# Position Details

## Research Management – CSOF7

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| The following information is for applicants | |
| Advertised Job Title | Digital Lead |
| Job Reference | 68072 |
| Tenure | Specified Term of 3 years  Full-time |
| Salary Range | AU$136,437 to AU$150,956 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Newcastle, NSW or Melbourne, VIC preferred; other locations negotiable. |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | * Australian Citizens and Permanent Residents * New Zealand Citizens who usually reside in Australia * Australian temporary residents who are currently residing in Australia (visa sponsorship may be provided to eligible candidates) |
| Position reports to the | Group leader, energy analysis & decision support |
| Client Focus – Internal | 50% |
| Client Focus – External | 50% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact John Ward via email at [John.K.Ward@csiro.au](mailto:John.K.Ward@csiro.au) |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

### Role Overview

CSIRO Energy is playing a key role in Australia’s energy transition. With work spanning from energy efficiency in buildings to the operation of electricity systems, the CSIRO team work across a large range of industries and application domains.

The Digital Energy Lead will grow the team’s efforts around the analysis and application of energy data ranging from grid topologies to consumption and generation information.

The role will be expected to drive internal efforts to analyse and commercialise existing data sets, and also to secure and lead collaborative projects with CSIRO’s commercial partners.

### Duties and Key Result Areas:

* Establish new internal programmes of work that seek to maximise the national impact and commercial potential of CSIRO’s wide range of existing data sets.
* Lead efforts engaging with external partners, to apply the latest data science approaches in industries ranging from grid operations to building energy efficiency.
* Build significant collaborative relationships with Australian universities and international research organisations.
* Establish CSIRO Energy as a go-to agency leading the application of innovative data science to the energy industry.
* Drive close collaboration with Data61, CSIRO’s data science and engineering organisation.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Creates and fosters an environment in which there is a high level of cooperation within and between teams. Facilitates positive team relationships to build interactions across Business Units and the organisation.
* **Influence and Communication:** Uses complex influencing strategies, for example, assembling strategic coalitions, building behind the scenes support and the tactical use of information to gain support.
* **Resource Management/Leadership:** Provides leadership that fosters an environment that encourages new ideas and provides support for the development of emerging skills. Creates trust by displaying consistency, understanding, integrity and patience. Plans, seeks, allocates and monitors resources to achieve outcomes.
* **Judgement and Problem Solving:** Resolves major conceptual scientific, technical, commercial or management problems, which have a significant impact upon the field of research, professional function, the Business Unit or the Organisation. Situations faced have little or no precedent and require original concepts and approaches.
* **Independence:** Commits significant resources in the face of uncertainty and takes calculated risks to improve performance and achieve challenging goals. Uses personal energy to drive change strategies. Formulates and implements contingency plans to minimise the impact of potential risks. Accepts personal responsibility for the outcomes of decisions/risks taken.
* **Adaptability:**Is flexible in response to external change or when faced with external constraints. Identifies and promotes the opportunities arising as a result of change.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. PhD or equivalent experience in data science or analysis.
2. Extensive experience in an applied research area, preferably in the energy sector, or a related engineering domain.
3. A network of national and international collaborators working in the applied data science domain.
4. Excellent written and oral communication skills, evidenced by high-level reporting, presentation and negotiation abilities, and the capacity to identify and influence critical stakeholders to gain support for complex proposals/ideas
5. An outstanding record of science innovation and creativity plus the ability to apply well developed research skills to scientific investigations of significant consequence.

## **Desirable:**

1. An enthusiasm for applied research working in a commercial environment.
2. Experience leading major projects with significant practical deployment.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

* The successful candidate may be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* If the successful candidate is not an Australian Citizen or Permanent Resident, they may be required to undergo additional security clearances, which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- https://ielts.com.au/

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

Find out more about CSIRO [Energy](https://www.csiro.au/en/Research/EF)