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**CATAPULT**  
Transport Systems



# Non-Executive Vacancy

## Transport Systems Catapult Limited Chair Opportunity

**Time Commitment:** 30 days in year 1, reducing to 20 days p.a

**Duration:** 3 years appointment

**Location:** Flexible in accordance with Catapult needs

**Closing date:** Wednesday 24<sup>th</sup> October

### Background:

The Transport Systems Catapult (TSCat) is one of a network of elite technology and innovation centres being established by the Technology Strategy Board (TSB) in close consultation with industry. This follows the Government's support for the Hauser and Dyson reports which recommended investment in the creation of such organisations, and the announcement of a transport catapult in the 2012 Budget.

The TSCat will help UK businesses to create products and services that meet the needs of the world's transport systems as they respond to ever stretching demands. By bringing together industry and the science and research base the centre can address the inter-connected technological, financial and human challenges facing transport.

### Role of the Catapult

Over the coming decades, transport demand is expected to increase significantly in many countries around the world. There will not be a parallel opportunity to increase the provision of fixed infrastructure in a proportionate manner. The development of an integrated, multi-modal, approach to the design of future transport systems, which is capable of delivering increased capacity within a largely pre-existing infrastructure, is therefore a very attractive proposition.

The TSCat will provide a focus for the development of systems, products and services that will enable transport needs to be met over the coming decades. This will require the TSCat to complement rather than compete with the existing, diverse range of organisations currently active in and across this sector. It will require an innovative approach to organisation and operation. The TSCat will have to be able to influence and respond to needs and activities well beyond its corporate boundaries.

The development of strong transport system capabilities will provide a unique platform for introducing improvements to the provision of domestic transport within the UK, and also for increasing the export of systems, products, and services to other markets around the world. The TSCat will therefore contribute to the economic growth of the UK both by increasing the efficiency of domestic transport provision and by generating revenue through exports.

In achieving these objectives, the Catapult will need to establish a reputation and presence of international standing. Importantly, it will need to break down barriers within the established transport community and create an environment in which future transport systems can be developed in a manner that could not have happened in the past.

The full Transport Systems Catapult Vision and Scope can be found here: <http://bit.ly/visionandscope>

## Operational Outline:

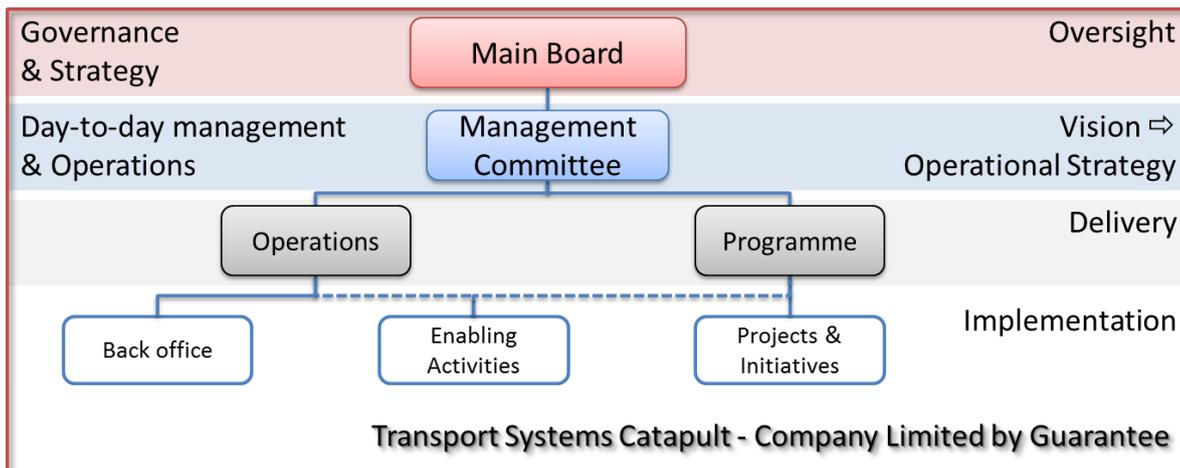
The TSCat must establish a reputation as an international centre of excellence, operating within the UK as an independent institution compliant with state-aid rules. It must also establish itself as an independent, autonomous and objective focus point for activities amongst the UK transport communities.

The TSCat will operate out of a single centre and aims to create a national and international network of industrial, financial, academic, and government collaborators across many sectors. This represents one of the challenges facing the Board and Executive: that is, for the Catapult to unlock the potential for innovation and commercialisation latent in the UK transport communities. The Catapult should catalyse the levels of collaboration that will generate substantially greater results than can be achieved without it.

The Catapult will provide four core service offerings:

1. A creative environment designed for the encouragement of innovation in the areas of future transport systems, products and services
2. Applications & services prototyping (supported by access to relevant facilities)
3. Technology proving & demonstration (including real life demonstration trials)
4. Support in the pull-through of ideas from concept to commercial exploitation (including the provision of business advice and the provision of connections to appropriate sources of finance).

## Governance:



A company limited by guarantee, Transport Systems Catapult Limited, will be established in 2012-2013. The Members of the CLG (each with liability limited to £1) will be the Chair and CEO.

The Company will operate with a Management Committee, for its day-to-day management and operations, and the Main Board, to set the overall strategic direction and ensure good governance of the Catapult.

The Main Board is made up of the CEO, Chair, a TSB director and independent N.E.D.s who have significant knowledge and experience in the Catapult field of expertise. The CEO will hold a voting position on the Board and will report to the Chair.

The Technology Strategy Board has appointed an Interim Advisory Group (IAG) responsible for overseeing the establishment of the Catapult by a delivery team. The Interim Advisory Group will help to identify, select and appoint the Chair of the Main Board and potential members of that body. The IAG will support the Chair in identifying, selecting and appointing the CEO.

## Funding:

The TSCat's model is intended to comprise one third from the Technology Strategy Board (its core funding), one third from client funded programmes, and one third from competitively won collaborative R&D projects.

It is expected that the Transport Systems Catapult will grow its turnover from c. £6m pa in 2012/13 to over £30m pa by 2017/18. Hence, the baseline assumption is that contributions will be about £10 m pa from each source when the Transport Systems Catapult is up and running.

Potential funding and revenues from commercial work and through Horizon 2020, TSB and other sources could mean a significantly higher aspirational target can be set in the business plan.

## The Chair:

The TSCat will be established as a company limited by guarantee, a separate legal entity from the TSB.

It will be controlled by an independent Board comprising the Chair, the Chief Executive Officer (CEO), other directors appointed by the Chair, the CEO and the TSB.

An Executive Management Board consisting of the CEO and other senior personnel, e.g. the Chief Financial Officer, the Chief Technical Officer or the Chief Operating Officer will be responsible for the day-to-day management of the Catapult.

The Chair of the Board will have a vital high profile role in working with the CEO to develop the Catapult in the coming years.

## Role of the Chair:

It is expected that the Board will comprise senior representatives from industry who have a record of making an impact in a boardroom environment, and who have demonstrated a passion for and commitment to the success of the transport industry in the UK, and a representative of the TSB. The Chair will:

- be a prominent figurehead in support of transport systems in general and the Catapult in particular, influencing both government and industry support for the organisation, and acting as a champion to promote transport systems in the commercial business environment;
- lead the Board in its role of governing Transport Systems Catapult Limited, setting and upholding the highest standards of ethics and probity;
- provide support and advice to the CEO and support motivation and enthusiasm of the wider Catapult team;
- oversee, with the Board, the performance of the Catapult and its Executive through the review of strategy, business plans, financial reports and progress in meeting KPI targets, and also the reporting of these to the Technology Strategy Board-appointed Oversight Committee for Catapults which will oversee all of the Catapults which are being created in different sectors ;
- chair approximately four Board meetings per year;
- participate in Board sub-committees as necessary;
- maintain relationships with Chairmen of the other Catapults, with the Catapult Oversight Committee, and with the Governing Board of the Technology Strategy Board.

## Person Specification;

The successful candidate will be a well networked & highly respected board level operator with a background in industries related to the Transport Systems Catapult

## Candidates should be able to demonstrate by experience the following key capabilities:

- Ability to operate as a high level influencer within government and industry, in order to ensure that core TSCat objectives are met;
- Ability to contribute to strategic direction and planning, providing guidance to the TSCat executive team;
- Ability to set governance, operating and behavioural principles to the highest possible standards of fairness and transparency;
- Ability to be a strong contributor to team spirit and collective motivation;
- Ability to demonstrate or establish a good understanding of the UK and overseas markets for transport systems and to act as a figurehead for TSCat promotion.

## Time Commitment:

As this is a 'start-up' organisation, the time commitment is likely to be greater in the earlier stages, with less time required once the Catapult has been set up. Initially the time commitment is anticipated to be 30 days in the first year reducing to 20 days per year from the second year.

## Remuneration:

This role is remunerated. The level of remuneration will depend upon the skills and experience of the successful candidate. This will be agreed between the Technology Strategy Board and the successful candidate.

## Application Process:

- Submission of covering letter (outlining your interest in the role and how you meet the person specification) and a CV to WIG
- Compilation of a short-list after the closing date from applications received;
- An interview for shortlisted candidates, with a view to the successful candidate taking up the post in December 2012. Interviews are likely to take place November 2012.

If you have any questions about this opportunity, please contact Clare Parsons or Kathryn Brown at WIG on 020 7222 1166 or e-mail [nonexecutive@wig.co.uk](mailto:nonexecutive@wig.co.uk)

## Equalities Statement:

In addition to complying with all current UK employment legislation, the Transport Systems Catapult will apply established good practice in equal opportunities, in order to gain the benefits of a diverse workforce. All job applicants will be treated in a fair and consistent manner and in particular to avoid discrimination on the grounds of sex, race, disability, religion, sexual orientation or age.