts used to create a package of sustainable measures to improve traffic circulation (including junction improvements), road safety assessment and review, parking, public transport facilities, pedestrian and cycle schemes. Also developed an implementation programme and 10-year investment plan, and undertook extensive stakeholder and public consultation. Follow-on work included the formulation of school safety schemes, extensive road safety awareness-raising campaigns, vehicular and pedestrian signage plans, monitoring and traffic management during construction. In particular, construction traffic management plans were formulated for each stage of the works according to Australian standards, and were constantly monitored and updated according to the risk and safety assessments continuously undertaken, of both the general public (drivers and pedestrians), and construction workers.
2013	Liberia	Roughtons International	Transport	Upgrading of the Greenville to Zwedru Road

			Economist	Upgrading of a 200km gravel road to improve access between the Mining area of Zwedru and the port of Greenville. Undertook an economic appraisal using HDM-4 of the various upgrade options to produce 80km and 100km design speeds asphalt road alternatives
2013	Nigeria	Roughtons International	Transport Economist	Outline Business Case for the Assembly, Refurbishment, Modernisation of Locomotives in Nigeria Assessment of the current rolling stock and the cost-effectiveness of various upgrade and purchasing options. Conducted a review of the current economic conditions in Nigeria, particularly with regard to the freight transportation market (both road and rail). Undertook an economic appraisal of the various purchasing and upgrading scenarios possible for the locomotives in order to assist the decision-making for Nigerian Railways.
2012	Nigeria	Roughtons International	Transport Planner/ Economist	Lagos Cable Car Transit Feasibility Study Conducted a review of national economy and prepared an economic appraisal (based on the benefits of de-congestion) for this new public transport network in Lagos.
2011	Cyprus	ALA Planning Partnership	Transport Planner/Engineer	Larnaca Port & Marina Concession Major redevelopment project, which includes residential and leisure uses, a large-scale marina, a new passenger cruise terminal and a port. Developed options for road, traffic management, road safety, parking and public transport schemes for the masterplan. Conducted a traffic impact assessment of the development proposals. Other work included inputs to PPP bid in the form of method statements and forecasts.
2010 – 2013	Nigeria	Roughtons International	Transport Planner /Economist	Transaction Advisory Services for the modernisation of Onitsha – Enugu Road, the River Katsina Ala Bridge at Buruku, the River Benue Bridge at Ibi, the widening of the Lagos Airport Road, and the 2nd Niger Crossing (6 projects) As part of Government of Nigeria Privatisation programme, it intended to modernise and upgrade roads and construct new bridge infrastructure by Public Private Partnership (PPP) arrangement. The above projects are intended to produce documentation and advisory services to allow the PPP programme to proceed. Undertaking of conceptual designs, condition assessment, traffic studies, willingness to pay surveys, environmental appraisal, Legal due diligence, Traffic modelling, transport economic appraisal using HDM-4, financial modelling, risk assessment, production of various reports including outline Business case (OBC) and financial viability reports. Conducted a review of national economy and prepared separate economic appraisals (CBA) for each of the above items of infrastructure.
2010 – 2013	Cyprus	ALA Planning Partnership	Transportation Advisor	Nicosia Public Transport Enhancement Programme – Technical Support Three-year framework contract for expertise to assist with the implementation of public transport enhancement measures in Nicosia. Providing advice on procurement and feasibility of a potential tramway system, the formulation of an urban transport authority, the development, assessment and appraisal of a network of bus priority measures, and the production of Sustainable Transport Guidelines & Checklists for scheme assessment (which was centered on road safety of all road users).
2010	Nigeria	Roughtons International	Transport Planner /Economist	Shagamu – Benin – Asaba Dual Carriageway PPP PPP study culminating in the production of a ‘commercial viability report’. Conducted a review of national economy and prepared an economic appraisal (CBA) for this major east-west route in Nigeria.
2009 - 2010	Albania	Capita Symonds	Project Coordinator	Redesign of the Gjiorkaster to Tepelene Road The project involved the redesign of a problematic 1km section of mountain road with unstable ground conditions in Southern Albania. Project included detailed design of pavements, 2 bridges, an Environmental Impact Assessment and road safety audit. Responsible for the overall technical conduct of the study, including team management, reporting, client liaison, financial control, and quality assurance.
2009	Vanuatu	Capita Symonds	Project	Final (ex post) Evaluation of the PWD Maintenance Training Programme

			Coordinator	The project evaluated the local PWD's maintenance training programme funded by the EU, and considered its relevance, efficiency, effectiveness, impact and sustainability. Responsible for the conduct of the study, including technical advice, management of experts, reporting, client liaison, financial control, quality assurance and contractual matters.
2008 - 2009	Cyprus	ALA Planning Partnership	Transport Planner /Economist	Design of the Aluminium Tower Interchange in Nicosia Design and assessment of a grade-separated interchange in Nicosia. Conducted an economic appraisal of 3 alternative design options for this busy intersection in Nicosia
2008 - 2009	Kenya	Capita Symonds	Project Coordinator	Identification Mission for the Improvement of Rural Sugar Roads for the SRSP The study assessed all the infrastructure requirements to facilitate the increased use of a number of major sugar mills in Kenya. The project comprised both engineering feasibility and assessment of the roads and buildings (including the assessment of safety), plus an economic appraisal. Responsible for the technical conduct of the study, including technical advice, management of experts, reporting, client liaison, financial control, quality assurance and contractual matters.
2008	Grenada	Capita Symonds	Project Coordinator	Post – Emergency Schools Rehabilitation Mid-Term Evaluation This evaluation provided information to local officials of an independent assessment of the past performance of the programme, paying attention to: the impact of project actions against objectives, the identification key lessons, and proposals for practical recommendations for follow-up actions. The evaluation followed EU Project Management Cycle guidelines, by considering the 'relevance', 'efficiency', 'effectiveness', 'impact' and 'sustainability' of the project. Responsible for the conduct of the study, including technical advice, financial control, quality assurance and contractual matters.
2008	Cyprus	ALA Planning Partnership	Transport Planner/Engineer	Limassol Marina Concession Advised on the transport-related infrastructure requirements. Also, conducted traffic impact study of the development proposals (which included residential, retail, leisure as well as maritime uses), which involved the testing of junction capacities and the recommendation of mitigation and road safety.
2008	Sierra Leone	Capita Symonds	Project Coordinator	Final Evaluation of the Sierra Leone Roads Authority Support Programme The study assessed the various projects funded by the EU, considering their relevance, efficiency, effectiveness, impact and sustainability. Responsible for the conduct of the study, including technical advice, management of experts, reporting, client liaison, financial control, quality assurance and contractual matters.
2007	Cyprus	Capita Symonds	Local Advisor	Paphos to Polis Highway DBFO Project Technical audit and review on behalf of one of the bidding consortia. Conducted extensive risk assessment based on environmental and planning approvals and procedures, traffic and safety issues, health & safety matters, labour legislation and the ability of local resources to manage and implement the project.
2006 - 2007	Egypt	Capita Symonds	Project Coordinator	Logistics Study of Agricultural Exports from Egypt to the European Union The study identified and assessed the feasibility of various logistical supply chains and trade facilitation routes (comprising combinations of land transport, port facilities and shipping routes) for Egyptian agricultural exports to various EU nations, such as Spain, France, Italy and Greece. Responsible for the conduct of the study, including technical advice, management of experts, reporting, client liaison, financial control, quality assurance and contractual matters
2005 - 2006	Cyprus	ALA Planning Partnership	Transport Planner/Engineer	Nicosia Parking & Traffic Management Study Study to promote the economic development of the town centre by making the best use of road space, and promoting environmental improvements, sustainable travel and road safety. Responsible for the formulation and appraisal of a new parking policy and traffic management proposals for the central area of Nicosia. A number of scenarios and

				packages of measures were proposed, and comprised numerous components, including legislative changes, revised planning polices, enforcement measures, controlled parking zones, traffic and parking management areas, the definition of a 'priority route' network, adjusted tariff structures, hi-tech payment methods, road safety measures, and so forth. A comparative assessment framework was developed, to evaluate the costs and benefits associated with each scenario and option package
2004 - 2005	Ireland	Capita Symonds	Transport Planner/ Economist	M3 Clonee to Kells Motorway Involved in the formulation of traffic estimates and revenue forecasts resulting from the upgrading of this section of Ireland's motorway network. Responsible for the development and evaluation and sensitivity testing of various flow scenarios and key economic parameters.
2004	Portugal	Capita Symonds	Transport Planner/ Economist	Litoral Centro Concession Review of traffic and revenue forecasts this section of motorway between Lisbon and Oporto (in terms of scheme costs, benefits, revenue generation, economic parameters and conditions, etc).
2004 - 2005	Cyprus	ALA Planning Partnership	Transport Planner/ Engineer	Paphos Town Centre Transport Study Formulated a transportation plan to facilitate the revitalisation of the town centre and improve accessibility for all modes. Developed transport/parking/road safety schemes and action plans to facilitate the re-modelling of the town centre and also assessed its impact by testing junction capacities.
2004	Greece	Capita Symonds	Transport Planner/ Economist	Maliakos to Kleidi Motorway Due diligence study of regional traffic forecasts and the technical aspects of this section of Greece's national motorway network. Part of technical team advising a consortium interested to build and operate the motorway. Conducted a technical audit of all the traffic, planning and economic parameters.
2004	Greece	Capita Symonds	Transport Planner/ Economist	Thessaloniki Submerged Tunnel Due diligence study of the traffic forecasts of this major urban infrastructure scheme. Part of technical team advising a consortium wishing to build and operate the tunnel. Conducted a risk assessment and sensitivity testing of various scenarios.
2003 - Date	Cyprus	ALA Planning Partnership	Transport Planner/ Engineer	Various Development Projects Carried out traffic impact assessments and road safety reviews for various land-use developments all over Cyprus, including: retail superstores, shopping malls, government offices, sports-stadia, tourist complexes, golf resorts, and mixed-use developments. Specific projects include the new Omonia AC football stadium, IKEA, the Ministry of Defence Offices, the Mall of Engomi and the Aphrodite Hills golf resort. A variety of junction capacity testing software were used, including ARCADY, PICADY and TRANSYT.
2002 - 2003	Cyprus	ALA Planning Partnership	Transport Planner	EU 'SMAP' Projects Development of mobility and air quality plans and policies for the towns of Limassol and Larnaca. The study involved extensive survey and behavioural research work, to understand travel and parking patterns.
2002	UK	Park Royal Partnership	Project Manager	Park Royal Traffic Management Study Formulation of transportation plans and schemes to facilitate the regeneration of the area. Project management of a study developing a traffic management and parking schemes for economic regeneration of this Industrial Estate, by removing of rat-running traffic and facilitating improvements to bus services and delivery vehicles based in the area. Enhanced signalisation regimes and signal priority measures were proposed.
2001	UK	London Borough of Brent	Project Manager	Wembley Public Transport Interchange Project Development of proposals for 3 railway stations in the Wembley area. Developed proposals to improve interchange with other modes, enhance safety and security, improve information and enhance accessibility.
2000	UK	Park Royal Partnership	Project Manager	Park Royal Regeneration Strategy

				Assessment and appraisal of transportation component of regeneration strategy. Responsible for the formulation of traffic and development forecasts, the testing of infrastructure provision, using an existing SATURN transport model for the area. The economic assessment of the recommended schemes was conducted, using cost-benefit analysis (NPV's, IRR's, FYB, and so forth).
2000 - 2003	UK	London Borough of Brent	Transport/ Procurement Advisor	Advisor to the London Borough of Brent (Major Projects Team) Responsible for the project management, fund-bidding and tendering of transportation projects for this regeneration-focused team of the Transportation Unit of Brent Council. Specific projects include: Park Royal Bus Study, Willesden Junction Station Interchange Hub, West London Transport Strategy projects, Wembley Town Centre Revitalisation, Brent Borough-Wide Traffic Model, Park Royal Guided Bus Study, Brent Interim Transport Plan, the London Bus Initiative, Local Area and Borough Parking Strategy and the project/programme management of various Single Regeneration Budget and EU Objective 2 initiatives.
1997 - 2000	UK	London Borough of Brent	Transport/ Procurement Advisor	Technical Assistance and Advisor to the London Borough of Brent Technical assistance project covering all aspects of local authority transport functions. Involved in the management and commissioning of transportation projects for the client-side services of Brent Council. Specific projects include: the Redevelopment of the National Stadium at Wembley; Brent Road Traffic Reduction Strategy, Heathrow to St. Pancras Rail Link; Review of the Unitary Development Plan; general advice on policies & strategies, road safety, controlled parking zones, junction/signal design and pedestrian provision.
1992 - 1997	UK, Cyprus & Italy	Colin Buchanan & Partners	Principal Transport Planner/ Economist & Project Manager	<ul style="list-style-type: none"> ▪ Review of Lamaca Coastal Relief Road, Cyprus ▪ ATESINA Bus Company Transport Plan, Italy ▪ Upgrading of the Limassol to Nicosia Highway, Cyprus ▪ Paphos Transportation Study, Cyprus ▪ EU 'ROMANSE' Project, Southampton, UK ▪ Limassol Transportation Study, Cyprus ▪ Traffic Director for London Technical Assistance, UK ▪ South & West London Bus Priority Demonstration Project, UK ▪ Oxford Transportation Study, UK ▪ Lamaca Transportation Study, Cyprus
1986 - 1992	UK & Indonesia	Travers Morgan	Transport Planner/Engineer	<ul style="list-style-type: none"> ▪ Mersey Barrage Toll Road Crossing, UK ▪ Shoreham Traffic Study, UK ▪ Liverpool Pierhead Master Plan, UK ▪ Coastal Clwyd Transportation Study, UK ▪ Wylfa & Trawsfynydd Power Station Development Traffic Studies, UK ▪ Jakarta Harbour Toll Road, Indonesia ▪ Surabaya to Gresik Toll Road, Indonesia ▪ Second Severn Crossing, UK ▪ A6 High Lane and Disley Bypass, UK
1986	UK	Brian Colquhoun & Partners	Graduate Planner (Transport)	<ul style="list-style-type: none"> ▪ A64 York – Scarborough Route Assessment, UK ▪ Barking Town Centre Traffic Study, UK

8. Other relevant information - Courses Attended

‘Public Transport in Developing Countries’, Institute of Transport Studies, University of Leeds, UK, 8 – 10 April 2008.

‘Planning, Pavement Design and Overloading Prevention Workshop’, Institute of Technology of Cambodia, 11 - 12 November 2004.

‘Transport Investment Analysis’, Institute of Transport Studies, University of Leeds, UK, 24 – 26 October 2001.

‘Roads and Transport in Developing Countries and Emerging Nations’, Transport Research Laboratory, Crowthorne, Berks, UK, 3 – 14 July 2000.

‘Highway Design and Maintenance, Using the World Bank HDM Model’, PTRC, London, UK, 16 – 20 June 1997.