



Position Advertisement

Consultant – Epidemiological information systems

- **CDI Full time**
- **Salary range 45,000 € to 55,000 € gross per annum, based on skills and experience**
- **One Health epidemiology consulting company**
- **Position based in Lyon, France**
- **Excellent English communication skills essential**
- **Design and develop surveillance and other epidemiological information systems**

Ausvet is seeking an epidemiologist with a passion for developing and using epidemiological information systems. An important part of our work involves developing and implementing information systems to capture, manage, analyse and report on disease and other associated information. Using epidemiological, sociological and IT skills, our systems focus on the needs of field users, providing epidemiologically rigorous analysis supported by the latest technical innovations. We aim to improve the health and wellbeing of populations, whether human or animals, measured in the tens or hundreds of millions, efficiently and sustainably.

Our work is made possible by a relatively rare breed of passionate cross-over experts – sociologists who understand disease surveillance, IT developers who can get inside the heads of small holder farmers in low- and middle-income countries, and you – an epidemiologist who loves IT.

You are a trained infectious disease epidemiologist with a deep interest in surveillance and epidemiological data, quantitative analysis and a delight in how, with good data and good analysis, it is possible find solutions to otherwise intractable problems.

When studying you often felt that the tools you were provided with weren't quite fit for purpose, and that the available data was frustratingly inadequate. You knew that it was possible to do better, and as a result, taught yourself how to use available technology to meet your needs – programming languages, databases, flexible analysis and visualisation tools, cloud-based systems.

You will be working as part of an international team including about 15 epidemiologists, 7 software developers and system architects, as well as experts in sociology and statistics, and a strong support team. If you are the right person for the job, you'll be constantly learning and challenged, revelling in being able to combine your two favourite subjects – epidemiology and technology. And, if that's not enough, you'll also be saving the planet, supporting our work in poverty reduction, helping prepare for and detect emerging diseases, improving the efficiency of protein production and decreasing the world's carbon footprint, and supporting food security.

For more information:

Ausvet Europe SAS

Capital social : €10 000


Siège Social

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Job Description

Consultant – Epidemiological information systems

Full-time. CDI.

Ausvet Europe — 69001 Lyon

Ausvet Europe is a private epidemiology consulting company based in Lyon, France, working closely with our sister company, Ausvet, in Australia. We are currently seeking an outstanding epidemiologist to join our growing team of consultants.

About Ausvet

Established for 25 years, the Ausvet team has a passion for complex epidemiological challenges, finding innovative solutions and supporting improved health outcomes in low- and middle-income Countries (LMICs) as well as high-income countries. We work around the globe on enormously varied projects, seeking to improve the health and wellbeing of humans, terrestrial and aquatic animals, and plants, using applied epidemiology combined with complementary disciplines. Our projects include:

- epidemiological data analysis
- disease control and eradication program design, implementation, and evaluation
- animal health policy review and analysis
- epidemiological information system design and implementation
- biosecurity system design
- disease surveillance
- outbreak investigation and response
- design and analysis of trials
- risk analysis
- applied and methodological research
- and much more.

This is an opportunity to join our growing European team, working together with the Australian team and counterparts in the project countries.

The successful applicant will:

- Benefit from the stimulation of working with a team of talented, experienced, rigorous and questioning colleagues
- Work in a flexible environment that respects the individual and their role in the team, and thrives on diversity
- Be based in the World Heritage city of Lyon and all its advantages.

About the position

Ausvet develops and implements innovative disease surveillance information systems at the industry, national and regional level. Our systems are built with a transdisciplinary approach using skills from

epidemiology, sociology, and information technology. As our work expands, we are seeking to enlarge our team with a consultant epidemiologist position, with a special focus on surveillance information systems.

Position Tasks & Responsibilities

A key responsibility of the consultant is the application their epidemiological, data management and information system design skills to support the customisation and configuration of the Ausvet Omnisyan platform in both high and low- and middle-income countries. They will also be called upon to participate in other areas of Ausvet's epidemiology consulting work, including data analysis and epidemiological problem solving.

While the consultant will mainly be responsible for implementing project activities related to epidemiological surveillance information systems, they will also be given progressive opportunities, according to their interest and capacity, to be involved in the following areas:

- leading smaller projects
- identifying business opportunities
- developing project proposals
- managing resource allocation
- managing client relationships

This position is required to travel both domestically and internationally (when this is possible), sometimes for up to two weeks at a time, sometimes to difficult locations. Travel will typically not exceed 25% of the consultant's time throughout any one year. A valid passport and vaccinations will be necessary.

Operational/functional:

Under the direction of the supervisor, the consultant is responsible for the following activities:

- To participate in the design and implementation of epidemiological information systems, including their technical planning and implementation, database design, interface design, data analysis and output report generation.
- Interact effectively and professionally with project stakeholders and users during the planning and implementation phases of the project.
- Develop strong relationships with stakeholders, clients and users.
- To provide quality and timely expert service to Ausvet's clients, encouraging the continuation of professional relationships with these clients.
- To conduct literature reviews and ongoing research to contribute to Ausvet's collective knowledge.
- To undertake training and consulting tasks in epidemiology.
- Produce high-quality reports at key stages of the project, including completion.
- Actively collaborate, communicate and support other consultants on the projects they undertake.

Project management:

- Contribute to the development of project proposals, including cost information and budget preparation, to respond to calls for tenders.
- Contribute to project planning and process development to ensure project results are achieved.

- Monitor the evolution of project budgets and communicate this evolution throughout the project lifecycle.

Administrative:

- Use and improve existing administrative systems and processes to facilitate business operations.
- Collect and provide all the information required for billing purposes.
- Ensure appropriate documentation of all project information, including project results and evaluations.
- Actively share the results of the project, including the results and lessons learned, with the rest of the Ausvet group.

General responsibilities:

- Contribute to identify opportunities to improve existing systems.
- Actively seek out opportunities for projects and activities that benefit Ausvet.
- Adhere to and represent Ausvet's values and ensure that all existing guidelines and procedures are followed.

Competencies:

- High level communication, representational and interpersonal skills.
- High level analytical and conceptual abilities.
- Ability to work effectively within small team environments.
- Personal commitment to ongoing learning.
- Values driven.

Skills, Experience & Qualifications:

Essential

- Possession of an undergraduate degree (bachelor level), and either postgraduate qualification/s within relevant field at a level equivalent to Master's degree, or membership by examination of an appropriate professional body in epidemiology or a closely related subject
- Inherent sense of curiosity and a desire to solve problems and understand how systems work.
- A fascination with information technology and data management, and its role in solving epidemiological challenges
- Experience in the use of SQL for database design, data manipulation and extraction
- Experience in data visualisation and analysis, preferably using R
- Adaptability, flexibility, willingness to accept changing priorities and experience new and challenging situations.
- Fluency in English and ability to prepare high quality written technical and scientific reports
- Proficiency with standard office systems (Word, Excel, Powerpoint), email, teleconferencing (Slack, Zoom, Skype)
- Willingness to undertake national and international travel for business purposes, including possession of a valid passport.

- Eligibility to be employed in France / European Union (citizenship or already holding a valid work permit). We are unfortunately not in a position to sponsor applications for work permits.
- Excellent organisational skills and time management
- Able to communicate effectively using a variety of digital tools (video-conferencing, phone, WhatsApp, etc) across different time zones
- Ability to collaborate effectively in small teams remotely
- Demonstrated ability to adapt to change effectively and to adopt new tools, methods and technologies efficiently

Desirable

- A PhD in epidemiology or a related subject. We are particularly interested in engaging PhD graduates who have not previously been employed under a CDI in France.
- Five or more years' experience with epidemiological information systems
- Experience with the following software (Ausvet's preferred packages in brackets)
 - Demonstrated skills in GIS and spatial analysis (QGIS, PostGIS)
 - Demonstrated ability to use GIT (Bitbucket) efficiently
 - Familiarity with software development tools including Python, PHP, Linux-based tools, command-line interfaces, cloud computing management (AWS)
- Demonstrated work experience in international environments and low- and middle-income countries
- Previous experience working in a university, government or commercial environment
- Ability to work in one or more languages other than English
- Experience and knowledge of one health and livestock production industries.
- Understanding of project management principles.
- Motor vehicle (car) driver licence.

Attributes

- Well-developed analytical skills, and the ability to think critically
- Can-do, positive problem-solving attitude
- A creative, curious mind
- Passion and energy
- Mental agility allowing you to engage with a variety of different tasks at the same time
- The ability to take the initiative, and seek practical, effective solutions to challenging problems
- When required, have an ability to work to tight deadlines, be disciplined and output-focused

Applications

The deadline for applications is **Monday 5 July 2021**. Applications should be sent by email to recruitment@ausvet.eu and include:

- A convincing covering letter explaining your motivations and demonstrating how you have the skills, qualifications, and attributes mentioned above
- A detailed and professional curriculum vitae

- Salary expectations, confirmation of your eligibility to be employed in France, and a realistic indicative date when you might be available to start (the sooner the better).

Short-listed candidates will be required to supply the names and contact details of at least 2 referees who can attest to their recent performance in a professional setting.

COVID-19 considerations

We work collaboratively, use communication tools to their fullest and maintain close contact with all our consultants even while we work remotely. Due to the current sanitary restrictions in France, we anticipate that much of the recruitment process will be conducted remotely.