

**CURRICULUM VITAE**

<b>Born Status</b>		1952	IJsselstein, the Netherlands Married, three children ('84, '86, '88)
<b>Education</b>	Technical University Delft Bachelors	1971 1977	Civil Engineering Applied mathematics and physics Structural design steel and concrete Traffic and transportation technology Spatial development and planning
	Masters Civil Engineering (Ir)	1979	Coastal engineering (applied wave dynamics) Innovation of concrete shell structures
	Massachusetts Institute of Technology	1984	Special Programme Urban and Regional Studies
	Open University the Netherlands	1995	Introduction Macro Economy
	Groningen University/ Academy for Public Management	1996 1998	Monetary policy and monetary unions Development of complex infrastructure
<b>Languages</b>			English, well; Indonesian, fair; French, fair; German, fair; 中话 (Chinese, learning)

The first branche of activity is water-energy at micro level: the promotion and exploration of the phenomenon of 'watergas' (HHO or Brownsgas). Pompe is founder of the Watergas.NU Foundation, a platform for the watergas sector (see [www.watergas.nu](http://www.watergas.nu); contact: [caspar.pompe@watergas.nu](mailto:caspar.pompe@watergas.nu))

*This watergas is not hydrogen gas nor steam. It has it's own charateristics. Watergas is used in the automotive sector to reduce emissions drastically. Besides, it has a wide array of applications in several branches of industry. Since watergas is relatively unknown, little scientific research has been done and markets are still small. Scientifically watergas has many hidden features, probably in the realm of quantum physics. In a phenomenological study on watergas and 'zero-point energy', Pompe explains his view on this amazing gas.*

The second branche of activity is water-energy at macro level; water management in the Rhine Meuse Delta. Pompe is co-founder of WaterMotor.EU, a platform for public-private partnership projects in which water and energy is at stake. (see [www.watermotor.eu](http://www.watermotor.eu)). Recently Pompe co-founded the Aansluitdijk development company (see [www.aansluitdijk.nl](http://www.aansluitdijk.nl); contact: [pompe@aansluitdijk.nl](mailto:pompe@aansluitdijk.nl)) .

*In the vision of Mr Pompe the Water Network and the Energy Network should be linked. Thus, both networks are mutually stabilised. Flow peaks – either in water discharge or in electricity – can be leveled out, saving tons of CO2-emissions.*

Before starting his consultancy 'Pompe-Advies' (November 1st 2010), Pompe has worked for 14 years at Rijkswaterstaat, the Dutch national public works agency, responsible for water- and traffic management at several posts. Projects in the fields of innovation, in strategic policy and in multi-mobility management.

Multi-mobility was a favorite subject during his work at the National Railway Company for 7 years (transport branch; specification of infrastructural requirements for transport logistics).

Pompe started his working career as international consultant in Iran (harbour construction). After receiving his masters degree in civil engineering, he became an consultant, first in Indonesia (rural water supply and institutional development) and later posted in Pakistan. During this period he became interested in macro-economics and regional development planning. He has deepened his insights in these fields at MIT in the USA and later at Groningen University and the Open University in the Netherlands.

The red thread in his work is innovation, interest in macro-economy and (meta)physical phenomena of water.

## WORK EXPERIENCE

2010 – current	Consultant at Pompe-Advies Co-founder Watergas.NU Foundation Co-founder of WaterMotor.EU and Aansluitdijk BV
2004 - 2010	Senior Advisor/policy advisor at Rijkswaterstaat <ul style="list-style-type: none"><li>• Section for Traffic Management and Innovation Management</li><li>• Section Mobility Management</li><li>• Regional Agency Utrecht (large projects and strategic policy)</li></ul>
1997- 2004	
1991- 1997	Section head Development at Dutch Rail Co (NSR) <ul style="list-style-type: none"><li>• Regional section North Eastern Region</li></ul>
1991	Free-lance a.o. World Health Organization.
1986- 1991	Senior Consultant at Royal Haskoning International
1985- 1986	Senior Consultant at IWACO (Int'l Water supply Consultants)
1980- 1984	Project Engineer at Ministry International Cooperation,
1979-1980	Project Engineer at IWACO
1979	Staff at Technical University Delft <ul style="list-style-type: none"><li>• Center for Appropriate Technology</li></ul>
1977	Construction Supervisor at Royal Haskoning International <ul style="list-style-type: none"><li>• Shah Bandar Abbas Harbor Project,</li></ul>

## SPECIAL FUNCTIONS

2001- 2008	President Foundation Open-Air Theatre 'Tweestromenland';
2001- 2002	Candidate National Parliament for 'Leefbaar Nederland';
1997- 1999	President Rotaryclub Wijchen Beuningen Tweestromenland;
1992- 1998	Secretary/VP local Christian Democrat Party (Comm. of Heumen);
1987- 1988	Secretary Holland Habitat Consultants (2 periods);
1985- 1986	(cooperation of 20 consulting firms);
1973- 1979	Co-editor of "Vraagbaak", TOOL-foundation (part-time).
1973- 1975	Member University Counsel Technical University Delft, Budget Commission.

## LONG STAY MISSIONS

1989-1990	Pakistan	Quetta Sewerage and Sanitation Project.
1980-1989	Indonesië	Projects on rural water supply and sanitation .
1977	Iran	Shah Bandar Abbas Harbour Project.

## SHORT MISSIONS

Belarus, U.S.A., Congo, Burundi, India.

## PUBLICATIONS

Subjects: Watergas, Zero-point Energy, Public Private Partnership, 'Service Providers Mobility'. Appropriate technology.

## MEMBERSHIPS

Koninklijk Instituut van Ingenieurs, Rotary Club International

## AWARDS

Betonprijs 1985 (Nederlandse Beton Vereniging), honorary award design and construction of ferrocement water towers in Indonesië; NRC-prijsvraag Second National Airport 1997 honorary award; Cost effectiveness competition Rijkswaterstaat (bridge project); Innovation competition Rijkswaterstaat Utrecht 2002, 2<sup>nd</sup> price; Waterbouwdag Congress 2013, 2<sup>nd</sup> price for 'De Aansluitdijk'.

## LEASURE

Macro-economics, classical choir singing, art painting.