

The CV of Jacob Hessellund Madsen



Personal information

Name: Jacob Christian Hessellund Madsen

Address: Johanne Korchs Vej 63
4700 Næstved
Denmark

Date of birth: 12. juni 1950

Family: Married, 2 adult children, 2 children in law and 4 grand children

Mobile telephone: (+45) 2342 0095

E-mail: Jacob.Madsen4700@outlook.dk

Main professional skills

Substantial experience in project- and interdisciplinary management

Top management in a political controlled organization

Substantial science and analytical capacity

Transport- and physical (municipal) planning

Exercise of authority

Innovation and development processes

Communication and teaching

Work experience

2015-

Teaching and involvement in innovation activities at DTU Diplom

In 2015 hired as teaching assistant and external associate professor, but from mid 2016 hired as internal associate professor.

I am teaching in social skills, building physics/science, road construction and traffic management, landscape measuring and construction management.

Furthermore I act as project-advisor upon groups courseworks and students thesis and upon students work experience period.

From the beginning of 2018 I have taken part in an innovation project trying to uncover reasons why not effectively avoid the enormous waste of time and money within the building and construction processes.

2011-15

Project director, Egedal Kommune

Building of 18200 m² combined town hall (administrative and political center) and health-center. The construction was executed in a way, where the municipality reached agreement with a private company on constructing the building as described to a fixed date and to a fixed budget

on 330 mio. Dkr, incl. our own purchase. The budget and the schedule as well was respected.

Besides the construction-process I also had the responsibility for the mental and the physical movement-process and the putting-in-use process.

The project was organized with a project-group, a political and an administrative steering committee, a number of working groups and an Ad-hoc work council.

In addition external judicial, technical and architectural support was attached.

2014 Chief executive officer, Egedal Fjernvarme A/S (district heating)

The job included mainly the start-up of making the municipal central heating supply into a limited company, but also the conclusion of big planning and construction tasks characterised the period.

2012-13 Direktør, Egedal Kommune

Responsible for 3 centres concerning the subject areas of respectively A. planning, culture and business, B. technique and environmental matters and C. properties and internal service. Was in the same period responsible for the municipal central heating supply department, and concluded the period by making a new strategy for the municipal properties, making the municipal central heating department into a limited company and chaired the EU-project Class1 .

As a member of the executive committee I was jointly responsible for a coherent organizational development process, inclusive a new ethos, a new organization and principles for a new city hall.

2007-12 Chief technical officer, Municipality of Egedal

Responsible for 2 centres concerning the subject areas of respectively A. planning and properties and B. technique and environmental matters.

Operated in periods as fire chief, chief of the technique and environmental centre and chief executive during the start-up of Egedal Forsyning A/S (water and sewage supply company).

2005-06 Chief executive officer, NK-Holding A/S (electricity supply)

Especially changing the electricity-supply department from being a municipal department to a limited company, in the beginning owned fully by the Municipality of Næstved.

1996-06 Chief technical officer, Municipality of Næstved

On a daily basis chief executive of the whole municipal technical area, incl. central administering and public authority exercising departments (e.g. roads and transportation, municipal planning, water and sewage supply, waste handling, energy, properties, building and environmental matters) and the external departments Næstved Port, The Fire Brigade, The Roads and Parks operational department and the Electricity-, Water- and Sewage-supply department.

Main tasks: Opening the former piped river, Susåen, incl. construction of a new parking-area, shaped as an ellipse, construction of a new bridge for cyclist and pedestrians over the tracks near Næstved Railway Station and the introduction of the so called dialog- based planning method, among others successfully used in the development proces of Næstved Barracks.

1991-95 Director of the road department, City of Copenhagen

Responsible for a subject area with about 800 employees and a turnover on about 0,5 mia. Dkr. pr. year.

Main tasks: Kalkbrænderihavnsgade, Amagertorv, Skt. Hans Torv and Rådhuspladsen. Participated the start-up of the so called "Bydelsforsøget". The project tested the opportunities in giving some authority to local parts of the city.

1990-91 Chief engineer, Municipality of Roskilde Kommune

On a daily basis responsible for a road-administrative department, a road-operation department and a department, designing road, traffic and sewage plants.

1985-90 Deputy chief technical officer, Municipality of Lyngby-Taarbæk

In periods responsible for operation of the whole technical area within the municipality.

1984-90 Head of department, Municipality of Lyngby-Taarbæk

Leader of the department, responsible for designing and construction of roads, traffic and sewage plants.

1981-84 Section leader, The Danish Road Directorate, Laboratory of Road And Traffic Data Treatment

Leader of the section in the development department, concerning traffic, which besides development of computer programmes for analysis of traffic- and accident-data also performed research in traffic management skills, among these environmental priority through trades in small cities.

1978-84 Research and development engineer, The Danish Road Directorate, Laboratory of Road and Traffic Data Treatment

Development of computer programs for analysis and calculation of data concerning traffic and traffic accidents. Among other things transportation modelling , analysis of road networks and the so called "coordinated traffic accident statistics", combining road and traffic data and accident data for appointment of hot spots on the network characterized with statistically too many accident.

1976-78 Consultant by Peter Mathiesen A/S (advising in operations analysis)

Primary employment was documentation works and further development on an existing computer program for analysis of data from traffic accidents. A smaller project was done for the big Danish newspaper Berlingske

Tidende. It concerned logistic planning.

International work experience

- 2005-06** **Conductive official of the representation from Næstved Kommune**
in the EU-project "**SE**curity and **TR**ust **I**n **C**ities" (SETRIC).
- 2007-14** **Conductive official of the representation from Egedal Kommune**
in and chairman of the EU-project "**C**ost-effective **L**ow-energy **A**dvanced and
Sustainable **S**olu**1**ions" (CLASS1).

Education

- 1974** **Master of science (civ.engeering), Technical University of Denmark**
Academic focus: Urban and transport planning, operations analysis
Thesis: Deep analysis of traffic accidents in two big crossings.
- 1975** **Lieutenant of the reserve, Danish Emergency Management Agency**
Academic focus: Leading a company, educational planning.
- 1985** **Diploma (organisation), Copenhagen Business School**
Academic focus: Understanding and developing organizations.
Thesis: The development of the cooperation in a group of leaders.

Jobs of trust related to work

- 1994-06** **Member of the traffic management committee,
The Danish Union of Municipal Chief Technical Officers**
- 1998-06** **Chairman of the committee**
- 2001-07** **Member of committee of organizing the road sector,
NVF (The Nordic Union on Roads Construction and Management)**
- 2005-15** **Member of The Danish National Advisory on Road Safety**
- 2007-15** **Member of the board of VEJ-EU, (Continuing Education in The Road
Sector)**
- 1984-22** **Disposed censor within the danish university teaching programs,
civil engineering**
- 2010-15** **Chairman of the censors, operating within the civil engineering
teaching activities at Center for Bachelor of Engineering Studies,
DTU Diplom**
- 2007-12** **Member of the advisory board, The civil engineering department,
DTU Diplom**
- 2003-11** **Member of the steering committee of Vejportalen.dk,**
The purpose was creating a digital platform for road and traffic information.
- 2001-11** **Member of the committee of representatives of Vejforum ´**
An annual conference within the danish road sector. I was one of three
initiators and had the honour to be the chairman three times.
- 2004-06** **Member of SAMKOM**
A board of experts, composed by The Danish Road Directorate and
the municipalities for developing the road sector in Denmark.
- 2017-20** **Member of the competence-committee, Nordisk VejForum (NVF)**

The committee is composed of representatives from private and public companies and teaching institutions, all have relations to the road sector.

Languages

- English:** Read, understand and speak the language above average.
- German:** Read and understand the language, but speak it below average.
- French:** Read, understand and speak the language below average.

IT-kompetences

Can operate the Office-package and the digital case- and document-handling-system Acadre to the level, needed to the professional position.

Hobbies

- 1959-04 The Danish Scout Organisation, (DDS)**
- Including being member of the national executive committee, participation in education (leadertraining) and participation in exercising the international relations within the scoutmovement, worked e.g. in a period as the international commissioner of the danish scouts.
- 2017- Member of the board of The Pindstrup-fund, chosen by DDS**
- The purpose of the fund is to support handicapped children and their families, among other things by offering participation in weekends and holidays. The means comes from operation of 3 big coursecenters.

Other free-time activities:

House and garden in Næstved, cottage in Odsherred (old and timbered, located in a big garden), theater/opera, family, friends, hiking by foot or mountainbike, hunting, travelling and a good book.

References

I have references, which can be informed by agreement.