

**EUROPEAN
CURRICULUM
VITAE
FORMAT**



**PERSONAL
INFORMATION:**

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Fax **+351 / 21 847 4650 / 21 350 4401**
Nationality **Portuguese**
Date and Place of Birth **24th October 1959, Lisboa**

WORK EXPERIENCE

Main positions

- 2017** Editorial Board Member of Journal of Mega Infrastructure Projects and Sustainable Development published by Routledge
- 2016/...** Editorial Board Member of the Journal of Transportation and Health published by Elsevier
- 2016 / ...** Coordinator of the Industry – University collaboration agreement between THALES Group and IST
- 2016/...** Representative of the Council of Rectors of Portuguese Universities in the Advisory Board of Lisbon Airport, ANA.
- 2015/...** Vice-President of CERIS – Civil Engineering Institute for Research and Innovation for Sustainability, at Instituto Superior Técnico, Universidade de Lisboa.
- 2015/...** President of CESUR – Research Center for Urban and Regional Systems, at Instituto Superior Técnico, Universidade de Lisboa
- 2015/...** Senior Lecturer of Air Transport and Research Methodologies, at department of Transport and Regional Development of the Faculty of Applied Economics at the University of Antwerp, Belgium
- 2014/...** Associate Professor (with Habilitation, DSc) of Transport Systems and Infrastructures - Department of Civil Engineering, Architecture and Georesources of Instituto Superior Técnico, Universidade de Lisboa
- 2013/...** Chair of Distance Learning Sub-Committee in the Steering Committee of the WCTRS – World Conference for Transportation Research Society

- 2013/...** Chair of International Relations Sub-Committee in the Steering Committee, of the WCTRS – World Conference for Transportation Research Society
- 2013/...** Member of the Scientific and Steering Committee, of the WCTRS – World Conference for Transportation Research Society
- 2013/...** Board Member of TRANSPOR, a Fund for the Development of Advanced Education and Research on Transport Systems in Portugal, endowed by 8 companies in the transport sector;
- 2013/...** Editorial Board Member of the Scientific Journal “Proceedings of the Institution of Mechanical Engineers Part F: Journal of Rail and Rapid Transport” published by SAGE.
- 2012/...** Editorial Board Member of the Scientific Journal “Journal of Air Transport Management” published by Elsevier
- 2012/...** Editor-in-Chief of the Scientific Journal “Case Studies on Transport Policy”, published by Elsevier
- 2012/...** Chair of the Accreditation Committee of TRANSPORTNET, Network of leading University Groups involved in Transport Research and high-level Education (Univ. Aegean; Univ. Antwerp; Tech. Univ. Delft; Univ. Genoa; IWW – Un. Karlsruhe; ENAC – EPF Lausanne; I.S.Técnico, Lisboa; LET – Un. Lyon 2)
- 2011/...** Director of the Master in Transportation Planning and Operations at Instituto Superior Técnico, Lisbon Technical University
- 2011/ 2015** Member of the Executive Board of Directors of the Center of Excellence “Bus Rapid Transit Across Latitudes and Cultures”, sponsored by VREF, with head office in Santiago do Chile and delegations in Boston, Washington, Sydney and Lisbon.
- 2011 / 2015** Member of Council of the AET Association of European Transport
- 2010/2013** Member of the Scientific Council of the following courses: Phd in Transportation (MIT-Portugal Program) and MSc in Complex Transport Infrastructure Systems (MIT Portugal Program) and MSc in Urban Planning and Land Use Management
- 2010/ 2013** Vice President of the Scientific Committee of the WCTRS – World Conference for Transportation Research Society
- 2009/2011** Member of the Scientific Committee of the BNP Paribas Fortis Chair on Transport, Logistics and Ports, at the University of Antwerp
- 2011/...** Member of the Scientific Council of APDR – Portuguese Association for Regional Development
- 2009/2011** Deputy Chair of the Council of the AET Association of European Transport
- 2007/2010** Member of the Steering and Scientific Committee of the WCTRS – World Conference for Transportation Research Society, responsible for Marketing and Membership
- 2008/2010** Member of the Board of Directors of ADFER (Association for Development of Rail Transport), responsible for publications;
- 2011/2013** Assistant Professor of Transportation with Habilitation - Department of Civil Engineering, Architecture and Georesources of Instituto Superior Técnico, Lisbon Technical University

2005/2011	Assistant Professor of Transportation - Department of Civil Engineering, Architecture and Georesources of Instituto Superior Técnico, Lisbon Technical University
2005/...	Board Member and President of the Shareholders Assembly of TIS.PT – Consultores em Transportes, Inovação e Sistemas, S.A., Lisbon, Portugal
2005	Director of Development at TIS.PT – Consultores em Transportes, Inovação e Sistemas, S.A., Lisbon, Portugal
2005	Chair of the 9 th International Conference on Competition and Ownership in Land Passenger Transport (Thredbo Series)
2004/ 2011	Founder (2004), President (2005-2007), Vice-President (2007-2011) of the international Association “ELITE – European Logistics, Infrastructure and Transport Expertise Network”
2003/2005	Lecturer at the Section of Town Planning, Transport, Transport Infrastructures and Systems of the Department of Civil Engineer and Architecture of Instituto Superior Técnico, Technical University of Lisbon
2002/2007	Director of the branch “Management and Operation of Transport Systems” at the Masters Course on Transportation of the Department of Civil Engineer and Architecture of Instituto Superior Técnico, Technical University of Lisbon
2002/2004	Managing Director of TIS.PT – Consultores em Transportes, Inovação e Sistemas, S.A., Lisbon, Portugal
2003/...	Scientific and Management Committee of TRANSPORTNET, Network of leading University Groups involved in Transport Research and high-level Education (Univ. Aegean; Univ. Antwerp; Tech. Univ. Delft; Univ. Genoa; IWW – Un. Karlsruhe; ENAC – EPF Lausanne; I.S.Técnico, Lisboa; LET – Un. Lyon 2)
2002/2003	Invited Assistant Professor of the Department of Civil Engineering, Section of Geotechnics, Highways and Transportation of Instituto Superior Técnico, Technical University of Lisbon
2001/...	Member of the Steering and Scientific Committee of the International Conferences on Competition and Ownership in Land Passenger Transport (THREDO series)
2000/2005	Member of the Board of Directors of TIS.PT – Consultores em Transportes, Inovação e Sistemas, S.A., Lisbon, Portugal
1998/2002	Member of the Fiscal Council of TRANS-POR, a fund for the development of Advanced Education and Research on Transport Systems in Portugal, endowed by 8 companies in the transport sector;
1998/ ...	Researcher of CESUR (Centre for Urban and Regional Systems of the Technical University of Lisbon);
1998/2005	Founder and Director of the Department of Transport Policy and Systems of TIS.PT – Consultores em Transportes, Inovação e Sistemas, S.A., Lisbon, Portugal
1998/ 2002	Responsible for the discipline “Quality in Transport Systems” at the Masters Course on Transportation of the Department of Civil Engineer and Architecture of Instituto Superior Técnico, Technical University of Lisbon
1995/1998	Transportation Economist at TIS - Transportes, Inovação e Sistemas, a.c.e, Lisbon, Portugal, responsible for execution, organisation and management of the European projects
1982/1997	

	Flight Operations Officer and Duty Station Manager, responsible for the planning and operational coordination of flights at VIASA – Venezuelana Internacional de Aviación with permanent position at the Airports of Lisbon and Oporto and occasionally in Paris (Orly Airport) and Frankfurt Airport
1979/1981	Handling Services Supervisor, at VIASA -Venezuelan International Airline, Lisbon Airport, Portugal
1977/1979	Passenger Services Supervisor, at VIASA -Venezuelan International Airline, Lisbon Airport, Portugal
SELECTED PROFESSIONAL EXPERIENCE	
2017	Consultant for OCDE, for Transport Decentralization in Ukraine.
2015/....	Co- author of EU “Guidelines for Urban Logistics” produced for DG Move.
2013/...	Advisor of the European Commission for the 'Smart, Green and Integrated Transport' Advisory Group for Horizon 2020 - The Framework Program for Research and Innovation.
2012/2013	Evaluator of European Commission RTD 7FP program Smart Cities
2012/2013	Consultant for World Bank IEG (Independent Evaluation Group) for Evaluation of the World Bank Group Support for Public Private Partnerships in Transport , Energy and Education for the period 2002-2012
2012/2013	External Advisor for the IEG Evaluation: Sustainable Provision of Infrastructure Services, and the World Group [An Evaluation of World Bank Group Support since 2002]
2011-2013	Consultant for the Asian Development Bank, for the production of Road Maps for urban development in Kazakhstan and Uzbekistan
2007-2012	Main author of three strategic documents for the European Parliament on “The Security of Air Cargo from Third countries” (2012) ; “Impact of the Financial Crisis in Air Transport Market, for the European Parliament” (2009); “The impact of low-cost airline strategies on infrastructure and passenger flows” (2007).
2011	Coordinator of the studies for “Urban Mobility Road Maps for Kazakhstan and Uzbekistan”, for the Asean Development Bank
2010	Vice-Chair of the 12th World Conference on Transportation Research, Lisbon, July 2010
2010	Chair of the 16th Panamerican Congress on Transport, Transit and Logistics, Lisbon, July 2010
2010	Leader of the project “AIRDEV – Business Models for Airport Development and Management” for MIT Portugal Program.
2008/2010	Co-leader of the project “AirNets – Airlines and Airport Networks” for MIT Portugal Program
2009-2010	Responsible for the development of the National Transport Accounts for the Road Sector

2009-2010	Co-Leader of the Logistic Plan for Portugal , done for the Land Transport Regulator (IMTT)
2009	Study on compliance with air passenger rights – misleading advertising on the websites of airlines and on-line travel agents – General Directorate of Health and consumers – European Commission (DGSANCO-EC)
2009	Leader of the Strategic Plan for Land Transport in Portugal , done for the Land Transport Regulator (IMTT)
2005	Chair of the 9th International Conference on Competition and Ownership in Land Passenger Transport, Lisbon, September 2005
2005	Member of the strategic reflexion group of UITP to the development of Public Transport in Latin America to the 20s0 horizon
2004	Study for the Development of Rail Freight Transport in Portugal, for the Rail Regulator INTF
2003-2007	Responsible for the design of the reform of urban mobility systems in Brazil and for the technical contents of the framework law on urban mobility, technical advisor for the public participation process that led to the approval of the law in the Council of Cities
2002	Responsible for the discussion of the reform in Urban Mobility Systems in the Irish Transport Forum
2003-2010	Project Director in a total of 19 R&D projects for the European Commission in the 5th and 6th and 7 th Framework programs (Transport and Research), on Public Transport Regulation, Institutional Design, Organisation and Change, Contractual Relationships, Intermodality and Energy in Public Transport
2002	Assisted the creation of TRANSPORTNET, a group of 8 European University Research Groups in Transport Systems for mutual support in advanced research and education (Univ. Aegean; Univ. Antwerp; Tech. Univ. Delft; Univ. Genoa; IWW – Un. Karlsruhe; ENAC – EPF Lausanne; I.S.Técnico, Lisboa; LET – Un. Lyon 2)
2001-2003	Assisted SATA Airlines Board in the public tender for Air Transport, between Continental Portugal and Azores
2001	Responsible for the Macau Airport and Air Traffic System Quality Certification ISO 2001. This was the first Airport Quality Certification done worldwide under the framework of ISO2001.
2000-2014	Participant of the ECMT Round Tables on Airports as Multimodal Interfaces; Safety in Public Transports; Regulation of Rail Transports; Decentralisation of Transport Policies, Public Private Partnerships, Ex-ante appraisal of Transport Investments.
2000/...	Regularly invited for participation in high level meetings on strategy and policy for EC-DGTREN (European Commission, Directorate General for Transport and Energy), EC- DG Research and several other international organizations and agencies
1995-2008	Quality Auditor for Transport Systems, having audited a total of 22 companies (three audits each).
1995-2003	Executive Director in a total of 8 R&D projects for the European Commission in the 4th, 5th and 6th Framework programs (Transport), on Public Transport regulation, on Prices and their Acceptability in Transport Systems, on new models for management of Railways after

separation of infrastructure and operations, on Motorway charges for Heavy Goods Vehicles in Europe

1989 Opening and development of the Oporto delegation of VIASA- Venezuelana Internacional de Aviación S.A.

1995/ ... Supervisor of several professional trainees in research and consultancy both in professional and academic environment.

1995 / ... Director of several national and international research and consultancy studies (detailed list in annex)

1995/.... Author of several referred publications (most relevant publication list in annex)

1994-1996 Leader of the negotiation of the labour contract common to 18 International Air Transport Companies operating in Portugal

**LIST OF MAIN 41
PROJECTS CARRIED OUT
AS GLOBAL PROJECT
DIRECTOR**

TRANSPORT POLICY AND STRATEGIC DEVELOPMENT OF TRANSPORT SYSTEMS

2015 Guidelines for implementation of urban mobility reforms; flexible transport and door to door services in Portugal as follow up of regulatory reform.

2013/2014 Design and Organization of Portuguese Regulatory Agency for Mobility and Transport formally established to by Decree nr 78/2014, 14 May.

2013/2014 Concession model for public transport in Portuguese metropolitan areas of Lisbon and Oporto, for IMT / Secretary of Transport and Public Works, Minister of Economy, Portugal

2013 Definition of public service policy and its operationalization for mobility in metropolitan areas, urban and rural areas in Portugal

2011/2012 Organization of Urban Freight Distribution in Down Town Lisbon, Municipality of Lisbon, Portugal

2012/2013 Leader, The security issue in the air cargo sector, including freight from third countries and express delivery services, European Parliament, Commission of Tourism and Transport

2011/2015 Leader, "Exploring the complexity of policy design (LS2)" in the Center of Excellence BRT-ALC Bus Rapid Transit-Across Latitudes and Cultures, Financed by the VREF Volvo Research and Education Fund.

2010/2011 Leader, "TUNRAIL - TUNing Transatlantic Cooperation in Rail Higher Education", ATLANTIS Program (USA-EU)

2010 /2011 Leader, "TURBLOG – Transferability of urban logistics concepts and practices", 6th RTD program European Commission

2009/2013	Leader, AIRDEV – Business Models for Airport Development and Management (program MIT-Portugal)
2007	Leader, Application of RFDIS technology to containers monitoring in intermodal chains s (Contract with private Logistic Operator Grupo Luis Simões)
2007	Leader, Application of RFDIS to transport systems through VIA VERDE, user control system. (Contract with BRISA)
2008/2010	Leader, “ENACT- Design Appropriate Contractual Relationships (PPP’s), 6 th RTD program European Commission
2007/2009	Leader, “TOOLQIT - Tools for the assessment of level and quality of service across different transport market segments” 6 th RTD program European Commission
2005/2008	Leader, “ELOFRET - Elements for the optimization of intermodal freight chains, for National Science Foundation
2005/2007	Leader, “ESTRADA – Estimation of real cost and benefits for the valorization of transport investment”, for National Science Foundation.
2005/2007	Leader, “LOGURB - Optimization of logistic systems for the urban distribution of goods” for National Science Foundation
2003/2005	Leader, “BEACON – Building Environmental Assessment Consensus” 5 th RTD program European Commission
2003/2005	Development of studies and framework law for urban mobility in Brasil, covering 27 States, for the Ministry of Cities
2001/2004	Co-leader, “ VOYAGER – Thematic Network on Urban Public Transport” , , 5th RTD program European Commission
2000/2003	Executive Director, "DESIRE - Designs for Interurban road pricing schemes in Europe", 5th RTD - Transport Programme EC DGTREN;
2000/2003	Executive Director, “IMPROVERAIL – Improved Tools for Railway Capacity and Access Management”, 5th RTD - Transport Programme EC DGTREN;
2000/2003	Leader, “MARETOPE - Managing and Assessing Regulatory Evolution in local public Transport Operations in Europe”, 5th RTD - Transport Programme EC DGTREN;
2001	Leader, “TAXUD - Vehicle Taxation Study”, EC, DG Taxation;
1997/2000	Executive Director, “FISCUS – Cost evaluation and financing schemes for urban transport”, EC –DGVII;
1999/2000	Executive Director, “PATS – Pricing acceptability in the transport sector”, 4th RTD - Transport Programme, EC – DGVII;
2000/2004	Executive Director, ” CUPID - Co-ordinating Urban Pricing Integrated Demonstrations“, 5th RTD - Transport Programme EC DGTREN;

1996/1997	Executive Director, "ISOTOPE – Improved Structure and Organisation for Urban Transport Operations of Passengers in Europe", EC-DGVII;
	TRANSPORT SYSTEM PLANNING AND OPERATIONS
2014/2015	Shipperline – performance monitoring for intermodal freight transport operations, MAEIL, Nacional reference framework for development, Portugal
2013	Road Map for Portuguese airports to update and comply with technological requirements of SESAR (Single European Sky ATM Research)
2013/...	Conception and development an airship vehicle (and respective prototypes) for urban logistics (Project developed in partnership between IST and UBI, with submission of patent for invention. Team of inventors led by Prof Rosário Macário. Patent pending nr Portuguese Official Office of Patents)
2010/2012	Executive Director, "HERMES High Efficient and Reliable arrangements for Crossmodal Transport", 7th RTD Programme, European Commission, DG Move
2002/2004	Leader, BESTRANS - Benchmarking of Energy and Emission Performance in Urban Public Transport Operations, programa SAVE Comissão Europeia, DGTREN
2001/2004	Executive Director, "IMPROVERAIL – Improved Tools for Railway Infrastructure Capacity and Access Management", 5º Programa Quadro de I&D - Transportes, Comissão Europeia, DGTREN
2000/2002	Leader, RUBENS - RUE (Rational use of energy) best practice guide for urban public transport in European cities", programa SAVE Comissão Europeia, DGTREN
2000	Leader, "Study of the Economic and Social Impacts of the Lisbon Airport for ANA", S.A;
1998 (and three following tenders)	Advise to SATA Board of Directors (Regional Airline of Azores) for the preparation of the bid for the tender regarding regular services from the Portuguese mainland to the Azores;
1997/1998	Leader, "Restructuring of air transport network in Azores and optimisation of crews and fleets management", SATA, Azores Airline;
	TRAINING, EDUCATION AND RESEARCH METHODS
2014	Capacitation course on "Project Management and Leadership of Research Teams" for ITF, International Transport Forum – OECD
2011/2013	Leader, "EDUCAIR - Assessing the EDUCational Gaps in Aeronautics and AIR Transport", 7º Programa Quadro de I&D, DG Aeronautics, Comissão Europeia (2011-2013)
2010/2015	Leader, "Assessment of needs in Training and Educational Gaps (E1)", in the Center of Excellence BRT-ALC Bus Rapid Transit-Across Latitudes and Cultures, Financed by the VREF Volvo Research and Education Fund.

**LIST OF MORE RELEVANT
PROJECTS CARRIED OUT
AS CO-DIRECTOR**

2009/2010 Leader, TUNRAIL - Transatlantic Cooperation in Rail Higher Education EU-US ATLANTIS PROGRAMME COOPERATION IN HIGHER EDUCATION AND VOCATIONAL TRAINING

TRANSPORT POLICY AND STRATEGIC DEVELOPMENT OF TRANSPORT SYSTEMS

2017 Guidelines for Transport Decentralisation in Ukraine, OCDE Regional Development Policy Division

2016/ ... Strategic Plan for the Port of Leixões, Portugal

2015/... SusCity: Urban data driven models for creative and resourceful urban transitions, 2013 Call for Test---bed Proposals under the MIT Portugal Program.

2015 Strategic Plan for the Port of Sines, Portugal

2015 Innovation in Port Infrastructure, research project for BNP Paribas

2014/... Co-Leader of the study for the Preparation of EU guidelines for urban logistics, EC DG MOVE – 2014/370

2014/... Co-leader of BENEFIT – Business Models for Enhancing Funding and Enabling Financing of infrastructure in Europe

2012/2014 Co-leader, Public Private Partnerships: Theory and Practice (COST TU1001), European Commission, COST office.

2011/2014 Co-leader, STRAIGHTSOL - STRATegies and measures for smarter urban freIGHT SOLutions, 7th Framework Program, European Commission

2011/2012 Co-leader, RoadMaps for Strategic Development of Kazakhstan and Uzbekistan, for Asean Development Bank

2010/2011 Co-Leader, "SKILLRAIL – Education and Training Actions for high skilled job opportunities in the railway sector". 7th RTD program European Commission

2009/2010 Partner, "FUTURAIL - Job opportunities for the railway community of tomorrow", 7th RTD program European Commission

2008/2011 Co-leader, "AIRNETS – Airlines and Airport Networks" for MIT Portugal Program

2008/2011 Co-Leader, "SOTUR Strategic Options for Integrating Transportation Innovations and Urban Revitalization" " for MIT Portugal Program

2008/ 2011 Partner, "SCUSSE Smart Combination of passenger transport modes and services in Urban areas for maximum System Sustainability and Efficiency" for MIT Portugal Program

2007/2011 Partner, "RAILENERGY - Innovative Integrated Energy Efficiency Solutions for Railway Rolling Stock, Rail Infrastructure and Train Operation", 6th RTD program, European Commission

2004/2007	Partner, "EURNEX – European Rail research Network of Excellence, 6 th RTD, European Commission
2003/2006	Co-leader, "STEPS - Scenarios for the Transport System and Energy Supply and their Potential Effects", 6 ^o RTD program European Commission
2003/2005	Partner, " EXTRA@WEB -Development of a Web Based Transport RTD Knowledge Centre, ", 5th RTD program European Commission
2002/2004	Co-leader, "PROVIDER Implementation European on line services for mobility education to save energy", RTD program European Commission
2003/2005	Co-leader, "REVENUE - Use of revenues from transport pricing, ", 5 ^o RTD program European Commission
2003/2005	Co-leader , "PLUME – Planning and Urban Mobility in Europe", 5 ^o RTD program European Commission
2002/2004	Co-leader , "REALISE – Regional Action for Logistical Integration of Shipping across Europe", 5 ^o RTD program European Commission
2002/2003	Partner, "CO-ACT - Creating Viable Concepts for Combined Air/Rail Cargo Transport", 5 ^o RTD program European Commission
2002/2006	Co-leader, "METEOR -Monitoring and Evaluation of Transport and Energy Oriented Radical Strategies for clean urban transport", 5 ^o RTD program European Commission
2001/2003	Partner, "ASTRAL – Achieving Sustainability in Transport and Land-use", Programme City of Tomorrow – Comissão Europeia
2000/2004	Co-leader, "TRANSPLUS - Transport Planning, land use and sustainability", 5 ^o RTD program European Commission
2000/2004	Co-leader, "UNITE-UNification of accounts and marginal costs for Transport Efficiency", 5 ^o RTD program European Commission
2000/2002	Co-Leader , "SULOGTRA - Supply Chain Management logistics and their effects on transport", ", 5 ^o RTD program European Commission
2000/2002	Co-leader, "PRISMATICA - Pro-active Integrated Systems for Security Management by Technological, Institutional and Communication Assistance", 5th RTD program European Commission
2001/2004	Co-leader, " VOYAGER – Thematic Network on Urban Public Transport", ", 5th RTD program European Commission
2000/2003	Co-leader " CUPID - Co-ordinating Urban Pricing Integrated Demonstrations", ", 5th RTD program European Commission
2000 / 2003	Partner in "TEST - Technologies for European Surveys of Travel Behaviour, ", 4th RTD program European Commission
2002	Partner, PROTRANS – The Role of Third Party Logistics Service Providers and their Impact on Transport, ", 5th RTD program European Commission
2002/2004	Partner, "STELLA – Sustainable Transport in Europe and Links and Liasons with America, ", 5th RTD program European Commission

2000/2002	Invited expert in "TRANSTALK - Thematic Network on Policy and Project Evaluation Methodologies ", 5th RTD - European Commission
2000/2002	Co-leader, "TAPESTRY – "Travel awareness publicity and education supporting a sustainable transport strategy ", 5th RTD - European Commission
2000/2002	Partner, "MOTIF – Market Oriented Transport in Focus" , 4th RTD program European Commission
2000/2001	Partner, "SORT-IT - Strategic Organisation and Regulation in Transport – Interurban Travel, Case Study Portugal and Spain ", 4th RTD program European Commission
2000/2002	Partner, "MEST - Methods for European Surveys of Travel Behaviour" , 4th RTD program European Commission
1998/2000	Partner, "SCENES- European Transport Scenarios", 4th RTD program European Commission
1997/1999	Partner, "CATRIV - Conception analysis for transportation on rivers", , 4th RTD program European Commission
1998/2000	Co-leader, "HERITAGE – Historic environment for integrated telematics application programs in Europe" , , 4th RTD program European Commission
1996/1998	Subcontracted, PETS - Pricing European Transport System, Caso de estudo: Travessia do Tejo , 4th RTD program European Commission
2000/2004	Co-Director Executive Director, " CUPID - Co-ordinating Urban Pricing Integrated Demonstrations", 5th RTD - Transport Programme EC DGTREN;
2000	Invited expert in Project "TRANSTALK - Thematic Network on Policy and Project Evaluation Methodologies ", 5th RTD – Transport Programme EC DGTREN;
1998/1999	Co-Director , "Strategic and Restructuring plan , BUS Company of Porto", STCP;
1996/1998	Partner, "PETS - Pricing European Transport System", 4th RTD - Transport Programme, EC - DGVII;
1996	Partner "SCENARIOS – Scenarios on External developments affecting European transport", EC – DGVII;
1997/1998	Co-leader, "Examination of Community law relating to the public service obligations and contracts in the field of inland passenger transport", EC-DGVII;
TRANSPORT SYSTEMS PLANNING AND OPERATION	
2016/ ...	Funding and Financing solutions through Value Capture: Concept, Implementation
2014/....	Co-Leader, "DAISY - Impact Analysis and Cost Benefit Analysis of Countermeasures on Airport infrastructure", DG HOME/2013/CIPS/AG/4000005001

- 2013/.... Co-Leader, "PRO E-Bike, Promoting electrical bicycles and scooters for delivery of goods and passengers in urban areas", Intelligent Energy Europe, European Commission
- 2013/... Production of the Urban Logistics matrix for the S.Paulo City, Brazil
- 1999 Partner, "Study of the impacts of introducing light rail in the urban transport system of Fortaleza/Brazil" – Metrofor"
- 1998/1999 Partner, "SOFTTRIP – Soft quality features in the area of public transport, project for the Hamburger Verkehrsverbund", together with TRANSTEC, Germany;
- 1998 (and three following tenders) Advise to SATA Board of Directors (Regional Airline of Azores) for the preparation of the bid for the tender regarding regular services from the Portuguese mainland to the Azores;
- 1997 Partner, "Transport demand of modes not covered by international transport statistics", study by the UITP for the European Commission;
- 1996/1998 Co-Director, QUATTRO - Quality Approach in Tendering/Contracting Urban Public Transport Operations, 4th RTD - Transport Programme, EC - DGVII;
- 1996/1998 Partner, "MEST - Methods for European Surveys of Travel Behaviour", EC-DGVII;

TRAINING EDUCATION AND RESEARCH METHODS

- 2014 Co-leader of capacitation program for the Mozambique Railways
- 2011/2012 Co-Leader, "PACTS Policy Analysis for Complex Transport Systems EU-US ATLANTIS PROGRAMME COOPERATION IN HIGHER EDUCATION AND VOCATIONAL TRAINING
- 2011 Partner, "Assessment of Training Needs in the Area of Infrastructure, among Brazilian Federal Civil Servants" (United Nations)

EDUCATION AND TRAINING

- 2011 Habilitation (DSc, Doctor of Science) in Civil Engineering at Instituto Superior Técnico (IST), Technical University of Lisbon, July, Portugal
- 2005 PhD in Transportation Systems at Instituto Superior Técnico (IST), Technical University of Lisbon, November, Portugal
- 1995 Master Degree in Transportation at Instituto Superior Técnico (IST), Technical University of Lisbon, February, Portugal
- 1987 Graduation in Business Economics and Management in Instituto Superior de Ciências do Trabalho e da Empresa (ISCTE), July, Lisbon, Portugal
- 1987 Chartered Economist (by the Order of Economists, Portugal), July.

ACADEMIC ACTIVITY

Academic Awards

2010 **Education Innovation Award - MIT Portugal**
“Award for outstanding contribution to innovative teaching and for providing inspiration to students and colleagues”
<http://www.mitportugal.org/latest/2010-education-innovation-awards.html>

1992 **Award “Aníbal Cavaco Silva”**
Awarded by the Lisbon Technical University for the research work "Critical analysis of airport taxes"

PATENTS

2017 Co-inventor of multipurpose chair for reduced mobility people in air transport (submitted to the Portuguese patent office)

2015-2016 Coordinated the team for an invention concerning a multifunctional air transport system made by a manoeuvrable modular hybrid airship, and a berthing tower, and the related mooring mechanism. (Registered pending patent in Portuguese and European Patent Offices)

Academic Supervisions

Since 2005/....

PhD Supervisions on the following topics (at IST Lisbon, Universidade Nova, FEUP and University of Antwerp):

1. *“Strategies and instruments for the development of air cargo” (Finished 2011 by Vasco Reis, Portuguese);*
2. *Modelling the Vulnerability of Complex Transport Network Systems: An Application to Natural Risks in Urban Environment” (Finished 2012, by Gonçalo Caiado, Portuguese);*
3. *“Strategies for transition of the transport sector to the hydrogen economy through technology transfer” (Finished 2013, by Ayfer Veziroglu, Turkish);*
4. *“Strategic Evaluation of Multimodal Networks in Urban Mobility Systems: Conciliation of the User and Service Provider Perspectives” (Finished 2016 by Camila Garcia, Brazilian);*
5. *“Institutional Design as a Performance Factor in Urban Mobility Systems” [Finished 2016, Student Maria Spandou, Greek]*
6. *"Rail Industry Supply Chain Technology Assessment" (co-supervisor at Universidade Nova, student is hosted during 2 years at Tonji University) [Finished 2017, Student: Susana Moretto, Portuguese]*
7. *“Defining integrated policies to reduce road congestion based on shared responsibility between land-use and mobility” [Finished 2017, student: Paulo Martins (Professor at Polytechnic School of Engineering), Portuguese]*
8. *“Influence of Funding and Financing sources in the Transport Investment decisions” (Finished 2017, Student: Matheus Oliveira, Brazilian)*
9. *“Regulatory model for public-private partnerships in the Portuguese Road Sector” (University of Antwerp), [student Miguel Carmona, Portuguese]*

10. *“Impacts of Ageing in Performance of Public Transport (at FEUP) [student Teresa Santos, Portuguese]*
11. *“Impacts of Mobility in Quality of Life of Elderly citizens”[student: Bruno Aguiar, Portuguese]*
12. *“Transit maps and travel choices: the influence of the design of transit maps on passenger mode and route choices towards better integration of BRT in mobility systems” [student: Bernardo Garcia, Brazilian]*
13. *“Implementation and evaluation of compensatory security measures applied to airports of small and medium dimension” (PhD hosted by the Airport of Ponta Delgada, Azores) [student: Duarte Cunha, Portuguese]*
14. *“Responsibility and accountability between generations as appraisal and evaluation criteria for transport investment” [student Joana Costa, Portuguese]*
15. *“Accessibility limitation in the airport-aircraft interface” [PhD Student: Sara Zorro, Portuguese]*
16. *“A Decision Support Tool for Flexible Airport Passenger Terminals” [student: Liliana Magalhães, Portuguese] (co-supervisor)*
17. *“The role of residual value in contractual models for transport infrastructure”, [PhD student Luis Miguel Reis Silva.]*
18. *“Collaborative public transport systems: Case of Tagus Park”, [PhD Student Pedro Antunes] (co-supervisor)*
19. *“Flexible airport capacity and fleet composition”, [PhD Student Sera Cavuoglu, Turkish]*

Since 2002/...

More than 100 supervisions of MSc Dissertations on several transportation topics.

Since 2005/ ...

Participation in Academic Juris in several universities, namely:
 University of Antwerp (Belgium) , Lyon Lumiere II (France), MIT (USA) , Rio de Janeiro Federal University (Brasil), Fortaleza Ceará Federal University (Brasil), NWO (Netherlands), IIT Guwahati (India), Perth University (Australia)
 In Portugal IST, Univ Aveiro, Univ Porto, Univ Beira Interior (Portugal) ,

**Courses
 Since 1998 /--**

Courses lectured with responsibility of overall coordination (all in Portuguese and English)

1. Information and Management (MSc Level),
2. Management of Transport Infrastructure (MSc Level);
3. Quality in Transport Systems (MSc level);
4. Quality in Construction and Services (MSc level)
5. Public Transport (MSc Level);
6. Urban Logistics (MSc Level);
7. Transport Policy and Financing (MSc Level);
8. Integration of Transport in Logistics (MSc Level) ;

9. Exploitation of Infrastructure and Transport Systems (MSc Level)
10. Urban Mobility Management (MSc level)
11. Freight Transport and Logistic Processes (MSc level);
12. Transport (MSc Level, and Graduation in Civil Engineering)
13. Transport Production and Physical Distribution (MSc level);
14. Transport Economics (MSc level);
15. Air and Maritime Transport (MSc level);
16. Intelligent Transport Systems (MSc level) ;
17. How to develop and deliver a MSc dissertation (MSc level open to all Engineering Courses)
18. Public Transport (MSc of the University of Essen);
19. MSc course in Airport Management for Peruvian University Alas Peruanas (Airport Infrastructure and Airport Operations) in Distance Learning
20. Transport Economics and Project Evaluation (MSc level, MIT Portugal);
21. Structured Financing of Transport Projects (MSc level, MIT Portugal) ;
22. Transport Policy and Institutions (PhD level, MIT Portugal) ;
23. Research Methodologies in Natural and Social Sciences (PhD level, MIT Portugal);
24. Business Models and Contracts (PhD Level, MIT Portugal).
25. Air Transport Pricing Strategies (PhD Level, University of Antwerp)
26. PhD courses for TRANSPORTNET network (Urban Mobility, Policy Analysis for Decision Makers, Freight Distribution and Research Methodologies) ;
27. PhD Courses for C-MAT (University of Antwerp), Research Methodologies and Air Transport Pricing Strategies

**INTERNATIONAL
EVALUATIONS
Since 1998/...**

Acting as evaluator for the following organizations

- Advisory Panel - World Bank – Independent Evaluation Group - Evaluation of Sustainable Provision of Infrastructure Services, 2012-2013
- Advisory Panel - World Bank – Independent Evaluation Group Evaluation of the World Bank Group's Support for Public-Private Partnerships, 2012-2013
- National Research Program of Kazaquistão, from 2011 to 2015
- Excelent Centers of Flandres , from 2011 to 2014
- European Commission, in Air Transport, Urban Mobility, Transport Policy, Cross Cutting areas, RTD programs 4th, 5th, 6th, 7th , from 2002 to 2013
- Research program of the Dutch Govern (Sustainable Accessibility of the Randstad program (DBR), 2008

Acting as member of the Jury

- French National Research Program “Investissement de l’avenir”, National Research , 2010.
- European Research Program H2020 from 2013 up to present;
- PTV – Transport and Logistics Software House, 2016-2017

SCIENTIFIC ADVISOR

SELECTED PUBLICATIONS

(conferences without refereeing and communications are not referred)

BOOKS AND SPECIAL ISSUES IN SCIENTIFIC JOURNALS**AUTHOR OF BOOKS**

1. Macário R., 2011, "Managing Urban Mobility Systems", ISBN 9780857246110, EMERALD Group Publishing Limited

EDITOR OF BOOKS

1. Macário R., Van de Voorde E. (Eds), 2010, "Critical Issues in Air Transport Economics and Business", ISBN-10: 0415570557, ISBN-13: 978-0415570558, ROUTLEDGE
2. Macário R., (Editor) (2005) "Port Management and Marketing", Publication of the Port of Leixões, ISBN 972-9044-85-6
3. Macário R., Filipe L., Aguiar B. (Eds) (under final revision for publication in 2017), "Aim and Manage for Inclusive Access", to be published by Cambridge Scholars, UK.

SPECIAL ISSUES IN SCIENTIFIC JOURNALS with REFEREING

1. Roumboutsos A., Macário R., (eds), 2013, "Public Private Partnerships in Transport: Theory & Practice" in Special Issue of Journal "Built Environment Project and Asset Management (BEPAM)" Published by Built Environment Project and Asset Management, Vol. 3 Iss: 2
2. Brown M., Macário R., Rothengatter W., (Eds), 2012, "Green and Efficient Logistics", Volume 4, Numbers 3-4 (2012), 83-86, DOI: 10.1007/s12159-012-0075-z in Journal of Logistics Research (LORE), Logist. Res. (2012) 4:83-86 DOI 10.1007/s12159-012-0075-z, published by Springer
3. Macário R. (Ed), 2010, "Economics of contractual relationships in the provision of transport infrastructure", Research in Transportation Economics 30 (2010) 1e5 , doi:10.1016/j.retrec.2010.10.001 ELSEVIER

EDITION OF CONFERENCE PROCEEDINGS

1. Macário R., (Eds), 2015, Proceedings of the TRANSED 2015 – 14th International Conference on Mobility and Transport for Elderly and Disabled persons, Lisboa, Portugal.
2. Macário R., (Eds), 2012, Proceedings of the AIRDEV 2012 – 1st International Conference on Airport Development, Lisbon, Portugal
3. Viegas J., Macário R. (Eds) , 2010, Selected Proceedings 12th World Conference on Transportation Research, Lisbon, Portugal, ISBN 978 989 96986 11 (e-book)
4. Viegas J., Macário R., 2010, (Eds) General Proceedings 12th World Conference on Transportation Research, Lisbon, Portugal, ISBN 978 989 96986 0 4 (e-book)

5. Macário R., Viegas J., (Eds), 2010, General Proceedings of the 16th Panamerican Congress on Transport, Traffic and Logistics, Lisbon, Portugal, ISBN 978 989 96986 0 5 (e-book)
6. Macário R., Viegas J., Hensher D. (Editors), (2007) Competition and Ownership in Land Passenger Transport, Selected papers from the 9th International Conference (Thredbo 9, held 2005), Eds., Hardbound, 986 pages, ISBN-13: 978-0-08-045095-7, ISBN-10: 0-08-045095-4, ELSEVIER

AUTHOR OF BOOKS CHAPTER

1. Macário R., Spandou M., Filipe L., (2016), "Institutional design and regulatory frameworks", Chapter 5 in Muñoz J.C., Paget-Seekins L. (Eds), "Restructuring Public Transport in Growing Cities: The Opportunities and Challenges of Bus Rapid Transit", Cambridge University Press
2. Zarob C., Allard J.M. Macário R., Garcia B., Garcia C. (2016), "Passenger information systems" ", Chapter 13 in Muñoz J.C., Paget-Seekins L. (Eds), "Restructuring Public Transport in Growing Cities: The Opportunities and Challenges of Bus Rapid Transit", Cambridge University Press
3. Oliveira M., Costa J., Ribeiro J., Macário R., 2015 "Finding an institutional evolutionary maturity concept: an exploratory analysis for European experience in PPPs, Chapter 3, Part 1, in Roumboutsos A., "Public Private Partnership in Transport: trends and theory", Routledge ISBN 978-1-13-889816-5
4. Ribeiro J., Couchinho R., Macário R. and Liyanage C., 2015, Cross-country analysis of PPPs The case of urban light rail projects, Chapter 14, Part 3, in Roumboutsos A., Public Private Partnership in Transport: trends and theory, Routledge ISBN 978-1-13-889816-5
5. Macário R., 2014, " Port Capacity Benchmark: leading or lagging ?" pp 61-78, chapter 3 in Vanelslander T., Sys C., "Port Business: Market Challenges and Management Actions", ASP Vub Press, 2015, ISBN 9057181797, 9789057181795
6. Macário R., 2014, "Public-Private Partnerships in Ports: Where are we?" in Meersman H., Voorde E., Vanelslander T., (Eds) "Port Infrastructure Finance" , pp 55-68, Informa Law from Routledge
7. Macário R., 2014, "Access as a social good and as an economic good: is there a need of paradigm shift ?", in Sclar E, Lonroth M., Wolmar C. (Editors), "Urban Access for the 21st Century: Finance and governance models for transport infrastructure", Routledge, ISBN 978-0-415-72049-6
8. Macário R., 2013, European Regulation in Urban Public Transport" in 'Regulating Transport in Europe', Publisher: Edward Elgar, Editors: Finger,M. Holvad T., Hardback 978 1 78100 482 1 Elgaronline 978 1 78100 483
9. Macário R., 2013, "Modeling for public policies inducement of urban freight business development" in Ben Akiva, M. (Ed), Meersman H. (Ed.), van de Voorde E., (Ed), "Freight Transport Modelling", Emerald Group Publishing, ISBN-10: 1781902852, ISBN-13: 978-1781902851
10. Silva J.M.R, Macário R., 2011, "Acessibilidades e Desenvolvimento da Região da Beira Interior", (pp 267-279), in Baleiras R., (Ed.) "Casos de Desenvolvimento Regional", ISBN 978-989-8131-85-0, Principia.

11. Macário R., (2010) "Bridging between infrastructure costs and charges. Is it relevant?" in Van de Voorde E., Vanellander T., (2010) Applied Transport Economics: a Management and Policy Perspective, pp 237–255, de Boeck, ISBN-10 9045532190 / ISBN-13 9789045532196
12. Macário R., Van de Voorde E., (2010) Major challenges for the future air transport sector in Macário R., Van de Voorde E. (Eds), 2010, "Critical Issues in Air Transport Economics and Business", pp 393-403, Routledge, ISBN-10: 0415570557, ISBN-13: 978-0415570558
13. Macário R., (2010), Airports of the future: essentials for a renewed business models in Macário R., Van de Voorde E. (Eds), 2010, "Critical Issues in Air Transport Economics and Business", pp 133-150, Routledge, ISBN-10: 0415570557, ISBN-13: 978-0415570558
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15. Macário R., Silva J.M. (2009), "Regional airports and local development: the challenging balance between sustainability and economic growth", in Uleguin F. (Ed), (2009)"Prospects for Research in Transport and Logistics on a Regional – Global Perspective", pp 189-195, ISBN 978-9944-5789-2-9.
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22. Macário R., (2005), "Restructuring, regulation and institutional design: a fitness problem", 9th Conference on Competition and Ownership in Land Passenger

Transport, 5-9 September, Lisbon, Portugal, in Hensher D. (Ed.) *Competition & Ownership in Land Passenger Transport* 0-08-044580-2, 792 pages, Elsevier Books

23. Macário R., Jansson K. (2005), "Institutional Frameworks (Workshop Report)", (chapter 2) in Hensher D. (Ed.) *Competition & Ownership in Land Passenger Transport* 0-08-044580-2, 792 pages, Elsevier Books
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27. Macário R., (2005) "Legal, institutional and contractual issues", pp 43 - 74, (chapter 4), ISSN: 0739-8859/doi (series): 10.1016/S0739-8859(04)11004-4 in Viegas J.M. (ed.), 2005, "Inter-urban Road Charging for Trucks in Europe", *Research in Transportation Economics*, Volume 11, ISBN: 0-7323-1142-8; ISSN: 0739-8859 (series), Elsevier Books
28. Macário R., Caiado G. (2004), "The Portuguese Experience: Lisbon", in Ambrosino G., M.Boero and M.Romanazzo (Eds) "Policies and Technologies for Sustainable Freight Distribution in Urban Area: Towards the eLogistics Agency" ENEA publication
29. Macário R., Caiado G. (2004), "Requirements and User Needs", in Ambrosino G., M.Boero and M.Romanazzo (Eds) "Policies and Technologies for Sustainable Freight Distribution in Urban Area: Towards the eLogistics Agency" ENEA publication
30. Viegas, J.M. , Macário R., 2003, "Involving Stakeholders in the Evaluation of Transport Pricing", in *Transport Projects, Programs and Policies – Evaluation Needs and Capacity*, Edited by Alan Pearman, Peter Mackie and John Nellthorp, Ashgate, Chapter 12, pp. 213-225, ISBN: 978-0-7546-3032-6
31. Viegas, J.M, Macário R., 2003 "Acceptability of Price Changes in Urban Mobility" of *Transport Pricing Strategies*, Edited by Jens Schade and Bernhard Schlag, Elsevier, Chapter 11, Oxford, ISBN-13: 978-0080441993, ISBN-10: 0080441998

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1. Magalhães L., Reis V., Macário R., (2016) "A literature review of flexible development of airport terminals" *Transport Reviews*, Pages 1-18 , *Transport Reviews*, Pages 1-18 | Received 15 Feb 2016, Accepted 06 Oct 2016, Published online: 24 Oct 2016,
2. Macário R., 2016 "A Acessibilidade como um bem social e um bem econômico: existe necessidade de uma mudança de paradigma?", *Boletim Regional, Urbano e Ambiental do IPEA, Instituto de Pesquisa Aplicada*, Vol 14, Junho 2016, pp p. 177-200, Brasil <http://hdl.handle.net/11058/6820>, <http://www.ipea.gov.br>

3. Oliveira M., Ribeiro J, Macário R, "Are we planning investments to fail? Consequences of traffic forecast effects on PPP contracts: Portuguese and Brazilian cases", *Research in Transportation Economics*, 2016, vol 59, pp 167-174 <http://dx.doi.org/10.1016/j.retrec.2016.04.003>
4. Pedro, M. J. G., & Macario, R., A review of general practice in contracting public transport services and transfer to BRT systems, *Research in Transportation Economics* (2016), Volume 59, November 2016, Pages 94–106 <http://dx.doi.org/10.1016/j.retrec.2016.07.010>
5. Magalhães L., Reis V., Macário R., (2015), "Can flexibility make the difference to an airport productivity ? an assessment using cluster analysis", *Journal of Air Transport Management*, Vol 47, pp 90-101, Elsevier
6. Macário R., Ribeiro J., Costa J., (2015) Understanding pitfalls in the application of PPPs in transport infrastructure in Portugal, *Transport Policy*, Volume 41, July 2015, Pages 90–99, Elsevier.
7. Reis, V., Macário, R. (2015). "Promoting Integrated Passenger Transport Solutions Using a Business Approach", *Case Studies In Transport Policy*, Vol 3, issue 1, pp 66-77, Elsevier
8. Macário R., Costa J., Ribeiro J., 2015, "Cross sector analysis of four renegotiated transport PPP's in Portugal, *Transport Reviews* Vol 35, nr 2, pp 226-244, Routledge, DOI 10.1080/01441647.2015.1012755
9. Reis, V., Macário, R. (2014). Assessing The Person-Job Fit In The European Union Aviation Industries Using A Competency Gap Assessment Framework. *Transportation Research Record: Journal of the Transportation Research Board* nr 2499, Aviation 2014, USA
10. Filipe L.N., Macário R., 2014, Policy packaging in BRT projects: A methodology for case study analysis, *Journal Research in Transportation Economics*, Volume 48, December 2014, Pages 152–158, Elsevier
11. Veziroglu A., Macário R., 2014 "Systems Dynamics Model for Reduction of Health expenditures through transition to hydrogen vehicles (SRTH): case studies USA, China, INdia", IJGE-2013-0025, *International Journal of Green Energy*, Taylor and Francis, UK, DOI: 10.1080/15435075.2013.809723
12. Domingues S. , Macário R., Pauwels T., Van de Voorde E., Vanelslander T., Vieira J., 2014, Air Cargo Security: a Belgian case study", Elsevier *Journal of Air Transport Management* 34 (2014) 131 e 139, DOI 10.1016/ j.jairtraman. 2013.10.001
13. Kalakou S., Macário R., 2013, An innovative framework for the study and structure of airport business models, *Case Studies on Transport Policy*, Volume 1, Issue 1-2, July 2013, Pages 2-17, Elsevier.
14. Rouboutsos, A.; Macário , R., 2013, Public private partnerships in transport: theory and practice, *Built Environment Project and Asset Management*, V. 3, n.º 2, 160-164, 10.1108/BEPAM-05-2013-0016
15. Veziroglu A., Macário R., 2013, "Countries to benefit Most from Early Transition to Hydrogen: Merit Factor Analysis", R-13-3377, *International Journal of Energy Research*, Volume 37, Issue 8, pages 781–810, DOI: 10.1002/er.3040, John Wiley & Sons, UK

16. Barreira A., Reis V. Macário, R. (2013). Competitiveness of High-Speed Rail: Analysis for Corridor Between Lisbon, Portugal, and Madrid, Spain, Based on Discrete Choice Models. *Transportation Research Record: Journal of the Transportation Research Board*, Vol. 2374, No. -1, Dec. 2013, pp. 9–16. DOI 10.3141/2374-02 [↗](#)
17. Zegras C., Nelson J., Macário R., Grillo C., 2013, "Fiscal federalism and prospects for metropolitan transport authorities in Portugal", *Transport Policy*, [/dx.doi.org/10.1016/j.tranpol.2013.03.003](http://dx.doi.org/10.1016/j.tranpol.2013.03.003); Elsevier
18. Filipe L., Macário R., 2013, "A first glimpse on policy packaging for implementation of BRT projects", *Journal Research in Transportation Economics*, Elsevier *Research in Transportation Economics* Volume 39, Issue 1, March 2013, Pages 150–157, <http://dx.doi.org/10.1016/j.retrec.2012.06.008>
19. Baindur D., and Macário R., (2013) Mumbai Lunchbox delivery system: a transferable benchmark in urban logistics ? *Journal of Research in Transportation Economics - Economics of Sustainable Transport in India*, Volume 38, Issue 1, February 2013, Pages 110–121, <http://dx.doi.org/10.1016/j.retrec.2012.05.002>
20. Reis V., Macário R., (2012), "Competences gap in the European Railways" *Transportation Research Record* : *Journal of the Transportation Research Board* 2275, pp111-119, ISSN 0361-1981, ISBN 978-0-309-22324-9, USA
21. Morgado F., Macário R., (2012), Landing Fees in Portuguese Airports Proposal for a Scheme Based on Marginal Costs of Runway Use, *Transportation Research Record: Journal of the Transportation Research Board*, No. 2300, D.C., 2012, pp. 119–128. DOI: 10.3141/2300-14; USA
22. Ribeiro J., Macário R., Reis V., (2011), "Proposals for mitigation of pollutant emissions from aircraft at Lisbon Airport", D.C., 2012, pp. 119–128. DOI: 10.3141/2300-14 *TRANSPORTES* (ISSN: 2237-1346), v. 19, n.2 (2011) p. 34 -41, Brasil
23. Veziroglu A., Macário A., 2011, "Fuel cell vehicles: State of the art with economic and environmental concerns", 2011, *International Journal of Hydrogen Energy*, Vol 36, issue 1, January 2011, pp 25-43 - 10.1016/j.ijhydene.2010.08.145, Elsevier [10th most downloaded papers in IJHE in 2011]
24. Peneda M., Reis V., Macário R., 2011, Critical factors for Development of airport cities, *Transportation Research Record*, 2214, Aviation 2011, pp 1-9, ISSN 978-0-309-16728-4, USA
25. Macário R., (2010) Future challenges for transport infrastructure pricing in PPP arrangements, in MACÁRIO R., (2010), (Ed.) *Economics of contractual relationships in the provision of transport infrastructure*, Special Issue in *Journal of Research in Transportation Economics*, Elsevier (doi:10.1016/j.retrec.2010.10.015)
26. Macário R., (2010) Critical issues in the design of contractual relations for transport infrastructure development, in MACÁRIO R., (2010) (Ed), *Economics of contractual relationships in the provision of transport infrastructure*, Special Issue in *Journal of Research in Transportation Economics* (doi:10.1016/j.retrec.2010.10.001)
27. Macário R., Teixeira P., Rothengatter W., (2010) "Deploying a Business Logic for Railways Infrastructure Charging", *Railways 2010*, *Transportation Research Records*, ISSN 0361-1981, Issue Volume 2159 / 2010, Pages 44-51, DOI 10.3141/2159-06, TRB publication *Transportation Research Record: Journal of the Transportation Research Board*, Publisher Transportation Research Board of the National Academies, (Online Date Monday, September 06, 2010), USA.

28. Macário R., (2010) Competing for level of service in the provision of mobility services: Concepts, processes and measures, *Research in Transportation Economics*, Volume 29, Issue 1, 2010, Pages 261-274, Reforming Public Transport throughout the World, doi:10.1016/j.physletb.2010.07.033
29. Macário R., 2009 , “Implementing a management model for urban mobility systems: a Brazilian case”, submitted to *Journal of the Eastern Asia Society for Transportation Studies*, Vol.8,
30. Macário R., 2009 , “Conveying a Management Model for Urban Mobility Systems”, submitted to *Journal of the Eastern Asia Society for Transportation Studies*, Vol.8, 2009
31. Macário R., Galelo A., Martins P, (2008). “Business Models in Urban Logistics *Revista Ingeniería & Desarrollo Revista de la División de Ingenierías de la Universidad del Norte*, Colombia, Nr 24 Jul Dez 2008, ISSN 0122- 3461
32. Macário R., (2008) “Airports of the future: multifunctional platforms”, *European Journal of Transport Infrastructure Research*, Delft, 2008, Volume 8, Issue 2, Pages 165-182, ISSN 1567-7141
33. Macário, R.; Reis, V. (2008) “Architecture of an information system for an intermodal transport service” in Fernandes C., Figueiredo J. (Eds), in *IEMC – Europe 2008*, IEEE Operations Center, Piscataway, USA, ISBN: 9781424422883, pp 415 – 419.
34. Macário R., Marques C., (2008)“Transferability of Sustainable Urban Mobility Measures” in Hensher D. (Editor) “Reforms in Public Transport”, *Research in Transportation Economics*, Volume 22, Issue 1, 2008, Pages 146-156 doi:10.1016/j.retrec.2008.05.026, Elsevier
35. Macário R., Jara-Díaz S., (2008) “Growing Patronage: Challenges and what has been found to work” in Hensher D., *Reforms in Public Transport*, *Research in Transportation Economics*, Volume 22, Issue 1, 2008, Pages 12-15, doi:10.1016/j.retrec.2008.05.004, Elsevier
36. Macário R., (2008) “ Airports of the future: essentials for a renewed business model” *European Journal of Transport and Infrastructure Research* Volume: 8 Issue: 2
37. Macário R., (2008) “Towards a reform of urban transit systems: topics for action” in Round Table 141 CEMT/OECD pp 109-144 *International Transport Forum* Availability: Available Publication date: 05 Nov 2008 ISBN: 9789282101995 OECD Code: 742008061P1
38. Macário R., 2007, “Value for Money in Public Transit: Who is responsible ?” in “Delivering Value for Money to Government through Efficient and Effective Public Transit Service Continuity: Some Thoughts” in *Transport Reviews*, Volume 27, Issue 4 July 2007 , pages 411 – 448, Taylor and Francis
39. Macário R., Ramos A., (2004), "Security in Public Transport How to Improve Personal Security in Public Transport", *Revista da UITP de 05/2004 - Feeling Safe on the Move - Página 17 a 19* , ISBN - 1016 - 796 X
40. Hensher, D. A., Macário R., (2002) “Organisation and Ownership of Public Transport Services”, *Transport Reviews*, 2002, VOI 22, nº3, 349-357, ISBN 0144-1647, Taylor and Francis
41. Viegas, J., Macário R., (2001) “Acceptabilité des prix dans les systemes de transports (Price Acceptability in Transport Systems publication in the *Cahiers Scientifiques* nº 40. Magazine, 2001;

42. Macário R., (2000), "Upgrading quality in urban mobility systems", presented at the 5th World Congress in Total Quality Management, and published in *Managing Service Quality Magazine*, Vol II, number 2, 2001, MCB University Press, ISSN 0960-4529, pp 93-99, Sheffield, UK, June 2000;

INTERNATIONAL CONFERENCES WITH REFEREEING

1. Cunha D., Aguiar B., Macário R., Reis V. (2016), "Evaluating Passenger Stress at Airports to Provide a Good Passenger Experience", 20th ATRS World Conference, 23-26 June, Rhodes, Greece
2. Spandou M., Macário R., (2016) " Network Governance Through Time: the case of London Public Transport System", 14th World Conference on Transport Research, 10-15 July, Shanghai, China.
3. Aguiar B., Macário R., (2016) "The need for an Elderly Centred Mobility Policy" Part I", 14th World Conference on Transport Research, 10-15 July, Shanghai, China.
4. Filipe L.N., Macário R., (2016), " Collaborative approaches to the production of information for urban mobility systems", 14th World Conference on Transport Research, 10-15 July, Shanghai, China.
5. Matos Martins P., Macário R., (2016) "The concept of "Shared Responsibility": a variant approach to congestion pricing – Part I", 14th World Conference on Transport Research, 10-15 July, Shanghai, China.
6. Reis, V., Macário, R (2016). Barriers and Public Policies for Technology Adoption in the EU Railways Sector. Transportation Research Board, 95th Annual Meeting, Ref 16-2467, Washington, 10-14 January.
7. Macário R., (2015), Virtual Special Issue on Sustainable Transport in India, Case Studies on Transport Policy, Vol3, Issue 3, September 2015, Elsevier.
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9. Acciaro M., Ferrari C., Lam J. S.L., Macário R., Roumboutsos A., Sys C, Tei A., Vanelslander T., 2015, "Innovation processes of terminal operators : insights from an empirical analysis", Proceedings of the IAME Annual Conference 2015, International Association of Maritime Economists, Kuala Lumpur, 24-26 August 2015, p. 1-20, <http://hdl.handle.net/10067/1268980151162165141>
10. Vanelslander T., Sys C., Acciaro M., Ferrari C., Giuliano G., Kapros S., Lam J., Macário R., Rashed Y., Roumboutsos A., "Port innovation : definition and typology", BNPPF Innovation Event 2015, University of Antwerp, 23 April 2015, p. 1-15, <http://hdl.handle.net/10067/1279200151162165141>
11. Domingues M.L., Reis V., Macário R., 2015, "A comprehensive framework for measuring performance in a Third-Party Logistics Provider", 18th Euro Working Group on Transportation, EWGT 2015, Transportation Research Procedia, Volume 10, 2015, Pages 662-672, ISSN 2352-1465, <http://dx.doi.org/10.1016/j.trpro.2015.09.020>

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13. Magalhães L., Macário R., Teixeira P., 2013, "O uso das escadas rolantes para melhorar a mobilidade pedonal em cidades de orografia desfavorável: o Caso de Lisboa" (The use of rolling stairs in city of unfavourable orography: Lisbon Case), Anais do ANPET XXVII, Congresso de Pesquisa e Ensino em Transportes, 04-08 Nov 2012, Belém do Pará, Brasil
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PERSONAL SKILLS AND COMPETENCIES

MOTHER TONGUE

Portuguese

LANGUAGES

Reading Skills

English

Spanish

French

Italian

Excellent

Excellent

Excellent

Good

Writing Skills

Excellent

Excellent

Regular

Basic

Verbal Skills

Excellent

Excellent

Good

Basic

ARTISTIC SKILLS AND COMPETENCIES

Writing, Photography, Music

SOCIAL SKILLS AND COMPETENCIES

Strategic perspective, leadership and development of people: Easy integration in different social and cultural environments. Capacity to lead and manage change processes.

Good oral and written communication

ORGANISATIONAL SKILLS AND COMPETENCIES

Co-ordination, development and management of teams, projects, budgets and meetings

Organization of international events

TECHNICAL SKILLS AND COMPETENCIES

Flight Operations Officer (License 344/OOV/1 ICAO-DGAC)

DRIVING LICENCE(S)

Yes