

CURRICULUM VITAE

Proposed position in the project: Senior Advisor

- 1. **Last name, first name(s):** Paulsson Björn S
- 2. **Home address:** Höganäsgatan 1A, Uppsala/Sweden
- 3. **Date and place of birth:** 450329 Stockholm/Sweden
- 4. **Nationality :** Swedish
- 5. **Education and relevant training:**

Institute [from (date ¹) - to (date)]	Title or certificate obtained:
University of Lund 1970-1974	M Sc in Civil Engineering
University of Stockholm 1967-1970 and 1976-1979	Study in maths, fysis, IT and Economy
University of Luleå 2010	PhD (h.c.)

6. **Linguistic skills:** Indicate the skill level on a scale between 1 and 5 (1 - excellent; 5 – basic knowledge)

Language	Reading	Speaking	Writing
Swedish	1	1	1
English	1	1	1
German	3	4	
French	5	5	

7. **Membership of a professional organization:**

Academy of Honorary Doctors at Luleå University of Technology

8. **Number of years of experience in the field of structures and railways:**

44 years of experience of which 26 years were directly for an Infrastructure Manager and UIC Specialization (e.g.: inspection, maintenance, code writing, organisational structure ...) in the area.

1974-1990 design work with focused on civil engineering constructions (bridges, nuclear power plant, chimneys and more). Lead a department with focus on special design using CAD and FEM.

1990-2006 head of department for Track and Structures at Banverket Headquarter with three main tasks namely all codes in the area, special railway support to Banverket and R&D

2006-2012 responsible for track and structures at UIC Paris and leading several EU-projects

2012-2016 leading and promoting EU-projects

2016- Senior researcher and advisor

9. **Specific experience in geographic regions:**

Country	From (date) - to (date)
Sweden and international	06/1974 – 10/1990 Skanska
Sweden and	10/1990 – 09/2006

Europe and North America	
Europe and Asia	09/2006 – 10/2011 UIC
Europe	11/2011 – 06/2016 Trafikverket
Europe	07/2016- now Chalmers

10. Previous employment and professional experience

From (date) - to (date)	Place	Firm	Function	Description
06/1974 - 10/1990	Stockholm	SKANSKA	From new employed to head of special design group	Responsible for implementation of latest technology FEM, CAD and more
10/1990 – 09/1006	Borlänge	Banverket	Head of Track and Structure department at Banverket HQ	Responsible for codes, special railway knowledge and R&D in the area. Also leading several projects like upgrading of the Oreline
09/2006 – 10/2011	Paris	UIC	Responsible for Track and structures in Rail System Department. Also leading several EU-projects	Chagé de mission for track & structures, Coordination INNOTRACK, Mainline and D-RAIL
11/2011-06/2016	Borlänge	Trafikverket	Leadin and launching EU-projects	MAINLINE, D-RAIL, Shift2Rail, IN2Rail, Ccapacity4Rail ...
07/2016 - now	Gothenburg	Chalmers	Senior researcher implementing R&D result and senior advisor	Result from D-RAIL, Capacity4Rail and IN2RAIL

11. Previous Project Experience

Coordinating and leading

INNOTRACK, MAINLINE and D-RAIL

Having an important role

Sustainable Bridges, Capacity4Rail, Shift2Rail and In2Rail

Involved in additional 15 EU-projects as head of department

Example of projects:

Several important Swedish bridges mainly post-stressed

Nuclear power plant Oskarshamn III

Upgrading of lines in Sweden to higher axle loads like the Oreline to 30 tonnes axleload