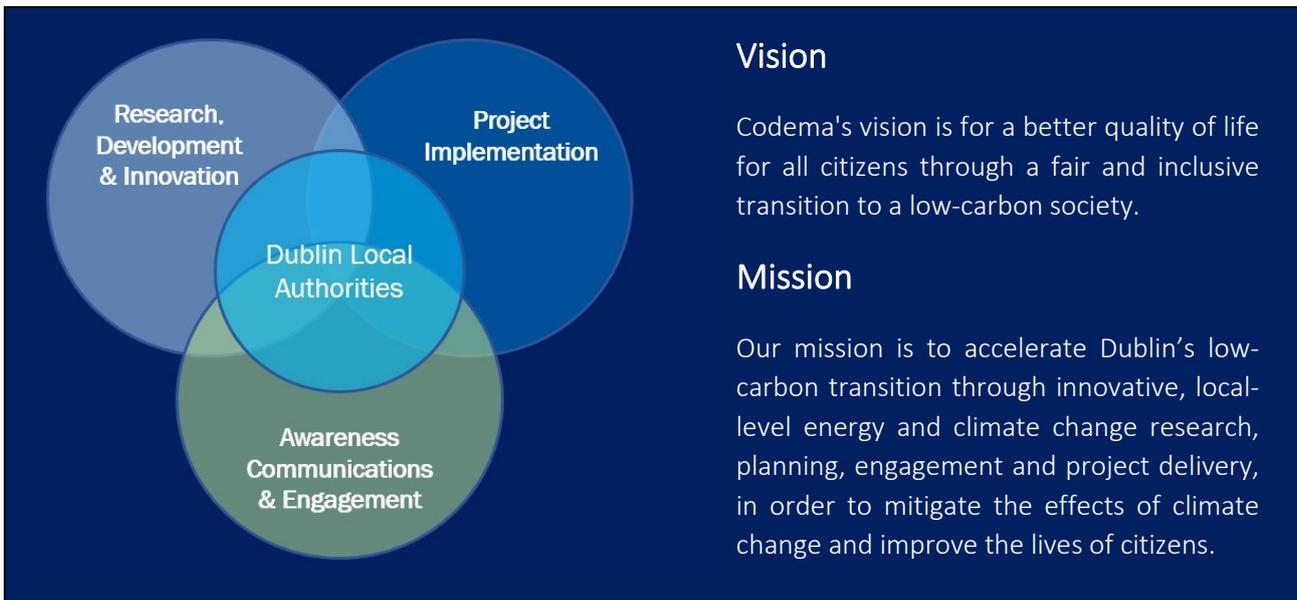


Job Specification for Energy Systems Graduate

Codema, Dublin's Energy Agency, has an exciting opportunity for a Master's or undergraduate student who will support our Research Development and Innovation team in the areas of district heat, energy master-planning, policy and research.



We are committed to leading Dublin's low-carbon transition to carbon neutrality by 2050 and we are looking for someone who is equally committed to these values and realises the key role renewable energy, energy efficiency and energy planning plays in achieving this. Codema is the leading energy planning agency in Ireland, so this is a unique opportunity to be at the leading edge of the development of this new sector in Ireland.

We are looking for

- A team player who enjoys working on a variety of energy projects across different teams
- An eager learner with a growth-mindset who will grow and learn from working on real projects
- Someone who understands and keeps an eye on the 'bigger picture' while working on the details
- Someone who is not afraid to ask for help when they need it and will be supported by the Codema team at all times
- A good communicator
- Someone who is looking to make an impact working with a niche team in a small company where they can bring their ideas to the table

What you will do

- Assist the research, development and innovation team leads on projects with technical support on local, national and EU projects in areas such as energy master-planning, district heating and renewable energy
- You will work on areas such as techno-economic feasibility of planned low-carbon energy DH schemes
- Run technical analyses to support ongoing renewable energy and DH project development
- Carry out energy system analyses to support energy planning assessments of areas in the Dublin region.
- Use tools such as EnergyPro, QGIS, and other software tools to best model energy systems and develop feasibility studies and insights into the Dublin energy system
- Investigate and identify potential solutions to data gaps in developing evidence-based analyses
- Attend regular meetings with the technical teams
- Liaise with the communications team to communicate outputs and findings
- Present results of projects to the Codema team and relevant local authority staff
- Attend training courses and conferences to upskill in relevant areas

Graduate Programme

The programme is a 2-year fixed-term entry level position for a recent and suitably qualified graduate

- The aim of the programme is to open-up future opportunities for a graduate by gaining hands-on experience with a leading sustainable energy agency through the development of new skills and to help identify areas of interest and expertise
- The programme will provide the graduate with on-the-job training, working as part of a dedicated Research, Development and Innovation team
- You will be assigned a mentor and given guidance to help you develop skills in the areas such as energy planning, policy and district heating
- You will receive support from the wider Codema team, exposing you to different aspects of our operations, and have an opportunity to learn about the different projects that Codema is involved in
- Where relevant and appropriate, opportunities to shadow more senior staff members will be organized to give you a comprehensive overview of our activities and gain a good understanding of the company's objectives and how it works

Why join Codema

- Use your skills to make a difference by working in a public good company where everything you do will contribute to reducing emissions to protect our future and our environment, and enhance the everyday lives of Dublin's citizens
- Be part of an award winning and innovative company with a highly skilled, dedicated and passionate team
- An all-inclusive employer that recognises the benefits of diversity in the workplace
- A learning organisation with a growth mindset that encourages career and personal development
- An indicative starting-salary range of €33,000 to €36,000
- Four weeks annual leave plus additional designated Christmas leave
- Excellent personal development and training opportunities
- Flexible working hours & blended working opportunities to facilitate work-life balance
- Codema is participating in a Four Day Week Pilot programme, where staff are eligible to join after a 6-month probationary period
- Contributory pension scheme (after 6 months probationary period)
- One paid professional subscription per annum
- Employee wellness programme
- Taxsaver commuter ticket scheme
- Cycle to Work scheme

Minimum Requirements

- Educated to Masters or Degree level in Energy Engineering/Energy Planning/Energy Systems Modelling or similar discipline
- Demonstrated knowledge of energy systems, energy planning and policy
- Demonstrable experience using energy planning and modelling software
- Proficiency in Microsoft Word, Excel and PowerPoint
- Good communication skills with the ability to communicate effectively both orally and in writing
- Good organisational and time management skills
- Fluency in English is essential
- Ability to work with a team and on own initiative

Additional skills that would be a distinct advantage

- Experience working with local authorities
- Tableau data analytics and visualisation experience
- Knowledge of programming software and languages (Python)
- Ability to liaise with a wide range of stakeholders

Location

The Codema office is located at The Loft, 2 - 4 Crown Alley, Temple Bar, Dublin 2 and is only accessible via a staircase. The office is centrally located and accessible by a range of sustainable transport modes. Secure bicycle parking is available on-site and off-site in nearby public parking facility.

Codema is currently trialling a blended working arrangement and facilitating a mix of remote and office working. Where arrangements are agreed to work remotely, the details will be agreed specifically for that arrangement.

Duration 2-year Fixed Term Contract (Full-time)

Next Steps

Please e-mail Claire your CV and a cover letter at claire.donoghue@codema.ie by 6pm CET, Monday 3rd October 2022.

About Codema

Our mission is to accelerate Dublin's low-carbon transition through innovative, local-level energy and climate change research, planning, engagement and project delivery, in order to mitigate the effects of climate change and improve the lives of citizens.

We aim to achieve this by:

- Working with the four Dublin Local Authorities in leading and influencing the low-carbon transition
- Making innovative energy projects mainstream with wide-scale impact
- Influencing national and European policy through our on-the-ground knowledge of best practice models in Europe
- Supporting networks of communities in developing a low-carbon energy model
- Identifying and championing best-practice, low-carbon transport and building solutions

Codema actively encourages good job satisfaction and personal professional development amongst staff and facilitates a healthy work-life balance.

For more information, please visit our website at: www.codema.ie.

Codema is an Equal Opportunities Employer

Testimonial

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My experience with Codema began with the uncertain reality that we all found ourselves living in during the summer of 2020, with my initial remote start believed to be only temporary for the coming months and that all would clear up, but alas it didn't work out that way! I must say I received the best support I could've asked for in this time from both my team working on the masterplan, along with those in management positions.

Training up and settling into a graduate role was always going to be difficult remotely, as it can be difficult to really engage with people over video calls and there's no way of just asking a simple 2 second question to the person next to you. All this being said however, help was made available at Codema at all times and the easy-going nature of people really made it simple to integrate. The work-life balance in the office is very much something that's encouraged, with the same trust being both given and received, thus giving the employees that bit of freedom that's really appreciated.

One big regret I have is that throughout this pandemic I've been unable to work in the vibrantly located office in Temple Bar, thus being unable to really get the full experience but something I hope one-day I can be a part of. I've enjoyed every minute of my time with Codema and I'd have no problem recommending them to anyone.”

Oisín, Energy Systems Graduate, 2020 - 2021