



# RSSB Innovation Services

**22 March 2018**

# RSSB Innovation Services

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**What is it?** A full service proposition for innovation support that can be tailored to your needs.

**Why RSSB?** A trusted, not-for-profit entity at the centre of the industry, focused purely on **stimulating the market for railway innovation** through the delivery of competitions, grants, commercial pilots and demonstrators.

**Five year track record** An opportunity for railway franchising to directly benefit from the skills, knowledge and insights generated from helping source £100m investment, to deliver 240+ projects, using over 200 partners and consortia bringing together TOCs, FOCs, owning groups, ROSCOs, Tier 1s, SMEs, Universities and of course Network Rail.

# The overview of the RSSB Innovation capability support proposed offering is;

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Full Service proposition for all elements of the Innovation value Chain, supported by;

- **In depth knowledge** of the funding landscape, major stakeholders, Innovation competitions and proposal generation/review.
- Support service **tailored to your needs**, both individual member and government organisations.
- **Delivery** of over **£100m of Innovation programmes** across the industry to date.
- **Potential exploitation and leverage** of existing innovation portfolios minimising the risk of unintentional duplication.
- **Unmatched rail Innovation network** generated from the delivery of 240 projects with 202 Innovators.
- **Access to wider RSSB skills**, knowledge and expertise.
- **Cross-sector scanning** skills to interpret transferable technology from other market sectors.
- **Extensive experience**: Strategy, Project Management and Commercial resource in depth.
- **Flexible costing structure** on either manpower or project price basis.

# Innovation in railway franchising

## What do the DfT say?

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### **Aims of the rail franchising programme**

...“to stimulate innovation”...

### **What we expect from our delivery partners**

...“an enthusiasm for innovation”...

**DfT guidance, July 2016**

**Source:** <https://www.gov.uk/government/publications/rail-franchising-aims-and-expectations/aims-of-rail-franchising-and-what-we-expect-from-our-delivery-partners>

# How do we fit?

## ■ Future Railway (2013-2015)

- Customer Experience
- Radical Train
- Tomorrows Train Today
- Powertrain; RCM
- Accelerating Innovation in Rail 1,2, (with Innovate UK)

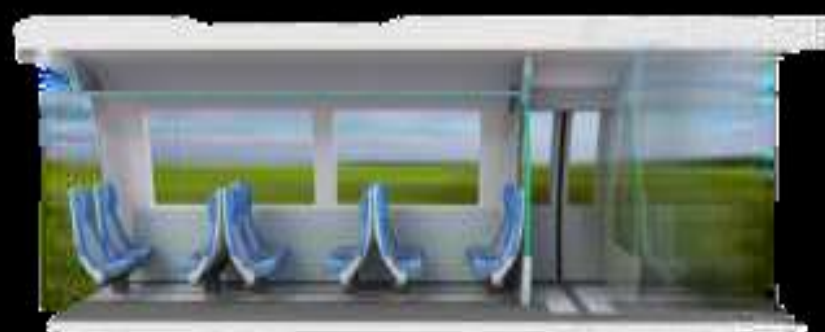
## ■ RSSB (2015 – today)

- ROC
- Innovation in Franchising (scheme administrator, 2015-present day)
- TOC15, 16, 17
- Heritage Rail
- AiR3, AiR4 (with Innovate UK)

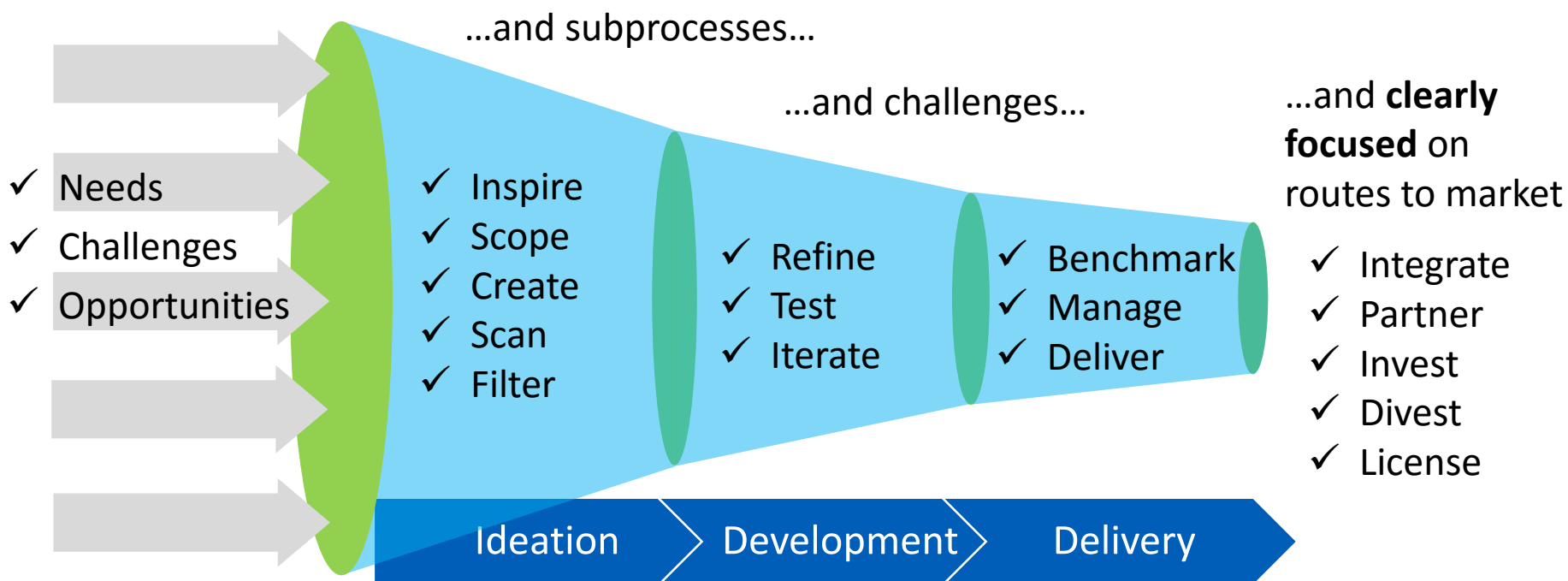
A long  
record of  
stimulating  
innovation  
in rail...

..with a portfolio of nearly £100m under management

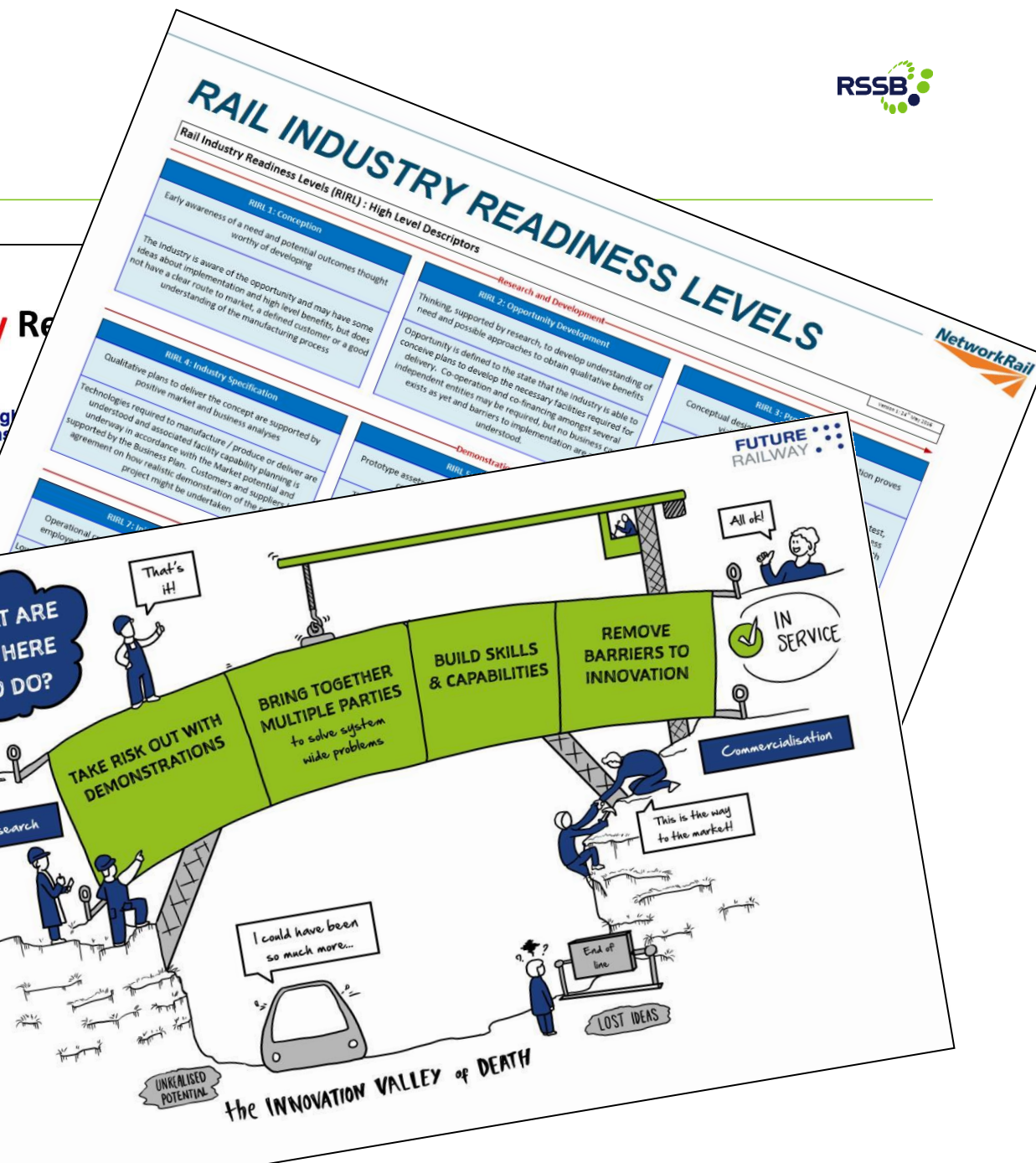
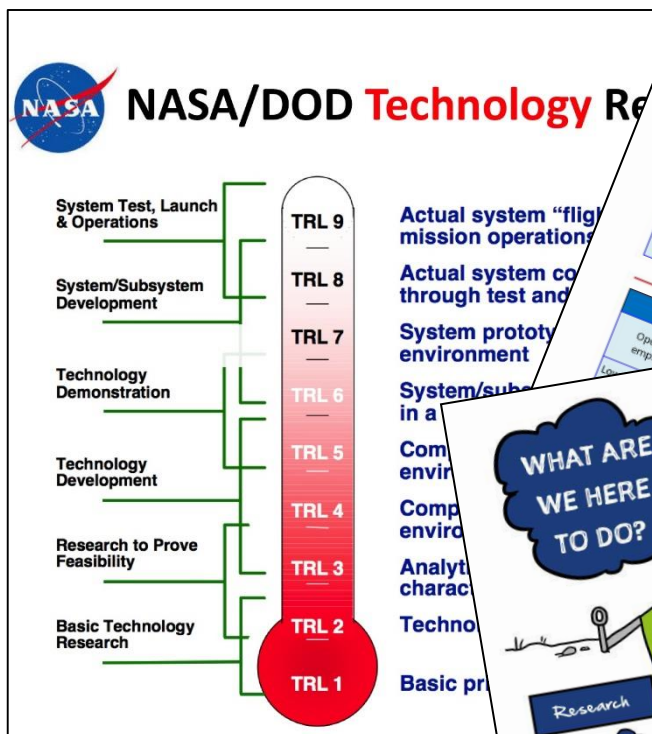
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# We are deeply familiar with the innovation process...

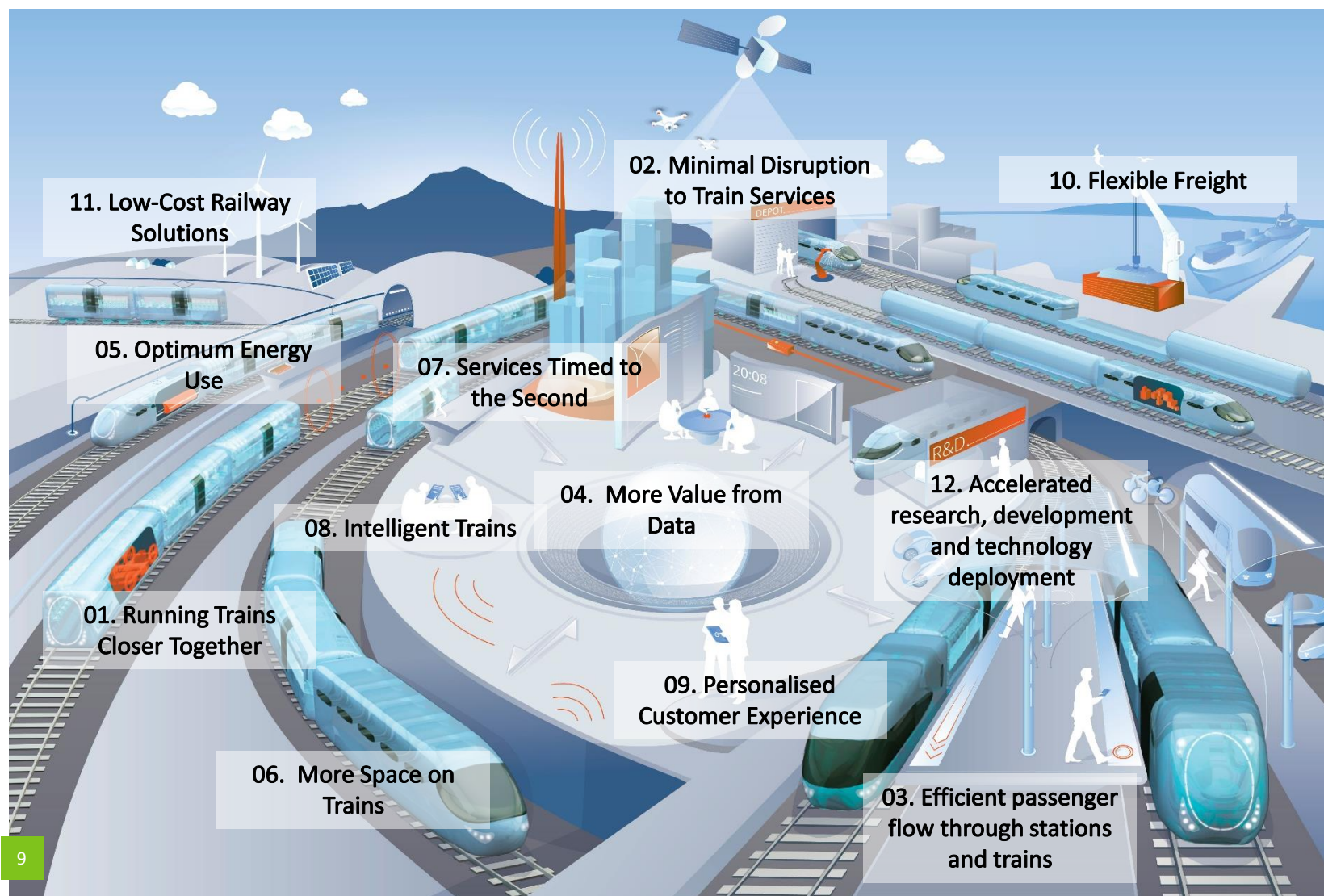


..in all its forms



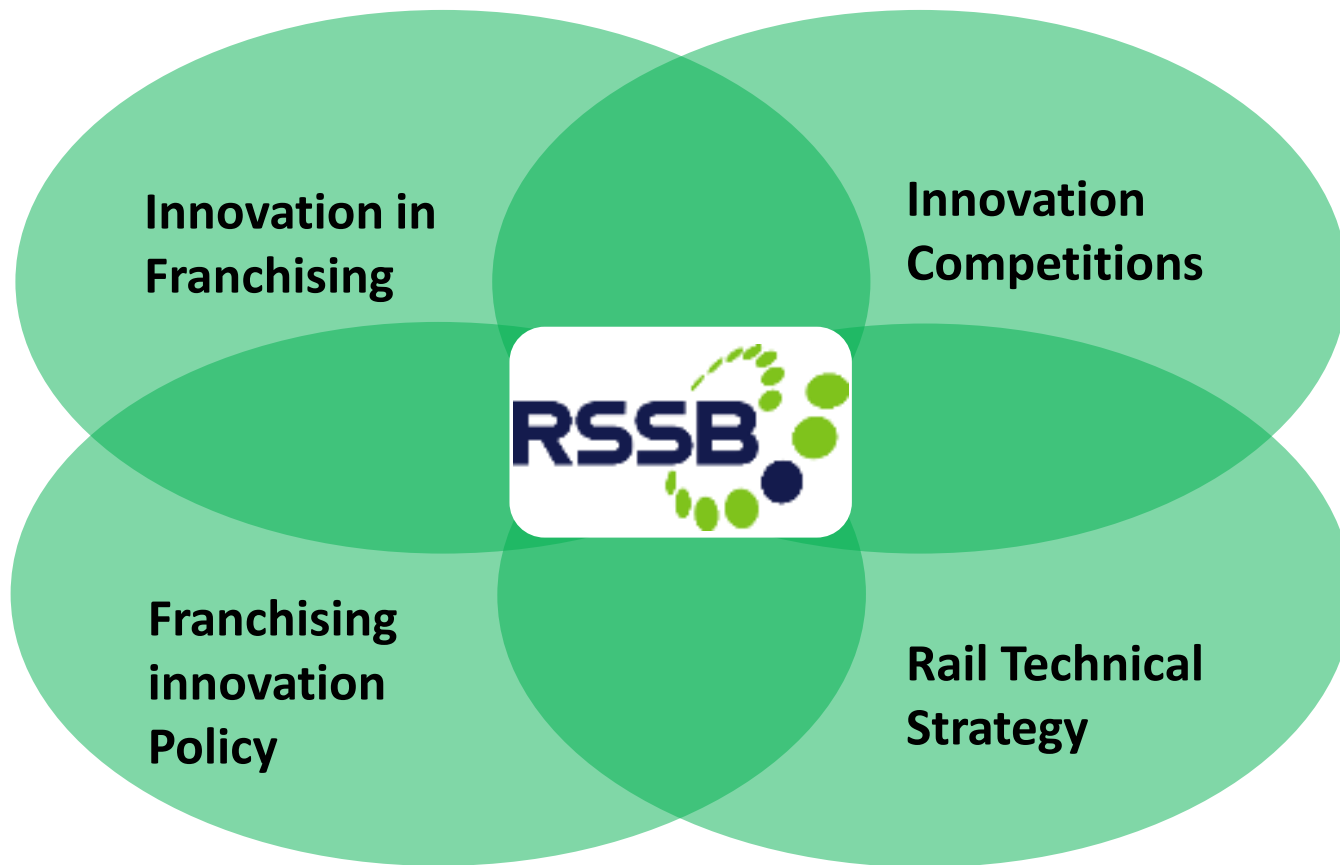


..and know the railway from the inside out.

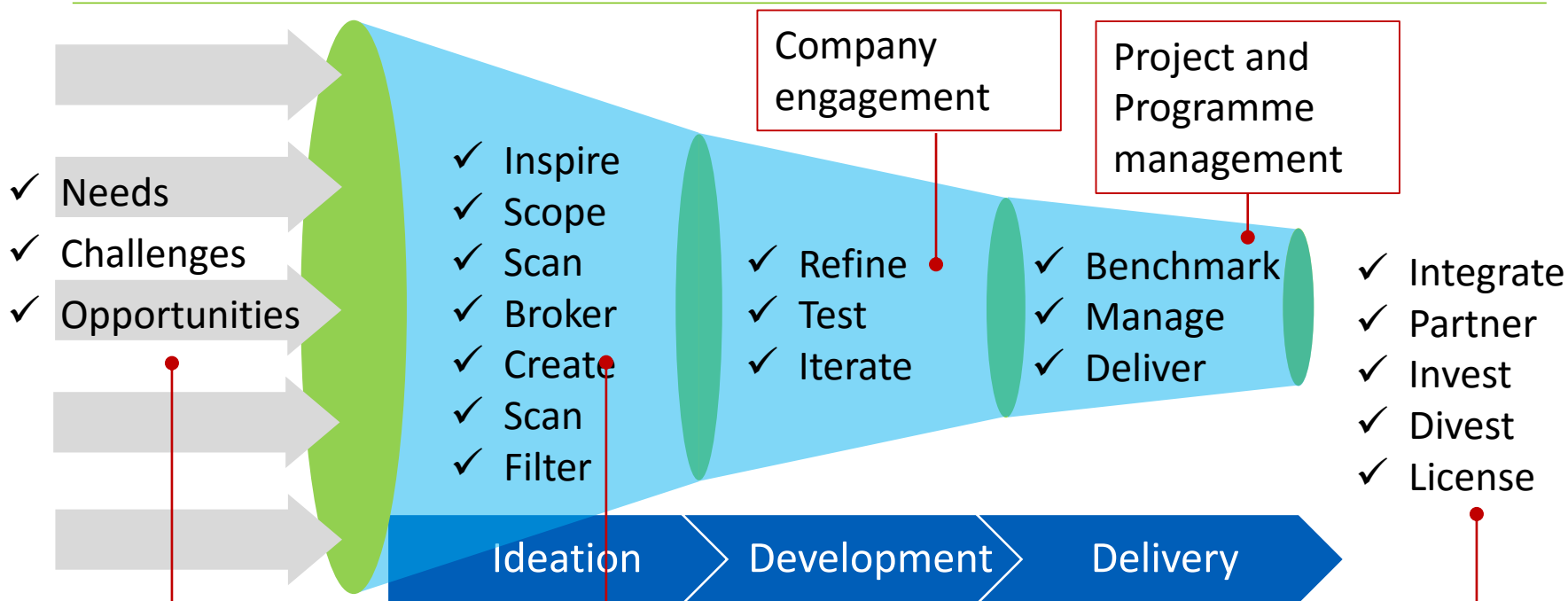


# RSSB are at the centre of innovation *for the railway*

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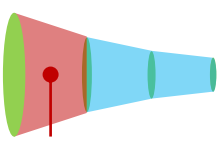
...and are now able to offer services across the industry.



Intimate knowledge of industry challenges and varying needs of different stakeholder

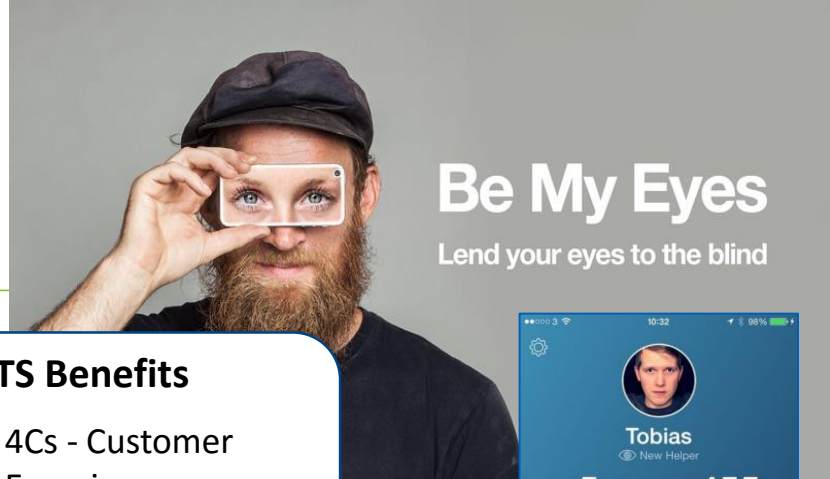
- Neutral intermediary
- Cross-sector scanning
- Employee engagement
- Marketplace competitions
- Frameworks and filters

Exploration of commercial opportunities



## **Example** - RSSB as Innovation Broker

### **Opportunity: Accessibility - Be My Eyes**



# Be My Eyes

Lend your eyes to the blind

#### **The challenge**

Visually impaired or blind customers often experience **high levels of anxiety** navigating through stations, and accessing trains. Approximately **48 million rail journeys** made by sight impaired people in past 12 months.

#### **RTS Benefits**

- ✓ 4Cs - Customer Experience
- ✓ CDP - Efficient access to and from trains

#### **Solution**

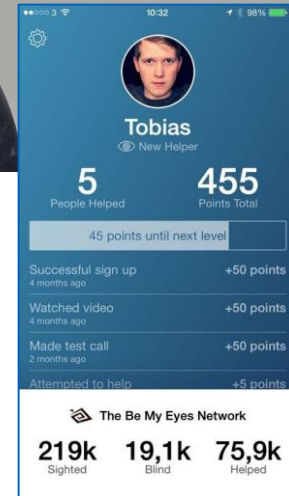
A live video connection between blind and visually impaired customers and sighted train staff delivered via their mobile phones.

#### **Benefits**

- Provides independence for sight impaired customers using the railway,
- Reduces dependence upon station staff as call could be picked up by any TOC Staff.
- Potential for extending concept to other customers with mobility difficulties.
- Could be integrated into existing TOC customer-facing software.

#### **Progression Options – how RSSB could help**

1. Role: Option for RSSB to act as neutral intermediary and project manager
2. With TOC: Discuss scope and develop project outline
3. With Supplier: Liaise and prepare a full proposal for TOC review and approval
4. With TOC: Formal submission through competition or LiF funding
5. With TOC: Option to Project Manage delivery



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Thank you