

Name	BLINGE, Magnus
Profession	Director for Chalmers Area of advance Transport, Ph.D. in Logistics and Transportation.
Marital status	Two children 19 and 15 years old. Living with Helen Andréasson and two bonus children, 10 and 8 years.
Date of birth	22 November 1963
Nationality	Swedish

KEY EXPERIENCE

Dr. Magnus BLINGE has since May 2010 worked as Director for Chalmers Area of advance at Chalmers University of Technology. The areas of advance represent a field of strength at Chalmers on all 3 sides of the knowledge triangle; research, education and innovation, crossing scientific borders that impede progress. Between 2007 – 2010 he worked at VINNOVA – Swedish Governmental Agency for Innovation as Head of the Transport Department. Dr. Blinge was Branch Manager at TFK – Transport Research Institute from 1998 to 2005, responsible for developing the business area Environmental Logistics. He has also been project manager for several national and EU-project in the field of Logistics and Environment. From 2005 to 2007 was Dr. Blinge employed as senior consultant at Transek AB/WSP Analysis & Strategy. He graduated with M.Sc. in Mechanical Engineering 1989, and with Ph.D. in Industrial Engineering 1998. (Title: Energy Logistics Modeling – Environmental assessment of Fuel Supply Systems for Vehicle Fleets). He is an expert in Environmental Logistics and Life Cycle Assessments on transport systems and motor fuels. Dr. Blinge also worked as Research assistant at Chalmers University of Technology from 1998 and is still employed. He developed and is examiner for two courses in the master's degree programmes at Chalmers in the field of Environmental logistics.

EDUCATION

1990 – 1998	Ph.D in Logistics and Transportation, Industrial Engineering, Chalmers University of Technology
1984 - 1989	M.Sc. in Mechanical Engineering, Chalmers University of Technology

EMPLOYMENT

2010 -	Director Area of Advance Transport, Chalmers
2007 - 2010	Head of Transport Department at VINNOVA
2005 - 2007	Senior Consultant, Transek AB /WSP Analysis and Strategy
2000 – 2005	Branch Manager, TFK – Transport Research Institute
1998 – 2000	Researcher, TFK – Transport Research Institute
2006 -	Associate Professor, Chalmers University of Technology
1998 - 2006	Research assistant, Lecturer, Chalmers University of Technology

LANGUAGES

Swedish	Mother tongue
English	Excellent
German	Fair knowledge
French	Phrases

SELECTED PROJECTS**YEAR PROJECT**

- 2006 **Sustainable Transport and logistics - CPM**
Project leader for a task within the competence centre "CPM – Centre for environmental assessment of product and material systems". CPM is a cooperation between Chalmers University of Technology and 11 larger companies active on the Swedish market. (IKEA, Stora Enso, ABB, Akzo Nobel, Bombardier, ITT Flygt, Schenker, Duni, Tetra Pak, SCA). The aim of the task is to produce relevant basic data for developing strategies and form activities for the companies in their work towards a sustainable transport and logistic system.
Reference: Peter Lysell, CPM, +46 31 772 56 40
- 2004 **PUFF-T**
- (Synthetic gasoline and diesel oil produced by Fischer-Tropsch Technology -
2006 A possibility for the future?) A compilation of present experiences and knowledge of environmental- and technological aspects of the production and use of synthetic fuels in vehicles.
Reference: Claes Pilo, secretary for EIA-AMF, +46 8 15 11 90
- 2002 **TELLUS**
- (Transport & Environment aLLiance for Urban Sustainability). Project leader
2006 for TFKs part of this EU-project. Also Work Package Leader for " New Concepts for Distribution of Goods". TFKs project is called Incentives for improving the load factor of inner-city freight transport.
Reference: Anders Roth, Trafikkontoret Göteborg, Sweden +46 31 61 37 03
- 2003 **BEACON**
- (**B**uilding **E**nvironmental **A**ssessment **C**onsensus on the transeuropean
2005 transport network) EU commission Thematic network. Its main objective is the establishment of an effective platform for the harmonisation of approaches, methodologies, tools and data sets to be used in the strategic environmental assessment of transport infrastructure of the transeuropean network identified in decision 1692/96/EC, and to contribute to the adoption of SEA best practice across Europe.
Reference: Andrea Ricci, ISIS, Italy +39 0636 129 20
- 2002 **ECTOS**
- (Ecological City TranspOrt System). Acting as project leader for Vinnova in
2005 this EU-project. ECTOS is the title of a demonstration project based in Reykjavik, Iceland. The project is a real scale demonstration that focuses on testing all the parts needed to run a public transport system using hydrogen as a fuel for running fuel cell buses. Vinnovas part in this project is to assist in the evaluation of the environmental, social and economic consequences of implementing such system
Reference: Carl Naumburg, Vinnova, Sweden +46 8 437 31 72
- 2000 **SAIL**
- (Semitrailers in Advanced Intermodal Logistics). Project leader for TFKs part
2002 of this EU- project. The aim with the project was to improve the prerequisites for transporting semitrailers on railroad and by that increasing the Intermodal Transports share of the European market.
Reference: Malcolm Lundgren, Banverket , +46 243 44 54 74
- 1997 **NTM**
- Participating in the work of developing a methodology for calculation of
2007 emissions from freight transport. Another task in the NTM cooperation was to suggest LCA data for motor fuels. *Reference: Magnus Swahn, NTM , +46 706 43 19 65*

SELECTED PUBLICATIONS

Paper presented at the conference NGV-94, September 1994, Toronto, Canada: The energy logistic model - Emissions, energy- and exergy utilisation from source to end use. (Magnus Blinge)

Paper in the international journal "the Science of the Total Environment", Vols. 189/190, October 1996: Life cycle assessment of the road transport sector (Eriksson E, Blinge M & Lövgren G)

Paper presented at the conference ISATA-96, July 1996, Florence, Italy: Total environmental impact from the freight transportation sector - a systems perspective (Blinge M & Lumsden K).

Paper presented at the conference WCTR-98, July 1998, Antwerpen, Belgium: Life-cycle Assessment of motor fuels - Present best available technology and a future scenario for Sweden (Blinge, Arnäs, Bäckström, Furnander, Hovelius).

Paper presented at the NOFOMA conference June 1999, Lund, Sweden: Logistics and the environment – Implications and strategy for Transport Companies. (Roth, Sjöstedt, Bäckström, Blinge)

Paper presented at the conference Urban Transport and the environment for the 21st century, July 2000, Cambridge, UK: Environmental performance and external costs when using different fuels to operate taxis in city traffic. (Magnus Blinge)

Paper in the scientific journal "Biomass & Bioenergy" Vol 24 (2003) 59-68, Air emissions from the fuel supply system of a Swedish CHP plant and the effects of stricter emission regulations. (Hansson P-A, Dahlin B, och Blinge M)

Paper presented at the conference ATRS-03 (Air Transport Research Group), July 2003, Toulouse, France, Cost Effective Measures to Reduce CO2 Emissions in the Air Freight Sector (Magnus Blinge)

Paper presented at the conference LRN 2006, September 2006, Newcastle, UK, The importance of systematic dissemination of obstacles and failures in pilot actions in sustainable urban freight distribution (M Lindholm & M Blinge)

Paper presented at the NOFOMA conference June 2007, Reykjavik, Iceland: Inner-city night distribution – an analysis of timesaving potential and environmental impact. (M Blinge, S Franzén)

ACADEMIC ACTIVITIES

1998 - Supervision of 6 PhD students, 3 graduated Lic Eng exams.
2001- Opponent at 5 Lic. Eng examinations.
2002- Member of the examination committee for 4 Ph.D. exams.
2007- Opponent at 1 doctoral dissertation

Pedagogic experience

1996 - Developed and been examiner for two courses in the field of environmental logistics in the Swedish and international Master programs at Chalmers.
1996- Several engagements as guest lecturer at Universities and at public lectures.
2003- Developed and held courses (1/2 to 2 days) for business enterprises.

OTHER MERITS

Awarded with ICHCA (International Cargo Handling Coordination Association) Sweden Transport Competence Award 1998.

Board member of NTM Nätverket för Transporter och Miljö (Network for Transport and Environment) 2003-2007

Board member of Vätgas Sverige (Hydrogen Sweden) 2009 –

Board member of TTF Forum för Logistik (Forum for Logistics) 2010 –

Board member of Victoriainstitutet (Victoria Institute) 2010 –

Board member of ASTA Active Safety Test Arena 2011 –