



## CURRICULUM VITAE



Jan Luxenburger  
Civil Engineer and road safety specialist  
Owner of Luxenburger Road Safety Ltd. since 2012

### Summary

Since my graduation as M. Sc. in environmental engineering, planning and technology assessment in 2002, I have been working my way through many aspects of the Danish Road Sector. In total, I have around 15 years of broad experience in managing roads. Based on my education, I consider roads and traffic solutions to be similar to many other technologies, in the way that solutions are often defined from political, financial, social and technical issues.

For the last 6 years, I have been leading my own consultancy business, focusing on safety and accessibility issues, but also working as a project manager on several smaller projects. My consultancy is a one-man-business, but I often use subcontractors to set up the right team for solving larger assignments.

My main focus always has been road safety issues: from black spot treatment to surveys of accident locations; as a project manager on various safety projects, including new intersections, roundabouts, campaigns and safety happenings in Danish Schools.

I am a skilled road safety auditor with 10 years of experience in this field since achieving my certification in 2008. At present times I conduct between 50 and 70 audits and inspections a year (typically 1 – 2 audits per week), plus several accessibility audits. Skills from former employments in road maintenance and present experience from the Danish AIB and national statistics of fatal accidents, proves an excellent platform for making road projects not only safer, but also well-functioning and maintainable.

My personal qualifications count a good sense of humor, the ability to keep calm and to communicate with most kinds of people; being citizens or CEO's. My spare time is spent spoiling 2 girls aged 9 and 12, guitar playing, arranging a small annual music festival, and keeping as fit as time allows.

### Education

Master of Science in Engineering, Technical University of Denmark 2002 • Road Safety Auditor 2008 • Accessibility Auditor 2010 • Project Management 2010 • Road Safety Inspection 2010

### Employment

Green Guide, Copenhagen (sustainable development of urban areas, Agenda 21 project) 2000 – 2001 • Viborg County, road maintenance (pavements and road markings) 2002 – 2007 • Viborg Municipality 2007 (Road safety and maintenance) • Danish Road Directorate 2007 – 2012 (Road safety, project management)

## Selected references from Luxenburger Road Safety

**Road safety audits and inspections:** road safety audits and inspections level 1-5 of 325 projects, e.g. New Storstrom Bridge levels 3 – 5, CONTECO (ongoing) • New bike routes in central Copenhagen (including accessibility), Municipality of Copenhagen 2018 • RSI of safe routes to school, Ho Chi Minh City, World Resources Institute 2017 • Saigon BRT Corridor draft and detailed design and signal design, World Resources Institute 2016 – 2017 • RSI of urban roads in central Bangkok, World Resources Institute 2016 • Inspection of traffic guidance system of the Limfjord Tunnel, Danish Road Directorate 2016 • New motorway Herning – Holstebro, Danish Road Directorate 2013 - 2016 • Safety improvement of access to schools in Kgs. Enghave, Municipality of Copenhagen 2015 (including bus priority lanes and accessibility audit) • Safer cycle paths in Gothersgade and Holbergsgade, Municipality of Copenhagen 2014 / 2015 (including accessibility audit) • Road Safety City of Esbjerg, Rambøll 2015

**Accessibility audits:** audits level 1 – 5 of 42 projects, e.g. New bike lanes and footpaths in Svogerslev, Roskilde Municipality 2018 • New housing development I Roskilde, Roskilde Municipality, 2017 • Capacity improvement at Dybbølsbro, Copenhagen, Grontmij 2015 • Svendborg City Center, municipality of Svendborg 2013/2014 • Urban development of Nordhavnen, Copenhagen, MOE 2014.

**Road Safety Engineer for the Danish Road Traffic Accident Investigation Board (AIB)** – investigations of accidents in various categories in a team of engineers, Danish police, crash investigators, psychologists and doctors, i.e. accidents with pedestrians, motorcyclists, trucks or e-bikes and mopeds.

Surveys of locations, technical assessment of accident locations, road safety data analysis and overall accident statistics in selected categories (2012 - 2017).

**Investigation of fatal traffic accidents:** road safety analysis and database registration regarding 80 fatal accidents for the project of national statistics of fatal accidents, based on crash analysis, police reports and surveys of accident locations, Danish Road Directorate 2013 - 2015

**Road Safety:** Guidebook on LED billboards and road safety, Danish Road Directorate 2018 (ongoing) • Guidebook on Accident theme analysis and analysis of hazardous road sections, Danish Road Directorate 2018 • Traffic safety measures in New infrastructure Project, city of Loeget, Vejle Municipality (ongoing) • Analysis of rear-end and merging collisions with trucks, Danish Road Directorate 2016 • Safe access to International School of Billund, Billund Municipality 2014 • Safety aspects of district plans regarding new supermarket in Billund 2015 • Kiss + Ride and parking facilities at International School of Billund, LEGO 2016 • Guidelines for the safe maintenance and reconstruction of road shoulders, Danish Road Directorate 2014 • Road safety analysis of national road corridors through 10 towns and villages, Danish Road Directorate 2014 • Guidelines for the use of milled rumble strips, Danish Road Directorate 2013 • Testing of and input to the national Black Spot Database, Danish Road Directorate 2013 • In-car camera analysis of driver behaviour, Danish Council of Road Safety, 2013

**Project management** of 4 urban traffic projects, Billund Municipality (ongoing) • New guidelines for development of long combination vehicle corridors, Danish Road Directorate 2013 – 2014 • Evaluation of new guidelines for long combination vehicles, Danish Road Directorate 2014

## Publications

**Håndbog I analyse af grå strækninger og temaanalyser (Guidebook on Accident theme analysis and analysis of hazardous road sections).** Published in Trafik & Veje (Danish magazine on roads and traffic), March 2018)

**Kogebog for rabatsanering** (Guidebook on safe maintenance of roadside areas and shoulders), issued in Danish Road Design Standards, 2016

**Videodetektering af højresvingsulykker ved brug af RUBA** (video-based analysis of right-turn conflicts based on RUBA – Road User Behaviour Analysis. Published in Trafik & Veje, March 2016

**Kogebog for rumleriller** (Guidebook on rumble strips), issued in Danish Road Design Standards, 2013

**Smidiggørelse af virksomhedsordningen for modulvogntog** (new guidelines for developing road networks for long combination vehicles). Published in Trafik & Veje, March 2014

**KIG – ny teknologi i nyskabende trafikikkerhedsindsats** (new technologies in road safety campaigns – in-car spycameras). Published in Trafik & Veje, February 2012

### **Other activities**

**Workshop on driver behavior and theme-based road safety work, Shanghai.** World Resources Institute, 2018

### **Memberships**

**Danish Road Design Standard Board**, Urban Areas standardization group (2016 – ongoing)

**Nordic Road Association (NVF)**, private sector member (2015 – ongoing)