



Apply here

Start date

October/November 2023

Duration

6 months

Languages

Good spoken and written English levels are required (B2 onwards)

Location

Bristol, England

Bristol is the largest city in the South West of England. It has a strong reputation for creativity, digital innovation and social enterprise, and is the home of Oscar-winning Wallace and Gromit and urban artist Banksy. Offering a lively nightlife, bars and restaurants aplenty, musical diversity and many historical attractions, including the SS Great Britain and the Clifton Suspension Bridge. In 2017, The Times newspaper voted it 'Best Place to Live in the UK' for young adults

Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This is an exciting opportunity to be part of an innovative organisation. Mentored and supported throughout, you will deliver important research, with plenty of opportunity for knowledge transfer and skills development and create the next generation of carbon efficient building materials, for mainstream use. Their technology is low carbon and through the research that will be carried out by the successful candidate, they will achieve carbon negativity. This role will contribute to the practical delivery of physical experiments within on-site laboratories and sits within a team of lab technicians, chemists, and engineers developing formulations of their products. They offer a supportive, creative, and dedicated atmosphere and their work is their passion. Thriving on agility and innovation, their team values creative thinking. If you are interested in developing products or processes, have an interest in learning about physical research and a passion for making environmental change, apply today for this and add value to your CV and future career opportunities.

Tasks

- Assist in developing the next generation of carbon negative building materials
- Carry out formulation development through sample preparation, mechanical testing and bespoke imagery and visual inspection techniques
- Review industry traditions to inform product development.
- Analyse and evaluate results generated internally and externally to inform product development.
- Analysis of broad data sets
- Presentation of lab results to a wider team

Desired Skills

- Studying for a degree in, Chemistry, Civil or Mechanical Engineering, Material Science
- Applications from a broader scope are welcomed e.g., Sustainability, engineering, or biosciences.
- Proficient with Microsoft Excel and preparing technical reports.
- Good communication and interpersonal skills
- Ability to be a self-starter.
- An eye for detail and confidence in delivering dependable results.

The Host Company

The host company is leading the way in manufacturing as they develop healthier, low carbon construction materials for the mainstream market. By rethinking and redesigning the production of building materials, this innovative company is not only finding huge market success but is also helping to ensure the longevity of our ecosystem. Combining nature and science has allowed the host company to drive performance and become world leaders in their field. If you want to be part of a high energy and resourceful team that is looking for creative, like-minded people, this could be the opportunity for you!

