

Join the Mission 0 House

A Global Call for *Postdoctoral Researchers* towards Zero-Emission Material Production

MISSION 0 HOUSE was created with One target in mind! A mission-driven, collaborative research arena in Gothenburg, Sweden, where scientists from academia and engineers from the industry can work side by side, in the same office, with One task, and One task alone: – to eliminate anthropogenic greenhouse gas (GHG) emissions at the chemical reactions level from materials, products and processes.

Now you can become part of a transformative journey towards a climate-neutral future with Mission 0 House. In this 100 million SEK 5-year industry driven research program, supported by Knowledge Foundation (KK-Stiftelsen) and leading industry partners, we're inviting passionate, curious and driven postdoctoral researchers from around the world to join us in our shared pursuit of a future with no GHG emission.

Research Areas

We are seeking ambitious postdoctoral researchers to drive cutting-edge advancements in sustainable material innovation across the following key areas, all developed without greenhouse gas emissions:

- **Biobased Chemicals** – Based in Sundsvall and Gothenburg - will open in January
- **Biobased Polymers** – Based in Karlstad and Gothenburg – will open in January
- **Metal Production** – Based in Jönköping and Gothenburg – [Postdoctoral researcher in zero emission metals \(https://ju.varbi.com/what:job/jobID:778033/\)](https://ju.varbi.com/what:job/jobID:778033/)
- **Super Sorting Recycling** – Based in Trollhättan and Gothenburg – will open in January
- **Sustainable Textiles** – Based in Borås and Gothenburg – will open in January



Mission 0 House: A Collaboration for Zero-Emission Material Production | *Connecting academia and industry across Sweden under one roof to revolutionize materials science and achieve a climate-neutral future. Join us on this transformative journey to eliminate GHG emissions at their source*

In collaboration with industry leaders such as Borgstena, Polestar, Sekab, and SSAB, you will gain valuable insights into real-world applications, contributing to technologies vital for a sustainable future. This unique postdoctoral opportunity splits your time between our dynamic Gothenburg hub and university labs, fostering both academic rigor and industrial relevance.

About the Opportunity

This 5-year program offers 10 postdoctoral positions, with an initial 5 postdoc offerings for the first 2-2,5 years as specified above for a start. The hybrid position involves spending time at Swedish Universities and at Mission 0 House's central hub in Gothenburg. There, you'll work closely with a network of experts and receive ongoing support as we expand our team and resources. You'll be among the first to join this impactful initiative, with unparalleled access to academic and industrial knowledge and a chance to shape both research and educational landscapes.

Why Join Mission 0 House?

Mission 0 House is unlike any other research environment. Our objective is to gather experienced and specialized scientists and engineers, all working side-by-side in a purpose-built space to tackle one of the most pressing challenges of our time: creating high-performance materials without GHG emissions. This unique research environment is not only about developing new technologies but also about fostering a co-production culture where knowledge flows seamlessly between academia and industry.

What We Offer

- **A World-Class Collaborative Arena:** Work in a dedicated space in Gothenburg alongside peers and leading engineers, enabling agile, hands-on collaboration across disciplines.
- **Industrial and Academic Partnership:** Experience a true co-production model that brings together Sweden's fastest-growing universities (University West, Jönköping University, Karlstad University, Mid Sweden University, and University of Borås) with top industrial partners.
- **A Long-term Vision and Immediate Impact:** You'll contribute to foundational research in areas crucial for tomorrow's sustainable materials industry, and your work will inform future educational programs and competencies in engineering education.

If you're passionate about advancing science in sustainable materials, committed to collaborative work, and excited about the chance to drive impactful change, we welcome you to apply. This is your opportunity to be part of something transformative—where scientific progress and industrial innovation meet to create a better world.