**Network Rail**

**Challenge Statements**

**Projects ideas form**

**Submissions on one page only. Return completed forms to RDI@networkrail.co.uk**

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| **Project Name:**  |
| **Contact Name:**  |
| **Email:**  |
| [**Rail Technical Strategy**](https://railtechnicalstrategy.co.uk/) **and** [**Challenge Statement**](https://www.networkrail.co.uk/industry-and-commercial/research-development-and-technology/research-and-development-programme/challenge-statements/#:~:text=Challenge%20statements%20-%20Network%20Rail%20The%20challenge%20statements,as%20set%20out%20in%20the%20Rail%20Technical%20Strategy) **Alignment:** (How does this align to the industry Rail Technical Strategy? Which Network Rail Challenge statement does this align to and why?) |
| **Does it connect to any other challenges?**  |
| **Proposed idea description:** *What does the project deliver and how will this be achieved? What is the state-of-the-art and novelty of this idea? (Max 200 words)* |
| **Project Benefits:** *What benefits will the project deliver (consider Carbon, Cost, Capacity, Customer, safety, reliability etc)* |
| **Objectives and deliverables:** (Thesis, software model, demonstration etc.) |
| **Likely project duration:**(months) |
| **Dependencies:** *What other projects/wider strategic programmes does this feed in to?* *What are the requirements from Network Rail during the project (data, information, staff time[quantify], track access) to help you demonstrate your idea? Will your idea need* [*Product Acceptance*](https://www.networkrail.co.uk/industry-and-commercial/research-development-and-technology/product-acceptance/)*?* |
| **Estimated cost:**  |
| **Funding mechanism:***Have you identified funding? What funding options have you considered? Eg Self-fund, apply for Innovate UK, EPSRC funding, equity/venture capital? Are you looking for funding from Network Rail?*  |
| **Possible start date:** |