

## Creating algae-based packaging solutions

### **MATERIAS SCIENTIST**

Are you studying material science and interested in designing and ultimately conceptualizing sustainable materials and their applications? Would you like to work closely with a start-up company that is committed to eliminating plastic packaging?

The global momentum for a fundamental rethinking of our current plastics system is greater than ever. With increasingly stringent laws seeking to eliminate plastics and plastic packaging, even large companies are being forced to disentangle their economic growth from both environmental impact and resource exhaustion. More and more firms are turning towards bioplastics, which has put market penetration well on the way.

NORIWARE is on its way to becoming a sustainable, transparent and innovative startup. We aim to extract plastic from algae and other natural resources to solve the current plastic problem in a long-term and viable way. In collaboration with ETH and FHNW, we created a solution that is 100% bio-based as well as biodegradable, and morally justifiable. Our product at present still has considerable potential for improvement, which is why we are currently looking for an enthusiastic material scientist who offers the needed expertise and wants to join our team with the required knowledge in bioplastics, the use of state-of-the-art analytics and machineries and as a highly valued team member.

You will help shape the future by:

- Optimize, validate and qualify innovative and sustainable material solutions
- Gather and synthesize information related to production process development, including patents, academic papers, and public records
- Developing material production processes along with cost models that serve as a basis for process development and supply chain work

Your qualifications:

- You have a BSc, MSc or PhD in materials science or a related discipline.
- You bring a solid understanding of general process engineering principles and bioplastics formulations.
- You are a critical thinker who can zoom-out and see the big picture while also zooming-in on important details.
- You provide hands-on technical expertise to develop innovative products
- You have the ability to drive products from the lab to large scale manufacturing by translating lab recipes into pilot plant trials.

The logo for NORIWARE features the word "NORIWARE" in a bold, blue, sans-serif font. The text is centered and overlaid on a decorative background of blue, wavy, layered lines that create a sense of depth and movement, resembling a stylized wave or a series of overlapping curves.