SYPOX – Electrifying the Chemical Industry

As renewable electricity prices continue to fall, SYPOX electrifies chemical processes to capture both cost-saving and CO_2-emission-reduction. Replacing fossil fuels combustion with electric heating in existing hydrogen processes reduces CO_2 emissions, intensifies the processes with 100 times smaller reactors, and brings additional revenues to plant operators. SYPOX technology implementation in existing hydrogen plants has the potential to cut by 1.5 % the global CO_2 emissions.

SYPOX GmbH is a deep tech start-up coming from the Technical University of Munich. We are leader in the development of electrically heated chemical reactors.

To strengthen our team located in Munich, we are currently looking for a highly motivated

Chemical and Process Engineer

In this role your main responsibilities will be:

- Development and optimization of process schemes that integrate electrically heated reactors in process schemes for hydrogen, methanol, and ammonia production
- Capital cost estimation
- Techno economic analysis
- Designing equipment layout

Who You Are:

- A young chemical and process engineer who wants to join an international growing team
- Completed master degree or PhD in chemical and/or process engineering
- You like to work autonomously and have a proactive attitude towards agreed project goals
- Strong communication skills and organizational skills
- You are highly motivated to deliver results and daily challenges that will give the opportunity to both growths professionally and personally
- Working proficiency in English, German is considered as an advantage

What we offer:

- Competitive remuneration and performance-based benefits
- Exciting and varied working environment
- Team spirit and highly multicultural company
- Simple and flat organizational structure

If you are interested, please send your CV to info@sypox.eu.

SYPOX GmbH

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sypox.eu