

Proven novel use cases are sought in tracking, efficiency, safety etc for ports and automotive manufacturing

Summary

Profile type

Technology request

Company's country

United Kingdom

POD reference

TRGB20250912006

Profile status

PUBLISHED

Type of partnership

Commercial agreement with technical assistance

Targeted countries

• World

Contact Person

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Term of validity

12 Sep 2025**12 Sep 2026**

Last update

12 Sep 2025

General Information

Short summary

An acceleration programme has been set up in the UK to find and trial new use cases exploiting connectivity technologies like AI, 5G, smart infrastructure. The cases may cover tracking, maintenance, efficiency, safety etc. Upon successful piloting, developers may reach commercial agreements with technical assistance with ports, a logistics centre and/or a car manufacturing plant.

Full description

Thames Freeport comprises ports, a logistics centre but also a Ford manufacturing plant.

It has recently established a Connectivity Lab. A 5G network serves the partners. The Lab now invites technology developers with proven novel use cases that exploit latest connectivity technologies. These may benefit either one or several partners. It does not need to rely on 5G but making use of faster connectivity is a plus.

An acceleration programme has been set up to support the participants in scaling their technology and business through:

- Piloting the solution in the real-world settings;
- Working directly with senior industry mentors;
- Getting support to scale and make an impact.

The lab offers an opportunity for companies to develop a commercial relationship with internal partners.

Advantages and innovations

Technical specification or expertise sought

The technology areas to be exploited in novel ways include AI, 5G and smart infrastructure.

In terms of applications the broad categories are Tracking & Monitoring, Maintenance & Efficiency, Health, Safety & Security but there is a Wildcard option.

Attached is a pdf document listing the possible use cases.

In terms of maturity, the expectation is that the technology has been proven in a port or different setting and has a measured return on investment (ROI).

Stage of development

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

The Lab assists developers with the above piloting. Upon successful results, the partners in Thames Freeport will deploy the technologies under commercial agreements with technical assistance (the assistance may go in both directions).

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME <=10**
- **SME 50 - 249**
- **SME 11-49**

Dissemination

Technology keywords

- **01004001 - Applications for Health**
- **01004008 - ERP - Electronic Resources Planning**
- **01004007 - GIS Geographical Information Systems**
- **01004011 - Maintenance Management System**
- **01004003 - Applications for Transport and Logistics**

Targeted countries

- **World**

Market keywords

- **09001002 - Trucking**
- **09001003 - Leasing of railcars, buses, cars, etc.**
- **09001007 - Other transportation**
- **09001005 - Motor vehicles, transportation equipment and parts**

Sector groups involved

Media

PDF documents

[List of use cases](#)

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