



## PROF. DR.-ING MOHAMED SHAHIN

### Key Experience and Background

Dr. Shahin has over 27 years' experience in Transportation Consultancy, Research, and Training & Education. He was involved in more than 180 transport consultancy projects with Roads & Transport Authority (RTA Dubai), Dar Group (Beirut, Cairo, and London), as well as with a number of German, Egyptian and Saudi consultants. Dr. Shahin has a strong background in transportation Modelling and Planning and he is Certified Trainer for PTV VISUM and VISSIM.

He published more than 40 journal articles & conference papers, taught more than 26 specialized transport academic courses, designed & delivered more than 45 training courses to professionals/senior managers from Egypt, Saudi Arabia, Kuwait, and Bahrain.

His 27 years expertise includes: Transport planning, Transportation Modelling, Public Transportation Planning and Design.

Fully acquainted with implementing VISUM, VISSIM, EMME/2/3, TransCad, Saturn, aa-Sidra, SYNCRO and HCS+ Modeling.

#### Profession

- Transportation Planning and Modelling Expert

#### Qualifications

- 2008 - Professorship in Transportation Planning and Modelling
- 2001 – Ph.D. Transportation Planning and Traffic Engineering, Hanover University, Germany.
- 1997 – M.Sc. Transportation Engineering, Faculty of Engineering, Alexandria, University, Egypt.
- 1992 – Bch. Civil Engineering, Alexandria University, Egypt.

#### Memberships

- German Engineers Syndicate
- Egypt Engineers Syndicate.
- Saudi Council of Engineers.

#### PTV VISUM and VISSIM

- Certified Trainer no. 090 for PTV VISUM and VISSIM.

#### Areas of Expertise

- Transport Modelling
- Transport Planning
- Traffic Engineering
- Public Transportation
- Intelligent Transport Systems
- Traffic Safety

### Professional History

- **2007-Present:**  
Director, Consultant Group for Civil Engineering “CGCE”, Egypt and KSA.  
Co-founders and Managing Director of TRAPLAN – Germany.
- **2008-Present:**  
Professor, Transportation Planning and Modelling, Alexandria University, Egypt.
- **2010-Present:**
- **2004-2008:**  
Principal Transportation Planning Engineer, Dar Al Handasah, Egypt.
- **1998-2004:**  
Senior Transport Engineer, Hanover University, Germany

### Key Projects

- Strategic Master Plan and Building Bahrain Transport Model, Bahrain;
- Greater Cairo Integrated Transport Master Plan and Transportation Modelling Assessment, Egypt;
- Cairo Festival City – Smart Parking Application, Egypt;
- Holy Mecca Strategic Master Plan for 2050, KSA;
- Transportation Master Plan Modelling, and ITS application for KEC in Madinah, KSA
- Transportation Master Plan Modelling, and ITS application for Khiran City, Kuwait
- Transportation Master Plan Modelling, and ITS application for Jeddah Ring Roads, KSA
- Transportation Master Plan, Modelling, and ITS application for 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, Al-Ghouse, Fahahil Roads, Kuwait
- Road Network Upgrading, Traffic Safety Assessment, and ITS applications for Petro Rabigh, KSA.