



Strategic Infrastructure Development Manager

Candidate Pack
Summer 2025



Professor Rob Oliver
Managing Director
IAAPS Ltd

Welcome to IAAPS

At the Institute for Advanced Automotive Propulsion Systems (IAAPS), we are driving the future of sustainable mobility. As a world-leading centre of excellence, we support the transport industry's critical transition to net zero through the simulation, development and validation of clean, efficient and affordable low carbon propulsion technologies.

Our ethos is 'research as a service to industry', and our mission is to create the technologies, tools and systems needed in the transition to clean, affordable and sustainable mobility.

As a wholly owned commercial subsidiary of the University of Bath, we uniquely combine cross-sector academic rigour with commercial focus, blending world-leading university research with commercial innovation to deliver transformational solutions to industry's greatest challenges.

Our recently commissioned £70 million facility at Bristol & Bath Science Park represents a significant milestone. Following completion of our new research and development facility, IAAPS is set to rank among the top three independent R&I centres of its type in the world, encompassing 11,000 square metres of state-of-the-art capability including green hydrogen facilities, extensive HV power systems, and digital laboratories.

However, our ambitions extend beyond current capabilities. We are creating a new Strategic Infrastructure Development Manager role as a cornerstone of our growth strategy. This highly strategic technical position, reporting directly to the Managing Director, will be instrumental in securing funding and managing complex projects that enhance IAAPS' position as a world-leading centre of excellence. The successful candidate will identify opportunities to expand our capabilities through partnerships with national and international funding bodies, working at the intersection of technical innovation and strategic planning.

As a dynamic SME operating at the forefront of future low carbon mobility, everyone's contribution matters. We believe diversity of experience, perspectives, and backgrounds creates a culture where people belong, contributions are recognised, learning is encouraged, and difference is celebrated.



ACCELERATING THE PACE OF INNOVATION IN FUTURE MOBILITY

Our World Class Facilities

Our Mission

As a world-leading R&I centre, we support the wider transport sector in the transition to net zero. Our great ambitions are to solve the industry's biggest challenges by creating the technologies, tools and systems needed to accelerate the move to clean, affordable and sustainable mobility.

Our Facility

Located in the South West of England, our £70 million Research and Innovation centre spans an impressive 11,300 square metres at the Bristol & Bath Science Park. We are a commercial subsidiary of the University of Bath, and our world-class facility ranks among the top three independent institutions of its type in the world.

- 2 x 4WD 5E Powertrain/Transmission(incl. Full Vehicle tests)
- 1 x 2WD 3E Powertrain/Transmission
- 6 x Propulsion (E-Machine/Thermal/Engine) cells
- 3 x Flexible Lab Spaces
- 1x Battery cell cycling facility
- Battery Emulation Capability (All Test Cells)
- Digital Engineering Lab
- Secure environment for collaborative research and validation.
- H2 Storage – 270kg storage tank @ 15-30 bar
- Green Hydrogen production – 500kW electrolyser and onsite storage

Our Values

At IAAPS, we strive to attract and select the brightest minds to be part of our team. We believe in working within a highly collaborative and cross-disciplinary environment where everyone's contribution matters and makes a real difference to what we achieve together.



IARPS ➤

Strategic Infrastructure Development Manager

Strategic Infrastructure Development Manager

We are seeking an exceptional Strategic Infrastructure Development Manager to join IAAPS during a pivotal period of growth and expansion. This is a highly strategic technical role that will be instrumental in shaping our future capabilities and cementing our position as a world-leading centre of excellence in clean propulsion technology.

Reporting directly to the Managing Director, you will be responsible for the continued development and expansion of our physical infrastructure and associated capabilities to support the overall IAAPS mission. This role combines strategic vision with technical expertise, requiring someone who can operate seamlessly from strategic planning through to operational delivery.

Key Responsibilities and Expectations

Strategic Planning & Funding (40%)

- Develop strategic capability expansion plans in conjunction with IAAPS management and the University of Bath
- Identify potential governmental and private funding opportunities to expand our physical capabilities
- Work hand in hand with our engineers and academics to understand their requirements, industry trends and the funding landscape
- Develop technical specifications and associated business case analysis necessary to secure internal IAAPS or University funding
- Monitor team utilisation and capacity to meet project objectives

Bid Development & Management (30%)

- Create compelling bespoke EOIs, bids and proposals together with necessary supporting materials
- Generate technical specifications, commercial justification, business case analysis, value for money and payback analysis
- Support bids through expression of interest and assessment phases with face-to-face meetings and presentations to funders
- Demonstrate strong negotiation and closing skills for complex deals
- Work under tight timescales to deliver compelling bid documents

Project Management (25%)

- Manage highly technical capital infrastructure projects (£1M to £20M range) through to completion and commissioning
- Generate preliminary and full requirement specifications and tender documents for capital infrastructure, facilities and equipment
- Create initial cost estimates using industry experience and supplier networks
- Deliver projects to quality, time and budget standards
- Liaise closely with architects, M&E Engineers, installation contractors, suppliers and expert consultants

Compliance & Safety (5%)

- Ensure all appropriate legislative and safety requirements are considered and implemented
- Understanding of relevant safety legislation and standards (ATEX, DESAR, LOLA, PSSR)
- Compliance with ISO standards (9001, 27001, 14001, 17025, 45001)
- Risk assessment and method statement generation

Why This Role Matters

This role is crucial for IAAPS' continued growth and capability expansion in the clean propulsion technology sector. The successful candidate will be instrumental in securing the funding and managing the projects that will enhance IAAPS' position as a world-leading centre of excellence in the transition to net zero transportation.

Skills, Qualifications and Attributes

Essential Experience

- Masters degree or equivalent relevant experience in mechanical, electrical, building services, or M&E engineering
- Good understanding (or ability to quickly develop) of propulsion system test and validation facilities and necessary supporting building infrastructure
- Proven track record of winning and delivering medium to large engineering capital infrastructure projects (circa £1M to £20M) to time and budget
- Demonstrable ability to create compelling bid documents with technical and commercial/business case information against tight timescales

Funding Experience Required

Demonstrated success in winning funding working with:

- UK Bodies: UKRI, Research England, Innovate UK, EPSRC, APC, ATI
- EU Bodies: Horizon Europe
- Regional Bodies: SW regional bodies and development agencies

Key Competencies

- Proven record of closing complex deals with strong negotiation and closing skills
- Ability to lead, motivate, and engage people across IAAPS and University of Bath
- Strong oral and written communication skills with effective negotiation abilities
- Excellent project management and organisational skills
- Experience working with external consultants (M&E engineers, architects, cost consultants, test equipment suppliers, bid writers)
- Demonstrated experience managing installation contractors and specialist supplier projects
- Strong relationship-building skills with ability to build internal and external networks
- Understanding of own limitations and ability to involve correct technical specialists at right times

Personal Attributes

- Able to stretch from strategic to operational as needed
- Agile and able to work in fast-paced team environment
- Strong presentation skills with ability to gain confidence of technical audiences
- Self-aware with understanding of own limitations
- Collaborative approach working across engineering and academic teams

What We Offer

Competitive Package

- **Salary:** £80,000 (dependent on experience)
- **Pension:** 8% employer contribution (12% maximum with employee matching)
- **Location:** Bristol & Bath Science Park

Comprehensive Benefits

- **Group Life Assurance:** 4x basic annual salary
- **Private Medical Insurance:** Through Bupa
- **Group Income Protection:** Long-term salary continuation
- **Employee Assistance Programme:** 24/7 confidential support
- **Relocation Assistance:** Up to £8,000 towards expenses

Work-Life Balance

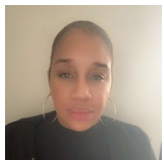
- **Holiday:** 26 days plus bank holidays
- **Flexible Working:** Choice in how and when you work outside core hours
- **Compassionate Leave:** 5 days paid leave per year
- **Cycle to Work Scheme:** Tax-efficient commuting option

Additional Perks

- **Employee Referral Scheme:** £600 for successful referrals
- **Help@hand App:** Access to remote GP, physiotherapy and support services
- **Professional Development:** Learning and development opportunities
- **Cutting-edge Environment:** Work with world-class facilities and technology

Contact information

Please get in touch with Kira or Francis via the details below for more information.



Kira Walker

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Francis Ondoro

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Your Application

We want your experience to be as seamless as possible. Here's a quick summary of what to expect during the process.



Initial Conversation

Our initial conversation offers you the chance to gain insights and ask questions about the role and our culture.



Application Submission

Upon receiving your invitation, we welcome any inquiries about the application process to ensure clarity and confidence.



Shortlisting Process

Should your application be shortlisted, we will inform you promptly and provide constructive feedback.



On-site Interview [2 hours total]

- **Presentation:** Delivered to colleagues (30 minutes)
- **Panel Interview:** Formal discussion with senior team (60 minutes)
- **Site Tour:** Experience our world-class facilities (30 minutes)



Decision & Feedback

We aim to provide feedback within seven working days of your interview.



Offer Process

Formal written offer with opportunity to discuss terms and ask questions.

Interview Panel

Your interview panel will include:

Rob Oliver – Managing Director

Paula Brown – HR Business Partner

Chris Brace – Executive Director

Chris Hawkins – Finance & Operations Director

**CLICK HERE TO
APPLY OR SCAN
THE QR CODE**

