



Material solution for sustainable & affordable housing



Timber Cleancrete Slab project with TUM, Photo credit: Julian Trummer

About us:

Oxara AG, an ETH Zurich Spin-off, has the vision to enable access to sustainable affordable housing by providing low CO₂ emissions and low-cost building products. We do so by transforming waste excavation materials into sustainable building materials using our admixture technology. Thanks to this technology, we enable circular economy and reduce CO₂ emission. We work closely with construction, recycling companies, concrete producers, bricks manufacturers, architects and engineers to fast-track market entry.

To strengthen our team, we are looking for a highly committed personality who wishes to make a difference as a

Lab Scientific Collaborator, 80%, (m/w/d)

Starting from 1. February 2022 in the Greater Area of Zürich

Your responsibilities:

- Plan and perform formulation development,
- Design, evaluate and implement new methods for performance tests with excavation materials at lab and industrial scale,
- Support the design, mounting and operation of pilot and full-scale installations,
- Implementation of Quality Control measures for precursors and final products,
- Support the Senior scientist in charge with experiments/results to develop new product applications,
- Write protocols, scientific reports, and lab procedures.

Your skills and assets:

- Bachelor degree in chemistry, materials science or related field, preferably with background on clay minerals and building materials,
- Experience with physico-chemical analyses and familiarity with rheological, calorimetric and TGA tests,
- Ability to report, interpret and document scientific results,
- Self-driven personality, creativity, adaptability towards a rapidly growing environment and good team-oriented working capability,
- Hands-on mentality and a sense of ownership and responsibility,
- Interest in social development, sustainability topics and green chemistry,
- Proficiency in English and German, additional languages are a plus.

What we offer:

- International, young, diverse and motivated team,
- Stimulating, learning and innovative environment,
- Technological, research-oriented challenges, and growth opportunity,
- Progressive salary, related with oxara success,
- Flexible and value-oriented working environment,
- Equivalent 5-weeks holidays.



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If you are interested in this position and would like to shape our and your future, we are looking forward to receiving your application by email with all the relevant documents (cover Letter, CV, diplomas and references), addressed to Dr. Sara Mantellato, mantellato@oxara.ch by December 15th 2021.

Oxara is an equal opportunity and family friendly employer, strives to increase the number of women employees, and is responsive to the needs of dual career couples.

Learn more about Oxara at www.oxara.ch or on LinkedIn. If you have any question unrelated to the position, please, do not hesitate to contact us by email at hello@oxara.ch.

"We do not make concrete, we save the planet one building at a time", Clara Campocid