

PERSONAL INFORMATION

Willar Vonk
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Willar Vonk is an automotive engineer and co-founder and Senior consultant at TechConcepts BV. He is an experienced programme and project manager with over 15 years of experience in automotive R&D and policy development projects. Willar is a pragmatic and positive collaboration builder, with a large (inter)national network, fluent in Dutch, English and German. His core strengths include:

- Sustainable mobility technology policy
- New business development
- Relationship and account management
- Operational and HR management
- Relationship and account development
- Financial management
- Project management in international context
- Proposal/bid development and drafting
- Research / Analysis / Reporting
- Transition management
- Programme management

WORK EXPERIENCE

Aug 2021- to date

Co-founder and Senior Consultant at TechConcepts BV, The Netherlands

Responsible for multiple aspects with regard to EU subsidy and innovation projects in the automotive sector and for building valuable strategic partnerships:

- proposal, project and consortium development
- support the technical coordinator in managing projects, carrying out day to day administrative activities and managing the consortium;
- provide support in defining the dissemination and exploitation strategy;
- website and logo design maintenance;
- technology roadmap and strategy development;
- business and market analysis.

May 2018- to date

TNO Traffic and Transport, Research Group Sustainable Transport and Logistics, The Hague, The Netherlands

Programme Manager and Senior business developer Sustainable Mobility

Responsible for the programmatic execution of the TNO strategy for Sustainable Mobility. This involves annual scheduling of innovative activities, resources and investments, as well as roadmapping, development and execution of the market strategy, team forming and development, and development of strategic partnerships. A grasp of the programme portfolio of the Sustainable Mobility program in this period, with an annual size of 4 to 5 mln and an annual order intake of 3 to 8 mln:

- 2019-2021: Support of MinlenW, MinBZK and MinLNV in the Nitrogen crisis, we assisted with the definition of measures to reduce emissions of Nitrogen of Mobility and building activities;
- Multiple projects under the H2020 and LIFE working programme like uCARE, CARES, MILE21, DIAS, SCIPPER, and the GreenVehicleIndex (GVI).
- 2018-2021: development of a strategic collaboration agreement with MinlenW, including the governance structure and matching of TNO innovation budget, resulting in allocation of 24 mln Euro budget for TNO for sustainable mobility research from 2021 to 2031;
- 2021: setting up and managing a consortium to perform Real Driving Emissions In-Service Conformity testing for RDW in the Netherlands, total budget ~10 mln Euro until 2027.
- 2017-2021: set-up of the collaboration with Horiba to continue the development of SEMS;
- 2017-2021: various large-scale emission measurement programs for MinlenW and EU DG GROW, as basis for improvement of emission legislation (Euro 7, Real-Driving Emission In-Service Conformity, and Market Surveillance, CO2 measurement procedures);
- 2017-2021: support of MinlenW in the development of measures to reduce climate emissions of Mobility and Non-Road Mobile Machinery;
- 2019-2021: main partner in de consortium that assists the EU DG GROW in the development of the next generation – Euro 7 – emission legislation for cars, trucks and buses;

Dec 2017 – Mar 2019

TNO Traffic and Transport, Research Group Sustainable Transport and Logistics, The

Hague, The Netherlands**Research / Department Manager**

Head of the department for Sustainable Transport and Logistics of TNO. Integral responsibility for HRM, operational deployment, strategy, financial planning, reporting and forecasting, project-management (financial result and client satisfaction) and QHSE for a group of ~60 people.

Dec 2009 – May 2017

TNO Traffic and Transport, Research Group Sustainable Transport and Logistics, The Hague, The Netherlands**Senior Project Manager**

Project leader of and technical specialist in various large projects, mainly in de public sector. The projects are typically research and consultancy projects on LD and HD vehicle emissions. Examples projects are:

- Consortium leader for multiple Framework Service Contracts for DG GROW and CLIMA of the European Commission (2010 - 2017)
- Euro 5 effect study for L-category vehicles (motorcycles, mopeds, quads, etc), for DG GROWTH of the European Commission (project duration 2015-2017)
- In use compliance programme Passenger Cars for the Dutch Ministry of Infrastructure and the Environment (project duration 2009 – 2012)
- In use compliance programme Heavy Duty vehicles for the Dutch Ministry of Infrastructure and the Environment (project duration 2010 - 2017)
- Demonstration programme Truck of the Future for the Dutch Ministry of Infrastructure and the Environment (project duration 2009 – 2014)

Activities that run parallel to Project Management:

- Team leader of the Sustainable transport team of the department Sustainable Transport and Logistics. The team consists of around 22 people (2012 to present). Co-responsible for people management, financial management, operational management and acquisition.
- Core Team member of the TNO Project Management Society, committing to improve Project Management quality and procedures at TNO (2012 to 2015).
- Programme Management for the projects that run within the Sustainable Transport team, including Project Review of projects in the team and Project Management Coaching (2012 to 2013).

Feb 2007 – Dec 2009

TNO Science & Industry, business unit Automotive, department Powertrains, Helmond, The Netherlands**Coordinator Chassis Dynamometers**

Responsible coordinator of the testing activities at the chassis dynamometer facilities, including:

- Planning of equipment and manpower capacity
- Project leader for projects for various parties in the public and private sector
- Managing the quality system (work instructions, calculation methods, securing data quality)
- Project and client guiding from acquisition to reporting phase
- Coaching of test engineers
- Moving the facility to a new location and setting up a co-operation with a partner for running the new Light Duty chassis dynamometer facility

Parallel to this responsibility, also project leader of the new built of a unique Heavy Duty vehicle powertrain test facility in a climate and altitude chamber, including the following activities:

- Determining and updating specification and planning with the main contractor and subcontractors
- Updating management board on financial and time schedule status
- Responsible for TNO deliverables during the new built project

Sep 2005 – Feb 2007

TNO Science & Industry, business unit Automotive, department Powertrains, Delft, The Netherlands**Test Engineer**

- Performing and reporting emission tests on Heavy Duty and Light Duty vehicles on a chassis dynamometer

- Maintenance of measurement equipment and calculation methods
- Shared project leading for public and private sector clients
- Translating test procedures described in European legislation to manageable test descriptions

EDUCATION AND TRAINING

Sep 2003 – July 2007

Bachelor of Automotive Science (BSc) (CUM LAUDE)

Science applied in automotive industry, specialisation engineering and engines (emissions)

Hogeschool Rotterdam, college of automotive engineering, The Netherlands

PERSONAL SKILLS

Mother tongue(s) Dutch

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C1	C1	C1
German	C2	C2	C1	C1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication and team player skills gained through my experience as:

- Project manager and Business Development manager.
- Department manager
- Programme manager

Organisational / managerial skills

- IPMA-C certified (2011) Project Manager
- Good experience in project management, programme management, people management and leadership, gained as project manager / team leader / department manager in a both a technical and consulting environment. Experience in setting up and maintaining quality systems and project management processes. Good experience with financial and operational management of on department level. Strategic planning of knowledge, market and group development.

Job-related skills

- New business development
- Relationship and account management
- Operational and HR management
- Relationship and account development
- Project management in international context
- Proposal/bid development and drafting
- Research / Analysis / Reporting
- Transition management
- Programme management
- Financial management
- Preparing and performing exhaust gas emission tests on LD, HD and L-category vehicles and engines
- Facility building and setting up the maintenance and safety plans for facilities
- Car mechanical and repair activities
- Broad technical knowledge and interest in transport and vehicle technology
- Good command of Microsoft Office tools (Word, Excel, PowerPoint, Project)
- Basic knowledge of Matlab, Autodesk Inventor, Corel Draw, Photoshop, Visual Basic, HTML and C++ programming. And basic knowledge of website building and design

ADDITIONAL INFORMATION

- Honours and awards**
- Bachelor thesis was nominated for Kivi Niria Spykerprijs (2007)
- Other activities**
- Cars (mechanic/maintenance and restoration/heritage)
 - Member of the voluntary Fire Brigade in Stolwijk since April 2019
 - House building and renovating: Renovation of our house, a farm dating from 1911, and building an in-house a Bed and Breakfast during 2014-2020 and building a Classic Car showroom since 2020
 - Co-owner together with my wife of our Bed and Breakfast "De Hostee" since 2019
 - Co-owner together with my wife of Picknickbakfiets.nl (picknick-bike-rental) since 2013
 - Co-owner at Classic Car Farm B.V. since January 2019
 - Owner at MrSparx B.V. since January 2019
 - Co-owner of Classic Miles, a classic car rally in Europe with a report on RTL4, since 2020
 - Furniture design and manufacturing
 - Singing and acting
 - Chair of the "oranje"-society in the village Stolwijk since 2017 (member since 2016)
 - Member of the Advisory Board of the Hogeschool Rotterdam, college of automotive engineering since 2013
- Driving lincense**
- Category B, C and T (passenger car, truck, tractor)