

# 3D Design Specialist at Innargi A/S



Do you want to join a fast-growing renewable energy company powering the way to a greener future?

Would you like to help us build the best possible geothermal facilities, to supply our customers with stable, cheap and sustainable heat for the next 30 years or more?

Do you have experience with using 3D software to coordinate input from cross functional teams, to support a joint design phase?

If so, then this position with Innargi may be your match!

As 3D Design Specialist for Facility Solutions you will play a key role in coordinating the design and continual improvement of our production facility concepts. Initially seven are planned for Aarhus, while we currently have LOI's with more than 10 other cities.

Additionally, you will assist our project department during the tender and construction phase, to ensure that the design is being implemented as intended, and any improvements are included in the design for future facilities.

You will ensure that our process designs are continually kept up to date and build a catalogue of previous designs to be reused in future installations.

You will report to our Engineering Manager for Facility Solutions and join the Engineering team, with the overall responsibility of continually improving our geothermal facilities, while respecting our strategic focus on Standardization, Modularization and Scalability.

## Responsibilities

- 3D Design and drawing of future facilities including process equipment, building, ventilation, piping and main electrical pathways.
- Assist in structuring our work methods, to align with our strategic focus on Standardization, Modularization and Scalability.



- Continual optimization of our modularized prefabricated units, by implementing improvements and lessons learned from ongoing projects.
- Preparation of detailed P&ID's, both for the prefabricated units and facilities as a whole.
- Assisting our commercial team in preparing early visualizations for potential clients, as well as assisting in feasibility screenings for new facilities.
- Assisting the project execution teams during planning, design and construction as needed. This includes design updates as well as preparing documentation packages as needed.

### **Requirements include:**

- 7+ years of experience within the design of process facilities, preferably from the district heating, geothermal, oil and gas, energy, process industry or similar.
- Experience with 3D modelling tools for process design, for example AutoCAD Plant 3D or AVEVA E3D Design.
- Experience with creating and maintaining P&ID's
- Preferably a background in the process or energy industry.
- Analytical and structured mindset with an interest in optimization and continual improvement.
- Solution oriented, ability to identify and envision opportunities in complex systems.
- Interest in energy, passion for green transition.
- To succeed in this role, it is important that you are proactive and have a drive to succeed and the ability to work independently and in teams.

### **Background**

Innargi is a geothermal company delivering energy for heating, founded in 2017 by A.P. Moller Holding and today jointly owned by A.P. Moller Holding, ATP and NRGi. We have projects under development at different stages in Aarhus, Copenhagen, Holbæk, Skanderborg, Sønderborg, Poznan, Kiel, Flensburg, and Budapest.

We are a small entrepreneurial and highly energized organization. We work hard and we have fun doing it. As a team, we see our different backgrounds and experiences as a genuine source of strength, and we respect each other's technical and functional competencies.

Our structure is lean and flat. We believe strongly in value creation through empowering our employees, and you will have significant independence to impact your role, as well as be expected to collaborate across disciplines.

As Global warming continues to impact climate change, it's time to rethink the way we heat our urban buildings. Innargi wants to heat millions of urban homes while leaving zero impact on our planet by unearthing geothermal energy.



Our natural world is precious, and we can all make small changes to the way we live. But what our climate really needs is change at scale. Solar and wind have already transformed how we produce energy. What those technologies have done for electricity, geothermal can do for heating.

Innargi has the team to make it happen. With our combined knowledge and expertise on subsurface, drilling, engineering, and energy planning and through close partnerships with local district heating companies, we are in a unique position to turn ambitious plans into real change.

The position will be based in Lyngby with some expected travel to our operations in Aarhus and later, other locations.

Read more about Innargi at [www.innargi.com](http://www.innargi.com)

### **Application**

It is a requirement that you hold a valid residence and work permit for Denmark, as unfortunately we cannot sponsor or administer this.

**We look very much forward to hearing from you.**

**Deadline for applications:  
17 December 2023**

Please send your application to HR at [HR@innargi.com](mailto:HR@innargi.com).

We will conduct interviews on an on-going basis.

For questions or more information about the position, please contact Engineering Manager for Facility Solutions, Christian Vang Madsen at [Christian.Vang@innargi.com](mailto:Christian.Vang@innargi.com) or + 45 31 41 24 19.

For information about the recruitment process, please reach out to HR at [HR@innargi.com](mailto:HR@innargi.com).