

# Beknopt CV

## Joël van der Beek Econoom & strategisch consultant

### Profiel

Joël van der Beek heeft Algemene Economie gestudeerd aan de Erasmus Universiteit Rotterdam. Hij is gespecialiseerd in kwantitatief economisch/strategisch onderzoek.

Joël beschikt over ruime onderzoeks-ervaring op het terrein van beleid en strategie, scenario analyse en business cases. Economie is de basis van zijn benadering. Optimale benutting van strategische potentieel vergt echter meer dan een economische visie. Hij doorgrondt en begrijpt maatschappelijke context en politiek-bestuurlijke ontwikkelingen. Hij heeft de kennis en ervaring in huis om aan deze geïntegreerde visie gestalte te geven.

Joël publiceerde onder andere over transporteconomie, railinfrastructuur en beprijzing van klimaat risico.

### Werkervaring

**Sinds 2005 EconoVision, Rotterdam/Doorn**  
Econoom/strateeg  
**& sinds 2013 EconoLytics, New Delhi/Doorn**  
Directeur & medeoprichter

### Projectervaring (selectie):

#### Beleidsvorming:

Nederlands spoorbeleid • Nederlands nationaal zeevaartbeleid • Nederlands beleid regionale luchthavens • Havenontwikkeling in ASEAN • Econometrisch model regionale integratie Golf (GCC)

#### Monitoring en Evaluatie:

Wet Luchtvaart/ Schipholwet • Multilaterale Financiering • Vrijhandelsgebieden in Litouwen

#### Financieel economische impact analyse en data analyse:

MKBA 'groene' spoorterminal • MER-studie havenontwikkeling • Economische waarde openbaar vervoer • Waardering en prioritering van spoorvervoer • Cash flow analyse en financieel-economische haalbaarheid van infrastructuur

projecten in Nederland, Kaapverdië, Nigeria, Ivoorkust, Duitsland, Ethiopië, Marokko, Bosnië-Herzegovina

#### Ontwerp van beheer en exploitatie modellen:

Beheer en concessie structuren spoorinfrastructuur, lease wagenpark, bus, tram, metro en locomotief vloten

- Project automatische treinbesturing
- Contractering en beprijzing Incident Management Rijkswaterstaat
- Spoor gebruiksvergoeding
- Tolheffing en PPP in Guyana

#### Business cases en Financieel ontwerp:

M55 metroverbinding Amsterdam - Almere • New Demerara Harbour Bridge, Georgetown Guyana • Veerdienst Lake Tana, Ethiopië • Cruise- / vrachthaven, St Lucia • Ontwikkeling van online marktplaats voor data analisten

#### Economische advocatuur:

Mededinging, marktstructuur, prijsstelling

#### Visie vorming en Master Planning:

Visie 2020 voor Rijkswaterstaat • Den Haag Infrastructuur Master Plan • National Port Master Plan voor havens Mexico • Ruimtelijk-economische visie Schipholregio

**2004 - 2005: Atos Consulting (voorheen KPMG), Utrecht**  
Senior business consultant

**2003 - 2004: TransCare, Wiesbaden/ Leiden**  
Consultant/ project manager

**1998 - 2003: Policy Research Corporation, Antwerpen/Rotterdam**  
Management Consultant

**1996 - 1998: Ecorys/ Netherlands Economisch Instituut, Rotterdam**  
Researcher

**1994 - 1995: Woningcorporatie Rotterdam**  
Consultant

**1992 - 1993: Militaire Dienstplicht, Cavalerie** (verlengd tot 14 mnd)



### Positie

Econoom/strateeg, leidinggevende, EconoVision

### Nationaliteit

Nederlandse

### Talen

Nederlands: moedertaal  
Engels: vloeiend  
Duits: goed  
Frans: zeer goed

### Opleiding

Doctoraal (Algemene) Economie, Erasmus Universiteit Rotterdam, 1992

### Kern vaardigheden

Kwantitatieve economie • scenarioanalyse • economische impact • evaluatie en monitoring • financiële en investeringsanalyse • MKBA • haalbaarheidsanalyse • modellering • prijs en tariefstudies • kosteneffectiviteit en kosten-baten analyse • due diligence • concessies • business cases.

### Kennisgebieden:

- Economie van infrastructuur
- Logistiek en spoorvervoer
- Haven en vervoerssector
- Internationaal macro- en sectorbeleid
- Gebiedsontwikkeling, inclusief verkeer en vervoerontsluiting
- Openbaar vervoer

## Overige vaardigheden:

Computervaardigheden: Word, Excel, PowerPoint, HTML, Dreamweaver, Mac en Microsoft.

Taal: Diploma van Advanced Business French bij Alliance Française.

Sociale vaardigheden: Joel is getrouwd en heeft drie kinderen. Hij is bestuurslid bij *Economists for Peace and Security*, bestuurslid van Scholenvereniging De Oorsprong (zeven scholen, basisonderwijs, 1 700 leerlingen). Hij is de sleutelfiguur achter het blog *'Economists on Peace'* van het Instituut voor Economie en Vrede ([www.economicsandpeace.org](http://www.economicsandpeace.org)). Joel woonde gedurende tien jaren in België, en voor een kortere periode in Tanzania en in Ivoorkust. Daarnaast was hij enkele jaren werkzaam in België en Duitsland, terwijl hij zijn woonplaats in Nederland had.

## Publicaties

- 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, publication expected in 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*, OIC 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 D.B. Chen, J. Cloud, J. van der Beek, 2015;
- World Currencies for Sustainability* by D.B. Chen, J. van der Beek, J. Cloud, H. Jin, and A. 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;
- M55 Ijmeerlijn; vervoerconcept, ontwerp en business case*, Werkmaatschappij Amsterdam-Almere, 2011;
- Discussion paper on relationship between economics, business and peace*, Institute for Economics and Peace/ Economist Intelligence Unit, 2011;
- Vestigingslocaties Schiphol, integrale verkenningen van alternatieve toekomstbeelden in 2040*, Provincie Noord-Holland, 2008;
- Het 'terugval scenario' - Hoe wordt een vitaal ondernemersklimaat in het spoorgoederenvervoer bereikt?*, Rail Cargo Information Netherlands, 2006;
- Ontwikkelingsplanologie als procesversneller, in Op weg naar een effectieve overheid*, Atos Consulting, 2005;
- Verbeterpunten Maatschappelijke Kosten Baten Analyse - Aanvulling OEI leidraad*, 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;
- De Nederlandse Maritieme Cluster, Economische betekenis en structuur*, Delft University Press, 1999;
- De Nederlandse Offshoresector*, 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.

## Selection of Project References (*in English*)

- Port of Castries, Feasibility Study and Re-Design** (Saint Lucia, for Saint Lucia Air and Sea Ports Authority, 2018-2019) The project includes the technical, economic and financial project design: master plan, technical design, traffic forecasts, investment costs, cash flow analysis, cost benefit analysis, the financing options i.e. PPP) of turning a general port into a separated cruise port and a cargo port.
- Planning of National Transport Infrastructure in the Islamic Countries, Research / Publication** (Turkey-OIC, Organization of the Islamic Cooperation – COMCEC, 2017-2018) See publications.
- New Demerara Harbour Bridge, Feasibility Study and Design** (Guyana, for Ministry of Public Infrastructure of Guyana, 2017) Design of the new river crossing, including identification of location and configuration, traffic forecasts, investment costs, toll fee structure, financing options (i.e. PPP). Also including the environmental impact, the business case, cash flow analysis and the economic benefit of the proposed solutions.
- Rail Cargo Traffic, Optimizing Capacity Use** (Netherlands, ProRail, 2017) 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.
- Holland Rail Terminal, Feasibility and Risk Analysis** (Netherlands, Municipality of Lansingerland, 2016-2017) Feasibility study, cost benefit analysis and risk analysis for a new rail cargo terminal in the Rotterdam Region.
- Transnational Transport Corridors in the OIC Member States, Research / Publication** (Turkey-OIC, Organization of the Islamic Cooperation – COMCEC, 2016-2017) See publications.
- Architecture of Peacekeeping Missions at the 15th Venice Architecture Biennale, Research / International Exhibition** (Mali/ Italy, UN Multidimensional Integrated Stabilization Mission in Mali (MINUSMA), 2016) La Biennale di Venezia - BLUE: Architecture of UN Peacekeeping Missions at the Dutch Pavilion at the 15th Venice Architecture Biennale. Joël contributed with 'A speculative financial and socio-economic model for evaluating and enhancing international peacekeeping missions' to this research by Malkit Shoshan.
- Infrastructure Track Access Charge, Corporate Litigation** (Germany/Netherlands, Deutsche Bahn Schenker, 2016) Economic advocacy regarding railway access charges for this multinational logistics company.
- Automated driving and shunting of railway locomotives, project management** (Belgium/ Germany, Bosch Industries, Infrabel, B Logistics, 2016) Start up of SPV in view of an R&D project in automated driving.
- Mindelo Dedicated Cruise Ship Terminal, Business Case and Feasibility Analysis** (Cape Verde, Ministry of Infrastructure Transport and Telecomm / Cape Verde Port Authority, 2011-15) 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. Joël is responsible for the ex ante evaluation, including the socio economic elements of the EISA.
- Expansion and Modernization of the Lake Tana Transport Infrastructure, Business Case, Financing Plan** (Ethiopia, Ethiopia Ministry of Transport - Lake Tana Transport Enterprise, 2009-2016) Expansion and Modernization of the Lake Tana Transport Infrastructure; For the Ethiopian Ministry of Transportation Joël has set up a business plan and a financing structure of ferry services on Lake Tana. He analysed the economic and social effects (ex ante evaluation, EISA) of the expansion of ferry services on Lake Tana.
- Dry dock, Business Case** (Nigeria, Nestoil Ltd., 2014) Financing of a dry dock. For one of Nigeria's largest EPC firms, Joël 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.
- Construction and maintenance of Rail Infrastructure, Procurement and Contracting** (Austria, Swietelsky, 2013-14) Optimising procurement contracts in construction and maintenance of rail infrastructure.
- Colleges of Excellence Company, Member of Bid Team** (Kingdom of Saudi Arabia, CINOP/Colleges of Excellence Company ("CoE"), 2013) CINOP won the concession to operate three TVET colleges (capacity 6000 students) in the Kingdom of Saudi Arabia. Joël played a key role in the Bid Team, by designing, pricing and developing the business case of the three colleges.
- Calibration of Infra Track Access Charge** (Belgium, Infrabel, 2012) Evaluation of infra charging structure and design of a new and robust tariff structure. Infrabel, the provider of rail infrastructure in Belgium has invited Joël to evaluate and improve its model for the pricing of infra charging. Joël has assessed the integral tariff structure of Infrabel. We have also laid the basis for a new and optimized tariff structure. This service has enabled Infrabel to fulfil its tasks more appropriately, efficiently and effectively.
- Heavy Rail Concession, Due Diligence** (Netherlands, Province of Gelderland / Connexxion, 2012)
- Design of Metro connection Amsterdam – Almere, Alignment and Business Case** (Netherlands, Metro operating company Amsterdam Almere, 2011) 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. Joël'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.