



# Infrastructure Vision for the North West & Infrastructure 21 update

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## Introduction

- An infrastructure vision for the North
- An update on our Infrastructure 21 work and seeking your feedback

## The political landscape

- Northern Powerhouse, an initiative from the previous Government
- Summer uncertainty over future of the project, combined with Brexit confusion
- Recently Prime Minister Theresa May affirmed her commitment to the Northern Powerhouse
  - ✓ Northern Powerhouse Minister, Andrew Percy MP
  - ✓ UK industrial strategy in progress
  - ✓ Former Chancellor to Chair Northern Powerhouse Partnership
  - ✓ Devolution challenges remain

## Future workloads

### CECA workload trends:

- Workloads increased in Q2 according to only 2% of British firms, on balance, the lowest since 2013 Q2
- 6 out of 10 sectors reported falling workloads, on balance, with gas (-75%) recording the weakest balance in nearly twelve years
- Order books increased for 9% of British firms

### ONS:

- Construction output decreased by 0.7% compared with Q1. 10.1% fall compared with previous year there was a fall of 10.1%.

## CECA's project

- A project map for contractors setting out the infrastructure pipeline to 2017
- NW set to be one of the busiest regions in the UK for infrastructure
- CECA's members need easy access to information in order to take advantage of opportunities

## Methodology

- Meticulous desk based research
- Creation of a mapped work bank
- Increase understanding of project delivery
- Work in progress that will be updated
- Seeking members' views on utilisation

## Key findings

Many opportunities in the NW:

- Sellafield decommissioning
- Network Rail's Northern Hub, set to bring £4bn worth of wider economic benefits to the region and potentially 20,000 to 30,000 jobs
- Smart motorway schemes and major highways projects
- Greater Manchester Transport Strategy
- Proposed Trans Pennine Tunnel
- Moorside nuclear power station

## Case study 1: Sellafield

- 35 opportunities in all

### CECA's Top Ten:

1. Sellafield: Civil Infrastructure - New Construction
2. Sellafield: Electrical Supply - New Construction
3. Sellafield: Infrastructure Upgrade
4. Sellafield: Replacement Decontamination Facility - Construction
5. Sellafield: SEP (Solid Waste Storage) Asset Restoration Project
6. Sellafield: Construction of Class II Decommissioning Store
7. Sellafield: Decomm ILW Encap Plant (DILWEP) - New Construction
8. Sellafield: Replacement Flask Maintenance Facility - New Build
9. Sellafield: Silo Maintenance Facility Construction
10. Sellafield: SIXEP Contingency Plant Construction



## Case study 1: Sellafield

- The pipeline map provides details of Sellafield's procurement processes and contacts for further information.
- Want to know more? And explore opportunities to engage directly with clients such as Sellafield?
- Join CECA's Energy Forum. A CECA member led group, meeting 3 times a year, providing a space for members to engage on a roundtable basis with clients and each other, under Chatham House rules. Contact [AdamTuke@ceca.co.uk](mailto:AdamTuke@ceca.co.uk) for more information.

## Case study 2: Network Rail's Northern Hub



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- The pipeline map provides details of Network Rail's procurement processes and contacts for further information.
- Want to know more? And explore opportunities to engage directly with clients such as Network Rail?
- Join CECA's Rail Forum. A CECA member led group, meeting 3 times a year, providing a space for members to engage on a roundtable basis with clients and each other, under Chatham House rules. Contact [AlasdairReisner@ceca.co.uk](mailto:AlasdairReisner@ceca.co.uk) for more information.

## Case study 3: Highways England

- Motorway to motorway (M2M) metering pilot scheme M62 junction 10 (Croft Interchange)
- M6 Junction 19
- A5036 Port of Liverpool Access
- A57/A628 Trans-Pennine Programme
- A585 Windy Harbour to Skippool
- M56 new Junction 11a

## Case study 3: Highways England

- The pipeline map provides details of Highways England's procurement processes and contacts for further information.
- Want to know more? And explore opportunities to engage directly with clients such as Highways England?
- Join CECA's Roads and Transport Fora. Two CECA member led group, meeting 3 times a year, providing a space for members to engage on a roundtable basis with clients and each other, under Chatham House rules. Contact [AdamTuke@ceca.co.uk](mailto:AdamTuke@ceca.co.uk) for more information.

## Case study 4: Transport for Greater Manchester

- Consultation on a transport strategy for Greater Manchester has to 20140 just closed.
- It set out how investment in new transport infrastructure, delivery of services and maintenance of existing assets will be focussed.
- An accompanying Delivery Plan provides detail of the schemes to be delivered in the period 2016/17-2021/22.
- The initial five-year period will largely see the delivery of committed schemes funded through the Local Growth Fund. As additional funding is secured, subsequent updates of the Delivery Plan will identify new schemes.

## Case study 4: Transport for Greater Manchester

- The pipeline map provides details of who to contact to find out more.
- Want to know more? And explore opportunities to engage directly with TFGM?
- Contact NW Regional Director  
[Guy.Lawson@CECANW.co.uk](mailto:Guy.Lawson@CECANW.co.uk)

## Opportunities in every sector, large and small

- National Infrastructure Pipeline
- Local authorities
- National park authorities
- Combined authorities
- Road
- Rail
- Aviation
- Ports
- Defence
- Energy
- Environmental
- Broadband



## Phase 2

- Seeking member views on how we make the project effective
- Identify the routes to market
- Drive innovation and procurement reform

## Questions



## Infrastructure 21 update: The challenge

- UK infrastructure to grow >50% in next three years
- New customer requirements (lean, collaboration)
- Emerging technologies (BIM, smart asset management)
- Potential future capacity challenge
- Lack of a consistent view across the industry of which of these new priorities are most important
- Supply chain companies must respond to multiple requirements with limited resources after previous downturn

## Infrastructure 21

- Research project - What **great** looks like for the infrastructure supply chain?
- How supply chain firms can be supported to achieve these goals?
- Led by some of the sector's largest tier 1 contractors:

Balfour Beatty

BAM Nuttall

Carillion

Costain

Kier

Lagan Construction Group

Morgan Sindall

Skanska

Taylor Woodrow

- Supported by NCE, CITB and the UK Commission for Employment & Skills
- Engagement with the industry's customer and supply chain themselves
- **Objective - to develop a more efficient, collaborative approach to supply chain development for the UK infrastructure sector**

## What have we done?

- ▶ Free 'Directing safety' courses
- ▶ Low-cost Construction ILM qualifications
- ▶ Free Introduction to Collaborative Working seminars
- ▶ Low-cost Collaborative Working for SMEs workshops
- ▶ Fairness, Inclusion & Respect toolkits

## And what are the key competences?

1. Safety In Construction
2. Safety Leadership
3. Safety Behaviour & Culture
4. Leadership & Management
5. Collaboration
6. Training
7. Technical Competence
8. Innovation
9. Lean/Delivering Value
10. Risk Management
11. Safety In Design
12. Commercial Capability
13. Communication
14. Quality Management

## What will we do?

- ▶ 3-year national infrastructure skills programme
- ▶ New training courses in Quality Management, Risk Management and Behavioural Safety
- ▶ National safety stand-down
- ▶ Mock trials
- ▶ Innovation toolkits
- ▶ Training advice

## What's next?

- ▶ Please give us your feedback?
- ▶ Tell us if we have missed anything.