

The Company:

Liquid Air Energy Network (www.liquidair.org.uk) is the new forum for the advocacy and development of liquid air as an alternative way to harness waste and surplus energy within power and transport.

- Liquid air is a novel energy storage solution that could play a key role in the low-carbon energy future.
- The UK has world-class expertise in both mechanical engineering and cryogenics.

The use of liquid air for grid-based energy storage could increase energy security, cut greenhouse gas emissions and create a new industry for the UK worth at least £1bn pa and 22,000 jobs to the UK. Liquid air technologies could also significantly increase the efficiency of road vehicles, particularly in commercial buses, vans and refrigerated lorry fleets.

Liquid air is beginning to attract widespread attention from the academic, political and industrial communities as a potential solution to some of our toughest energy problems. Liquid Air Energy Network is now moving into exploration of new integration opportunities around the world of cold, exploring enabling technologies and network benefits.

The Role:

This is a senior role, reporting directly to the CEO. You will lead research and development activity at the LAEN. This will focus on identifying and developing low TRL technology opportunities through a networked, innovation approach.

Initial objectives will include:

- Development of a technology roadmap for liquid air/combined cold and power/cold economy enabling technologies with five, ten, and fifteen year horizons.
- Construct a European technology incubating network to develop key technologies.
- Map out a funding plan for your activities.
- Support wider advocacy and exploration of liquid air as an energy vector.
- Build close links with other entities active within the liquid air space.

Skills and Experience:

The ideal candidate will be an experienced engineer capable of transitioning technology from TRL1-4. You will have been exposed to automotive or aerospace research and development. Beneficial skills and experience would include;

- Low TRL product development
- Collaborative research and development with University and Research Organisation partners.
- Cryogenic/low-temperature engineering.
- Energy systems and relevant modelling.

Other:

- The job will be located primarily in London for the first 12 months though travel to visit partners and suppliers may be required.
- Working hours are 9am-6pm, although as a new business there may be a requirement to work additional hours as required.
- 25 days holiday plus bank holidays (paid).
- Salary £85-100k depending on experience and expertise.
- We offer no pension or other benefits.

To apply, please send your CV and a cover letter to info@liquidair.org.uk.