



## **CURRICULUM VITAE**

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Name of Firm : Schoeman & Vennote Consulting Engineers  
Name of Staff : **SCHOEMAN, HENDRIK NICOLAAS**  
Profession/Specialisation : Civil Engineer  
Present Position : Managing Director  
Date of Birth : 1952/05/19  
Years with Firm : 30 years  
Nationality : South African

### **Key Qualifications:**

Mr Schoeman has 40 years of experience as a civil engineer specialising in irrigation, water entitlements and land use. He has extensive experience in the assessment of water rights, irrigation requirements (including the use of SAPWAT) and agricultural land use development, including the use of remote sensing methods. He has a wide variety of project planning and implementation experience for emerging farmers and large-scale irrigation projects, gained both on project sites as well as in head office situations. His knowledge of and experience in irrigation has led to his direct involvement in the development and implementation of the National Water Act of South Africa.

### **Education:**

1975 BSc Eng (Civil) Hon, Univ of Pretoria, South Africa  
1973 BSc Eng (Civil), Univ of Pretoria, South Africa

### **Membership in Professional Societies:**

- Registered Professional Engineer (770318 – 7 November 1977) with Engineering Council of South Africa
- Member, South African Institution of Civil Engineering
- Fellow, South African Irrigation Institute

### **Experience Record:**

**1983 to date** HN Schoeman & Vennote, Brits, Managing Director  
**1981 - 1983** Corporation for Economical Development (CED), Pretoria, Manager - Agricultural Engineering division  
**1977 -1981** Zebediela Estates (employed by the CED), Polokwane, Estates engineer  
**1974 -1977** Department of Water Affairs plus post-degree studies

### **Relevant projects:**

**1994** Scheerpoort Water Court case: Expert witness on behalf of Water Affairs for water apportionment.  
**2001 to date** Validation and verification of existing lawful water use in the Vaal River system. Includes the development of processes and procedures required for this task.  
**2007 - 2009** Validation of water use in the Crocodile-Marico Water Management Area.  
**2008 – 2009** Validation of water use in the western block of the Limpopo Water Management Area. Includes the training of other consultants and departmental officials.  
**2001 to date** Development of regulations for the metering of water used for irrigation.  
**2000 to date** Development of computer models for the generation of inputs into departmental hydrological model and also the long term analysis of irrigation requirements and the assured yield of farm dams.