

The Role

Location:	Wellington	Team:	Evidence Insights and Innovation (EII)
Grade:	16	Reports to:	Manager EII
Employment:	Permanent	Direct Reports:	Nil

Responsibilities

The Evidence, Insights and Innovation team is responsible for ensuring EECA's programme portfolio is led and managed by using sound evidence, intelligence, and insights, and ensuring that energy efficiency and renewable energy programmes are designed and delivered with clear benefits to New Zealand.

The core responsibility of this role is to support EII's data science function. The Data Scientist supports the capture of key programme performance data (e.g. emission reductions, abatement costs and energy consumption savings), delivers robust datasets and derived insights, and supports the use of data technologies underpinning this work.

EECA's Purpose and Behaviours

Our Purpose

EECA's purpose is to mobilise New Zealanders to be world leaders in clean and clever energy use. We are Te Tari Tiaki Pūngao – Guardian of the energy. This means we have a responsibility to ensure that all of New Zealand recognises that the energy we save now will be an asset to our future, in a multitude of ways. We want a sustainable energy system that supports the prosperity and well-being of current and future generations.

In order to get there, our strategic focus areas are:

- Productive and low emissions business
- Efficient and low-emissions transport
- Energy efficient homes
- Government leadership
- Engage hearts and minds

More information on who we are and what we do is available on our website www.eeca.govt.nz/about-eeca

Our Behaviours

EECA has identified four behaviours that will help us succeed. We will be looking for applicants that can demonstrate these behaviours.



Open to the new



Stand in others' shoes



Believe in 'we' not 'me'



Deliver the goods

Key Result Areas

- Extract value from datasets in different structural forms (excel, csv, access, txt), and collate them on a platform ready for stakeholder use
- Develop data capture methodologies and systems to support effective monitoring and evaluation of EECA programme performance, working closely with data stewards in delivery teams
- Maintain key data metrics for EECA within a data warehouse and ensure that they are available to relevant users through appropriate data delivery channels (internal dashboards, external open datasets, data visualisation apps).
- Ensure all internally and externally published data is logged in a data catalogue.
- Deliver tools and infrastructure to support the analysis of energy efficiency and the switch to renewable forms of energy.

Key Competencies

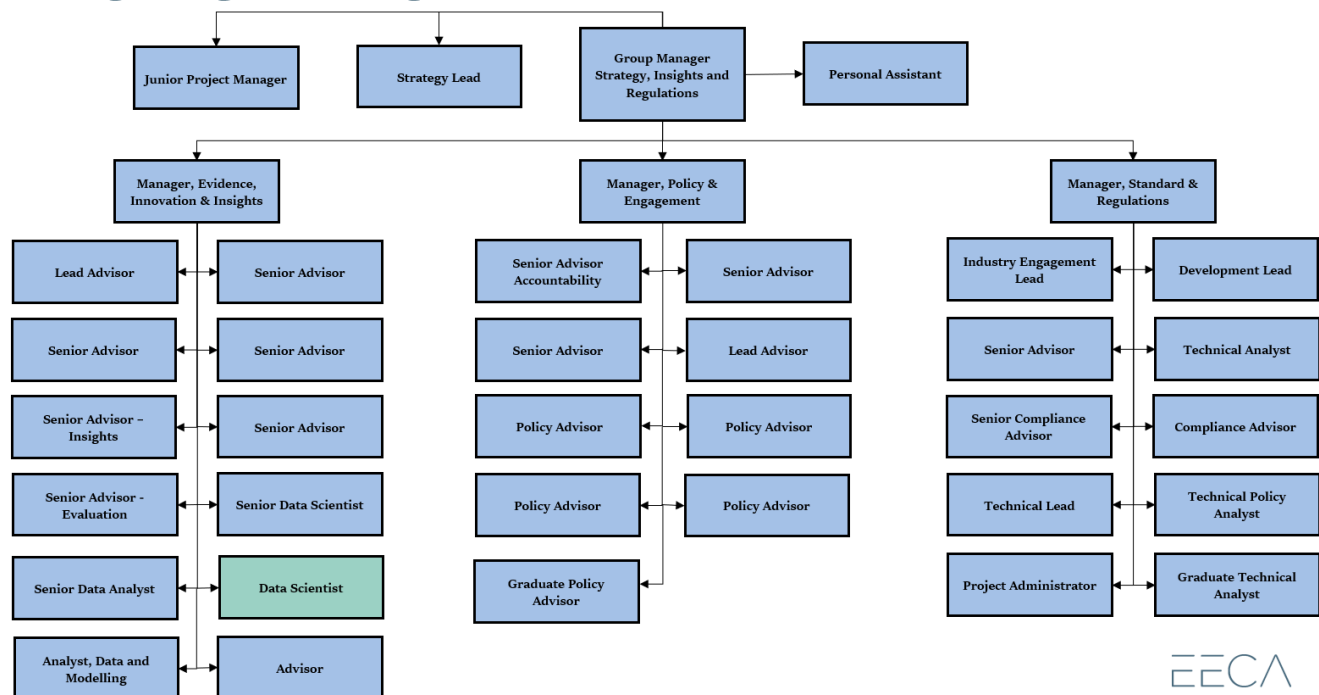
- Partnership and relationship acumen
- Dealing with ambiguity
- Commercial orientation
- Communication
- Finding solutions

Relationships

It is expected that effective working relationships are established with relevant EECA staff and external stakeholders.

Where your position fits

Strategy, Insights and Regulations Group



EECA



Key Internal Relationships

- Evidence, Insights and Innovation Team
- Business Group
- Marketing and Communications Group

Key External Relationships

- Relevant Public Sector agencies
- Relevant Industry Associations & sector organisations

Educational Qualifications, Experience and Skills Required

- At least 2 years' experience as a Data Scientist and tertiary qualification in computer science, data science, or near equivalent discipline.
- Experience with Data Science methodologies and delivering data assets for stakeholder use in business intelligence tools and analytics (dashboards in Power BI or Tableau, Jupyter notebooks, RShiny)
- Exposure to the MS Azure cloud environment or other cloud ETL platform. Knowledgeable about ETL pipelines and schema design including star, 3NF, data lake/vault.
- Proficiency with SQL, Python, shell scripting and git (or other version control software), enthusiasm to learn Julia.
- Excellent time management skills.
- Enthusiasm for promoting energy efficiency and renewable energy in New Zealand.
- Strong written and verbal communication skills with the ability to communicate technical concepts to non-technical audiences.

EECA's Working Environment

A policy of equal employment opportunity operates and EECA provides a work environment that is free from discriminatory practices and encourages all employees to reach their full potential.

As a good employer, EECA takes its Health and Safety responsibilities seriously and all staff are expected to comply with all Health and Safety policies and practices, as part of their employment.

Working in the Public Service

Ka mahitahi mātou o te ratonga tūmatanui kia hei painga mō ngā tāngata o Aotearoa i āiane, ā, hei ngā rā ki tua hoki. He kawenga tino whaitake tā mātou hei tautoko i te Karauna i runga i āna hononga ki a ngāi Māori i raro i te Tiriti o Waitangi. Ka tautoko mātou i te kāwanatanga manapori. Ka whakakotahingia mātou e te wairua whakarato ki ō mātou hāpori, ā, e arahina ana mātou e ngā mātāpono me ngā tikanga matua o Te ratonga tūmatanui i roto i ā mātou mahi.

Mō ētahi atu kōrero hei whakamārama i tēnei kaupapa, haere ki

<https://www.publicservice.govt.nz/about-us/>

In the public service we work collectively to make a meaningful difference for New Zealanders now and in the future. We have an important role in supporting the Crown in its relationships with Māori under the Treaty of Waitangi. We support democratic government. We are unified by a spirit of service to our communities and guided by the core principles and values of the public service in our work.

You can find out more about what this means at: <https://www.publicservice.govt.nz/about-us/>

