

# Stéphane GUEDON

Civil engineer with interest in long-term planning and sustainability

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As a Frenchman, I'm used to seeing things differently and contributing solutions out of the box.

However, I wish to participate and integrate further in Denmark.

**Versatile and solution-orientated** structural engineer with an interest in **sustainable construction**. I have a unique approach to construction projects, where I focus on both the final result as well as the process and the details of the construction.

I always seek **collaboration with my colleagues** and thrive in environments where I can contribute my ideas and listen to others' perspectives to achieve the best results.

## SKILLS

Structures	<b>Building and bridge design</b> , infrastructures, structural engineering and calculations, elasticity, plasticity.
Eurocodes	<b>Reinforced or prestressed concrete</b> , wood or steel construction calculations, soil mechanics, <b>basic seismic design</b>
Drawing	Drawing of concrete elements - form and reinforcements, <b>AutoCAD, Revit</b> , Impact concrete elements design, AdFer and Armacad.
Insulation	Thermic and acoustic insulation
Writing	Writing and technical description in high level. Problematics synthesis.

## EXPERIENCES

April 2024 to present	<b>Building engineer, RIVERNILE, Aarhus/Roskilde, Denmark</b> <a href="#">Rivernile</a> Writing of statical documentation for construction projects in concordance with SBI 271, using self developed $\text{\LaTeX}$ framework <span>statical calculations</span> <span><math>\text{\LaTeX}</math></span> <span>documentation</span>
July 2023 to present	<b>Building engineer - project contract, PANEL TRADE, Aarhus/Silkeborg, Denmark</b> writing of technical, control and conformity documentation for light building elements (sandwich elements) <span>calculations</span> <span>documentation</span>
March 2022 November 2022	<b>Construktion engineer, BRUNSGAARD, Herning, Denmark</b> <a href="#">Brunsgaard</a> Design and calculation of formwork and slabs supports <span>Revit</span> <span>temporary structures</span> <span>calculations</span>
April 2017 February 2022	<b>Technical designer in modul-building, DS ELCOBYG, Hobro, Denmark</b> <a href="#">DS Elcobyg</a> <a href="#">How to build with gigantic concrete bricks ?</a> <ul style="list-style-type: none"><li>&gt; Drawing and designing of buildings in various detail levels</li><li>&gt; Division of the buildings in individual elements</li><li>&gt; Drawing of the elements with their inclusive parts (reinforcements, electrics, pipes, etc)</li></ul> <span>AutoCAD</span> <span>Concrete</span> <span>Reinforcements</span> <span>Building</span> <span>Concrete elements</span>
December 2011 June 2013	<b>Decomissioning engineer, CEA - COMISSARIAT À L'ÉNERGIE ATOMIQUE, France</b> The CEA is the french public organisation in charge of nuclear research. It is currently facing dismantling its nuclear facilities with various constraints (urban sites, nuclear safety and sustainability, political difficulties). <ul style="list-style-type: none"><li>&gt; Inspection and structural analyse of the nuclear facilities buildings.</li><li>&gt; Writing technical reports about the state of the buildings of the Fontenay-aux-Roses nuclear facilities. These reports were to be read by top management and non-skilled persons.</li><li>&gt; Writing specifications for the end Civil Engineering studies, needed for the administrative decommissioning process.</li></ul> <span>AutoCAD</span> <span>structural analyse</span> <span>working across competences</span> <span>depollution</span> <span>nuclear safety</span>



French	●	●	●	●	●
English	●	●	●	●	●
Danish	●	●	●	●	○
Esperanto	●	○	○	○	○

AutoCAD	●	●	●	●	●
Microsoft Office	●	●	●	●	○
Revit	●	●	●	○	○
Dimension	●	●	●	○	○
FEM Design	●	●	○	○	○
Robot	●	●	○	○	○
ETX	●	●	○	○	○

## EDUCATION


2009 - 2011 Master of Science, Civil Engineering, Cergy-Pontoise University.  
2008 - 2009 Bachelor of Science, Civil Engineering, Cergy-Pontoise University.

## CONFERENCES / VOLUNTEERING AND FREETIME

### REPAIR CAFE AARHUS

 [Repair Cafe Aarhus](#)

Volunteering repairman (bikes and computer) from 2016, chairman from 2022

- > organisation / collaboration with  [Dokk1](#)
- > recruiting of volunteers

[repair](#) [reuse](#) [recycle](#) [sustainability](#) [planification](#)

### AARHUS BUESKYTTELAUG

 [Aarhus Bueskyttelaug](#)

Volunteer archery trainer, holding archery events for adults and children

### DET GRØNNE AKADEMI | GREEN TRANSFORMATION IN AARHUS AND DANMARK | 2023

 [Det grønne akademi](#)

The seminar gave inputs in the various aspects of sustainability, across all fields

- > economy, enterprise models (circular economy, leasing models, etc).
- > Live cycle analysis, CO2 calculations
- > enterprise process
- > Social sustainability

[sustainability](#) [urban planning](#) [long-term planning](#)

### 2017 | VINTERAKADEMI | THE SUSTAINABLE AND ROBUSTE CITY

 [22decembre.eu - Vinterakademi 2017](#)

This conference talked about which roles people (citizens, professionals, politicians) should contribute to a sustainable city. Focus was set on sociability, political debate and dialogue between communities, long-term urban planning and transport.

[sustainability](#) [urban planning](#) [long-term planning](#)

### 2016 | VINTERAKADEMI | CIRCULAR ECONOMY IN BUILDING.

 [Vinterakademi](#)

 [Circular economy in building ... or squaring the circle in the building industry ?](#)

The seminar gave inputs on sustainable building and/or renovation, from the start of design phase to dismantling, with focus on reuse and circular thinking.

- > Design methods to sustainability
- > actors' roles in a sustainable process
- > Working case about en building on Refshale island, in Copenhagen.

[repair](#) [reuse](#) [recycle](#) [sustainability](#) [planification](#)

## “ REFERENCES

**Jonas Søndergaard Lund**

Technical chef, BRUNSGAARD A/S

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**Jens Peter Nielsen**

Project leader / coordinator, DS ELCOBYG

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