

Curriculum vitae

Key expert: Quantitative economist – in infrastructure and transport economics
Staff of www.EconoVision.nl

- 1. Family name:** van der Beek
- 2. First names:** Joël
- 3. Date of birth:** 2 May 1967
- 4. Passport holder:** Dutch
- 5. Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Erasmus University Rotterdam 1986 -1992	Master of Science (Economics)

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

Language	Reading	Speaking	Writing
Dutch	Native	Native	Native
English	1	1	1
German	1	2	3
French	1	2	3

- 7. Membership of professional bodies:**

Sustainable and Inclusive Economy – Alliance Fair & Green Deal (DSE) (since 2009); International Input-Output Association (IIOA) (since 2006); Netherlands Association of Economists (LSE) (since 2002); Netherlands Society for International Affairs (Clingendael) (since 1996); Economists for Peace and Security (since 1994); Railforum (from 2003 to 2006); European Rail Circle (Brussels) 2000-2005.

- 8. Other skills:** (e.g. Computer literacy, etc.)

Computer skills: Fully conversant with Word, Excel, PowerPoint, HTML, Dreamweaver, Mac and Microsoft surrounding. Language: Diploma of Advanced Business French at Alliance Française. Social skills: Joel is married and has three children. He is board member at Economists for Peace and Security, board member at De Oorsprong (7 schools, primary education, 1800 children). He is the key person behind the "Economists on Peace" blog at the Institute for Economics and Peace (www.economicsandpeace.org). Joel has been living in Belgium for 10 years, and for a shorter period in Tanzania and in Ivory Coast. Additional to this he has been employed in Belgium and in Germany for several years, while keeping domicile in the Netherlands.

- 9. Present position:** Principal economist

- 10. Years within the firm:** 14

- 11. Key qualifications:**

In 2005 Joël van der Beek established EconoVision, economic and strategic research. He is managing the company, with a branch in India, since then. Joël van der Beek has studied Economics at the Erasmus University in Rotterdam where he specialized in development economics and international (trade) economics. Since 1994 he has worked as an economic expert with various international consultancy firms, amongst others for the Netherlands Economic Institute, where he focused on methods of economic valuation and international (applied) macro- and sector economics. During his years with Policy Research Corporation (Belgium) he has built up experience in strategic management, mainly in infrastructure, ports and transport industries. With TransCare (Germany) he has led projects in logistics and rail transportation. Joel has experience with quantitative economics, economic modelling, evaluation and impact analysis. On a regular basis Joël undertakes this type of analyses for governments and multilateral organizations and for private companies, thereby effectively translating theory into practice. He has published on various themes: ex-post evaluation, cost-benefit analysis, complimentary currencies for climate change, the oil- and gas industry, and maritime economics.

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12. Project experience

Country	Company	Year	Position	Description
Saint Lucia	Saint Lucia Air and Sea Ports Authority	2018-2019	Economist	Port-Redevelopment Feasibility Study; Re-development of Cargo & Container Terminal at Cul De Sac or the Castries Seaport (Bananas Bay) and Upgrade of Facilities for Cruise Tourism at Castries Seaport. The project includes the technical, economic and financial project design (investment costs, cash flow analysis, cost benefit analysis, the financing options i.e. PPP).
Guyana	Ministry of Public Infrastructure of Guyana	2017	Economist	Feasibility study and design for the new Demerara Harbour Bridge . Identification of the location and the configuration of the crossing, the investment costs, as well as the financing options (i.e. PPP). Also including the environmental impact, the business case, cash flow analysis and the economic benefit of the proposed solutions.
Netherlands	ProRail	2017	Economist	Setting up of an assessment framework and a mode of operation to prioritise between cargo trains in case of shortages in capacity on the rail infrastructure, and to incorporate this procedure in the processes of maintenance and handling of disturbances.
Netherlands	Municipality of Lansingerland	2016-2017	Economist	Feasibility study and risk analysis for a rail cargo terminal to be built in the vicinity of the Port of Rotterdam, Netherlands.
Turkey-OIC	Organization of the Islamic Cooperation - COMCEC	2016-2018	Economist	Two projects: 1) Improving Transnational Transport Corridors in OIC Member States: Concepts and Cases. and 2) Planning of National Transport Infrastructure in OIC Member States
Mali - Italy	UN Multidimensional Integrated Stabilization Mission in Mali (MINUSMA)	2016	Economist	La Biennale di Venezia - BLUE: Architecture of UN Peacekeeping Missions at the Dutch Pavilion during the 15th Venice Architecture Biennale in 2016. EconoVision contributed with 'A speculative financial and socio-economic model for evaluating and enhancing international peacekeeping missions' to this research by Malkit Shoshan. Gao, Mali.
Netherlands	Deutsche Bahn Schenker	2016	Economist	Research on railway access charging for this logistics company (20 billion euro turn over; 95,000 staff)
Belgium - Germany	Bosch Industries – Infrabel – B Logistics	2016	Economist	Setting up collaboration in view of an innovation in automated driving and shunting of railway locomotives.
Saint Lucia	Saint Lucia Air and Sea Ports Authority:	2016	Economist	Environmental Impact Assessment (EIA) of Pointe Seraphine Berth 1 Extension, Castries, St. Lucia (Caribbean).
Various	European Investment Bank	2013-2016	Economist	Framework agreement Evaluation of Transport Projects Commissioned by the Evaluation Department of the EIB. EconoVision, in collaboration with Mott Macdonald, is the preferred supplier when it comes to assessment and evaluation of investment opportunities in the field of transportation and infrastructure.
Cape Verde	Ministry of Infrastructure Transport and Telecomm / Cape Verde Port Authority	2011-15	Economist	Maintain and Develop Cape Verde as an Attractive Cruise Destination by Investing in the Development of a Dedicated Cruise Ship Terminal and Auxiliary Facilities as Part of Cape Verde. Joel is responsible for the ex ante evaluation , including the socio economic elements of the EISA.
Ethiopia	Ethiopia Ministry of Transport - Lake Tana Transport Enterprise	2009-2016	Economist	Expansion and Modernization of the Lake Tana Transport Infrastructure; For the Ethiopian Ministry of Transportation EconoVision has set up a business plan and a financing structure of ferry services on Lake Tana. We also analysed the economic and social effects (ex ante evaluation, EISA) of the expansion of ferry services on Lake Tana.
Nigeria	Nestoil Ltd.	2014	Economist/ Valuator	Financing of a dry dock. For one of Nigeria's largest EPC firms, EconoVision has prepared a business case to make its investments bankable. With this investment Nestoil is able to streamline its docking activities and meet its objectives for safe working conditions, more competitive prices, shorter lead times, high quality craftsmanship and overall reliability in client service.
Austria	Swietelsky	2013-14	Economist	Optimising procurement contracts in construction and maintenance of rail infrastructure.
Kingdom of Saudi Arabia	CINOP/Colleges of Excellence Company ("CoE")	2013	Principal Economist	CINOP operated three TVET colleges (capacity 6000 students) in the Kingdom of Saudi Arabia from 2014-2019. CINOP has won this assignment in an international competition. EconoVision played a key role in designing, pricing and winning of this tender, and development of the business plan of the three colleges
Belgium	Belgian Federal State Department– Evaluation Unit	2012	Economist	Evaluation of the Belgian Investment Company for Developing Countries (BIO)
Belgium	Infrabel	2012	Principal Economist	Evaluation of infra charging structure and design of a new and robust tariff structure. Infrabel, the provider of rail infrastructure in Belgium has invited EconoVision to evaluate and improve its model for the pricing of infra charging. EconoVision has assessed the integral tariff structure of Infrabel. We have also laid the basis for a new and optimized tariff structure. This service will enable Infrabel to fulfil its tasks more appropriately, efficiently and effectively.
Netherlands	Province of Gelderland	2012	Economist	Due diligence in a heavy rail concession (Province of Gelderland and Connexxion)
Netherlands	RVO - Netherlands Ministry of Economic Affairs	2010-2012	Economist	Annual Monitoring of publicly financed energy research for the Netherlands Ministry of Economic Affairs. The Monitor is the basis for national policy making as well as the basis for vetting of Dutch policies in this regard by both the OECD and the IEA.
Armenia	Ministry of Transport of Armenia	2011	Economist	Development of Water supply networks, under Rural Areas Economic Development Programs Implementation Unit. Joel made the cost benefit analysis and the cash flow analysis.
Netherlands	Metro operating company Amsterdam Almere	2011	Principal Economist	Alignment and business case study for new Metro line between Amsterdam and Almere. This project is a study to connect Almere and Amsterdam with a new metro line. Joel's role was to prepare the business case so ensure a limited claim on the PPP structured investment budgets , the financial sustainability and a socio-economic optimization. His responsibilities included the tariff structure and the maximization of total revenue.
Bosnia and Herzegovina	Ministry of Transport and Communications of BiH	2011	Principal Economist	Business Case and financing plan for Zenica Connecting Ring Road . Joel has conducted an ex ante assessment of the social, financial and economic feasibility of the Zenica Connecting Ring Road (E73/ Corridor Vc highway) as part of the financing process.
Cape Verde	Cape Verde Port Authority - ENAPOR	2010	Economist	Installation of towing capacity to facilitate a comprehensive transport facility for Cape Verde; For the Port Authority of Cape Verde EconoVision has developed the comprehensive argumentation for a proposal to invest in tugboat capacity. We analysed the economic and social effects (ex ante evaluation, EISA).
Albania	Ministry of Transport of Albania	2010	Economist	Albania Buna river delta. Joel made the cost benefit analysis and the cash flow analysis

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Country	Company	Year	Position	Description
Netherlands	Netherlands Ministry of Infrastructure and Environment	2009	Economist	Ex post evaluation of the «Schiphol» Act. Joel participated in the evaluation of the regulatory system for the operation of Schiphol Airport, with focus on its tariff structure. The relevant aspects are the tariff structure, the quality levels of services rendered and the level of market accessibility for airlines in relation to the use of airport infrastructure. The competition regulator (NMa) plays a key role in the monitoring and enforcement of these aspects
Multinational	BiD Network	2009	Principal Economist	Micro credit , impact on development (in terms of millennium development goals) Business in Development (BiD) Network engages thousands of entrepreneurs, experts and investors from all over the world in order to stimulate entrepreneurship and economic growth in emerging markets. BiD Network operates with partners in ten developing countries offering access to finance through investors and private funds . For BiD Network, EconoVision has calculated the impact of micro credit on development in terms of the Millennium Development Goals. This impact has been calculated per country and has been compared with the impact of aid related projects.
Macedonia	Ministry of Health of the Republic of Macedonia	2009-2015	Economist	Set up of an integrated system of maternal and child health care for improved health outcomes in the Republic of Macedonia. Joel made the cost benefit analysis and the cash flow analysis
Multinational	Netherlands Ministry of Foreign Affairs	2009	Principal Economist	Evaluation Business in Development Network; Seed capital for private sector business plans in developing countries. Upon request of the sponsors of Business in Development (BiD), EconoVision, in cooperation with Carnegie Consult, has conducted an evaluation of the BiD programme. The programme is an array of instruments to stimulate entrepreneurial initiatives in developing countries. The outcomes of the evaluation have been instrumental for modification of the overall strategy of BiD and of the sponsors as well.
Netherlands	Highway authority/ Association of Insurance Companies	2008	Economist	Concession of highway incident management - Evaluation of procurement and contracting procedures
China and USA	Netherlands Ministry of Infrastructure and Environment	2008	Economist	Evaluation of partnering program Rijkswaterstaat with PR China and USA (2007-08). The Directorate-General for Public Works and Water Management (Rijkswaterstaat) has asked EconoVision to evaluate its partnering program with China and the US. The partnering program aims at exchanging know-how and expertise in the field of protection against flooding, supply of sufficient clean water, and the quality of waterways. The results will be used for corporate purposes and control.
South Africa	NCDO / FIFA (football association)	2008	Economist	Poverty reduction through profit; For the Netherlands National Committee for Internat. Coop. and Sustainable Development EconoVision designed a methodology for calculating the economic benefits, and in particular the effects on poverty, of hosting the 2010 Soccer World Cup. This methodology was presented to the FIFA Board and South African Local Organising Committee.
Netherlands	Port of Rotterdam	2007	Economist	Optimisation of rail logistics for the Port of Rotterdam
Sierra Leone	Heineken/NCDO	2006	Economist	Economic impact of Heineken Breweries on the national economy of Sierra Leone
Netherlands	Regionale Projectorganisatie Zuiderzeelijn	2006	Economist	Joël van der Beek has studied the added value and limitations of cost benefit analysis (CBA) in this mega investment project in transport infrastructure (Zuyder Zee Railway Line).
Belgium	Infrabel/NMBS	2004	Economist	Strategy session infra charging in view of making its tariff system compliant with EU regulations.
Netherlands	ProRail/ Netherlands Ministry of Transport	2003	Economist	Design and socio-economic cost benefit analysis of a new rail infrastructure charging system. The result is that the new tariff structure has been implemented and is active today. Including cost benefit analysis of the introduction of a new rail infrastructure charging system a European benchmark.
Netherlands	Netherlands Ministry of Transport	2002-2004	Economist	Economic Impact Study Dutch Rail Cargo Sector EISR. Joël van der Beek has played a leading role in this research project. It has resulted in a rigorous adjustment of the policy framework, ambitions and priorities of the Dutch Ministry of Transport. Also the industry has learned from the study and has adjusted its strategies. The EISR framework is still seen as leading.
East Asia	World Bank	2002	Economist	Strategy paper for the transport unit of the World Bank: East Asia trade and logistics strategy ; <i>Measuring Progress</i>
The Netherlands	Ministry of Foreign Affairs, the Ministry of Economic Affairs and the Dutch Employers Association (VNO-NCW)	2001	Economist	Financial and operational audit of a tied aid/export subsidy program (ORET/MILIEV), including analysis of effectiveness. For the Ministry of Foreign Affairs, the Ministry of Economic Affairs and the Dutch Employers Association (VNO-NCW) Joël van der Beek has conducted a process audit of the ORET/MILIEV programme for tied development aid. The audit was required because of a structural under spending of available means.
Lithuania	Netherlands Ministry of Economic Affairs / Netherlands Ministry of Foreign Affairs	2000	Economist	Monitoring mission in regards to the development of free economic zones in Kaunas, Klaipeda and Siauliai, Lithuania. The monitoring mission had the objective to evaluate three projects related to the transport sector in Lithuania, and their respective financing instruments (PSO, Multi donor Trust Fund and Joint Co-financing) and to optimise Dutch policies toward World Bank policies.
Multinational	Neth Ministry of Foreign Affairs	2000	Economist	Evaluation of a tied aid/export subsidy program (ORET/MILIEV), worldwide
Multinational	Netherlands Ministry of Foreign Affairs	1999	Economist	Evaluation of ORET/MILIEV programme, 1994-1999 review, IOB- evaluations , 1999 (Netherlands Ministry of Foreign Affairs, Evaluation Department for development assistance); (published)
Palestine Territories	Netherlands Ministry of Foreign Affairs	1999	Economist	Evaluation of Dutch aid projects in the Palestinian Territories 1994-1999, IOB- evaluations , 1999; (published)
Gulf States	GCC	1998	Economist	Development of an econometric model for regional integration among the member states of the Gulf Cooperative Council.
Cote d'Ivoire	IMF/ European Commission	1998	Economist	Organisation of a diplomatic conference on public budget issues in Ivory Coast between the African francophone countries and IMF
Multinational	Neth Ministry of Foreign Affairs	1997	Economist	Evaluation of the FMO programme (investment bank for developing economies)
EU-TACIS	European Commission	1997	Economist	Evaluation of the TACIS Interstate Programme in Environment (1992-1999).

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13. Professional experience

From to	Location	Company & reference person (name & contact details)	Position	Description
Since 2013	New Delhi (India, global operations)	Econolytics, India Ref: Mrs. Pritha Datta Chowdhury, pritha@econolytics.in	Global Partnerships	Global capacity solutions in data analytics
Since 2005	Rotterdam (Netherlands, global operations)	EconoVision economic research Ref: Mr. Pascal Otterspeer, po@econovision.nl	Principal economist	Economic research: quantitative analyses for strategic decision (major investments, mergers, policy measures, financing)
2004-2005	Utrecht (Netherlands)	KPMG Atos Consulting Ref: Mr Dick Boeve, info@metrum.nl	Economic researcher	Economic research with focus on spatial planning
2003-2004	Wiesbaden (Germany)	TransCare GnbH Ref: Mr Jahncke, info@transcare.de	Economic researcher	Economic research with focus on transport and logistics
1998-2003	Antwerp (Belgium)	Policy Research Corporation Ref: Mr Chris Peeters, info@policyresearch.be	Economic researcher	Economic research with focus on energy sector and infrastructures
1996-1998	Rotterdam (Netherlands)	Netherlands Economic Institute Ref: Mr Albert de Groot Albert.degroot@ecorys.nl	Economic researcher	Economic research with focus on development economics, international financial institutions
1994-1995	Rotterdam (Netherlands)	Housing Cooperation Rotterdam Ref: info@woonstadrotterdam.nl	Consultant	Client support
1992-1993	Amersfoort (Netherlands)	Royal Dutch Army No ref available	Cavalry, Commander Leopard II V tank	Serving Her Royal Majesty and protecting Dutch citizens
1991-1992	Mwanza (Tanzania)	Tanzania Cotton Marketing Board / Netherlands Economic Institute; Ref: Mr Albert de Groot Albert.degroot@ecorys.nl	Economic researcher	Economic research with focus on cotton industry

14. Other relevant information (e.g., publications)

- Hypothesis for a Risk Cost of Carbon in Understanding risks and uncertainties in energy and climate policy, Delton B. Chen, Joel van der Beek and Jonathan Cloud, Springer December 2018;
- UN Peacekeeping Missions in Urban Environments; The Legacy of UNMIL by FAST, New York University, CIC, 2018;
- Planning of National Transport Infrastructure in the Islamic Countries, OIC COMCEC Coordination Office, 2018;
- Improving Transnational Transport Corridors in the OIC Member Countries: Concepts and Cases, COMCEC Coordination Office, 2017;
- Climate mitigation policy as a system solution: addressing the risk cost of carbon by Delton B. Chen, Joel van der Beek and Jonathan Cloud, in Journal of Sustainable Finance & Investment, 2017;
- Base of the Future - Architecture and design thinking in Peacekeeping missions as part of the Future Force Conference 2017 The Hague, Ministry of Defence, 2017;
- A speculative financial and socio-economic model for evaluating and enhancing international peacekeeping missions, in BLUE; Architecture of Peacekeeping Missions, Dutch contribution to 2016 Venice Biennale, 2016;
- Global 4C: World Monetary Union for Climate Change Mitigation by Delton B. Chen, Jonathan Cloud, Joel van der Beek, 2015;
- World Currencies for Sustainability by Delton B. Chen, Joel van der Beek, Jonathan Cloud, Hailong Jin, and Armonia Borrego, 2015;
- The Legacy of U.N. Peacekeeping Missions; Case study: Camp Castor, Gao, Mali; Het Nieuwe Instituut, Malkit Shoshan, 2015;
- Global 4C Mitigation Policy; complimentary currencies for climate change, Brisbane Australia, 2014;
- Discussion paper on relationship between economics, business and peace, Institute for Economics and Peace/ Economist Intelligence Unit, 2011;
- Schiphol airport location, integral survey of alternative locations for the airport in 2040, Province of North-Holland, 2008;
- Fall back scenario for the Betuweroute, for Rail Cargo Information Netherlands, 2006;
- An instrument to smoothen the process of spatial planning, in Towards an effective public authority, Atos Consulting, 2005;
- Improving the methodology for the social cost benefit analysis, Railforum 2004;
- Trends in trade and logistics; an East Asian perspective, World Bank 2002;
- The Determinants of Economic Growth, Kluwer Academic Publishers, 2000;
- ORET/MILIEV review 1994-1999, Netherlands Ministry of Foreign Affairs, Evaluation Department for development assistance, IOB-evaluations, 1999;
- Palestinian Territories, IOB-evaluations, 1999;
- Multilateralism and Regionalism in the Post-Uruguay Round Era: What Role for the EU?, Kluwer Academic Publishers, 1999;
- The Dutch Maritime Cluster, Economic importance and structure, Delft University Press, 1999;
- The Dutch Maritime Cluster, A review of Dutch policy, Delft University Press, 1999;
- The Dutch Oil and Gas Sector, Delft University Press, 1998;
- Globalization of Labour Markets: Challenges, Adjustment and Policy Response in the European Union and Less Developed Countries, Kluwer Academic Publishers, 1998;
- External Resources for Development – With Particular Emphasis on the Role of the EU, Kluwer Academic Publishers, 1997.