

LTC Skills Strategy Update

Cat Cliffe

Head of Value & Legacy

Statutory Consultation – Some Figures

Over

28,000

responses

Biggest

road project since **M25**

64

events

15,000

people attended events

LTC Skills Strategy

1. Ensure we have the **skills to deliver** the Lower Thames Crossing and leave a **skills legacy** for the Highways and construction sector
2. Create **sustainable** skills, employment and education opportunities in the **supply chain**
3. Increase the **awareness of STEM subjects** to encourage young people into construction and highways careers
4. Work in **partnership with stakeholders and business** to facilitate **economic regeneration** within the region

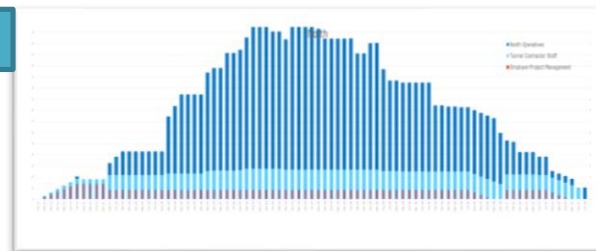
The strategy in development

- **Stakeholder Engagement** – Local Authorities, Higher Education bodies, local schools.
 - Understand economic development aspirations, skills development targets and aspirations, current and required courses etc.
 - Engage SELEP as part of this process to ensure alignment and support regional economic and skills development.
- **Learning from Experience** – other major infrastructure projects e.g. Tideway, HS2.
- **Alignment with SELEP:**
 - Increase apprenticeships and relevant qualifications;
 - Simplify the skills landscape for all ages;
 - Build an inclusive economy;
 - Raise awareness;
 - Foster the spirit of pride, entrepreneurship and enthusiasm;
 - Alignment to SELEP strategic plan – increase productivity driven by innovative businesses and people's skills for the future.

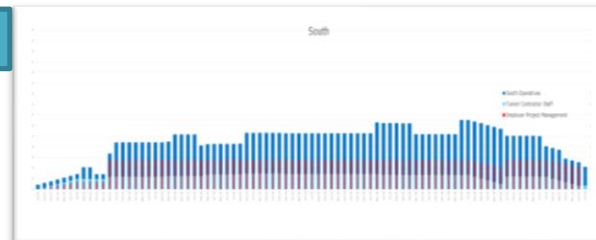
1: LTC skills demand

- Construction period is 6 years
- Peak is 1600 individuals in northern section and 800 in southern section
- Direct demand:
 - Engineers
 - Ecologists
 - Project managers
 - Construction personnel
 - Administrative staff
 - Supervisors
 - Commercial and finance

North Portal



South Portal



Lower Thames Crossing Jobs

Project Management

Ecology

Economics

IT Support

Scheduling

Finance

Engineering

Surveying

Architecture

Town Planning

Data Analysis

Health and Safety

Bird Surveying

Tunnel Engineering

Logistics Management

Communications

Community Engagement

Procurement

Contract Management

Human Resources

Planning Permissions

Insect Surveys

Ground Investigations

GIS and Mapping

Legacy and Benefits

Sustainability

Innovation

Utilities (water, gas, electricity)

Maintenance

Construction

Air Quality

Water Quality

Heritage

Bat Surveying

Marine Ecology

Geology and Soils

Landscape Architecture

Materials

Graphics

Copywriter

Consultation

Security

Design



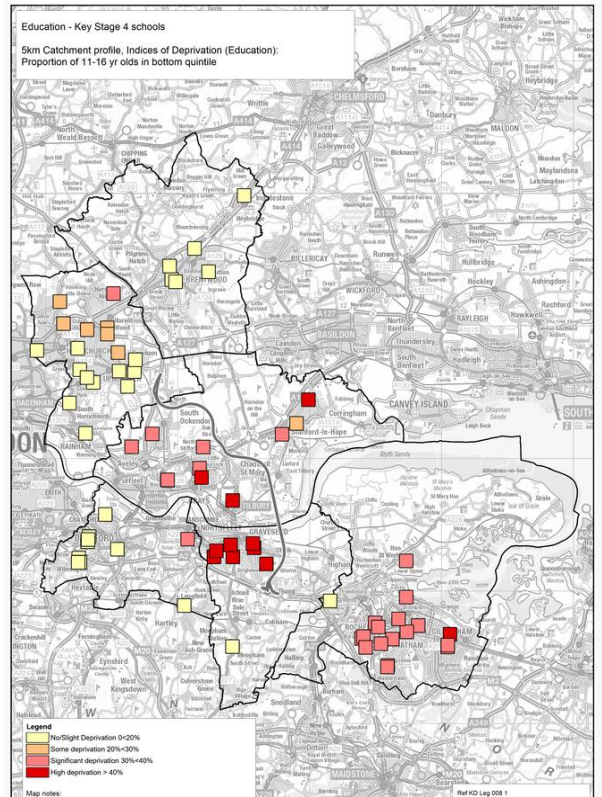
2: Skills in Procurement for the Project

2021*	2022	2023	2024	2025	2026	2027
Getting ready for construction						
		Tunnelling work				
		Building the roads				
					Testing and commissioning	



- Objectives 2 and 3 of strategy.
- Encourage supply chain to attract diverse talent pool.
- Work flexibly to deliver employment and education opportunities in the region.
- Provide training and structured work placements.
- Highways England apprenticeship target is 5% - LTC hope to better.
- Promote use of SMEs.

3: Schools, Colleges & Universities



- Careers Fairs
- STEM ambassador programme
- Opening conversations with charities e.g. Princes Trust
- Developing in partnership with stakeholders

4: Business and & economic growth

- Support enabling agencies to realise LTC as an opportunity to boost regional economic growth
- Encourage business investment in the area by improving regional connectivity
- Supporting sustainable development of housing and employment space
- Demand for industry and business services e.g. manufacturing, logistics, welfare, catering etc

3. Our role in economic growth

Drawing on thorough independent research, we have identified 4 strategic economic roles. Three cover the roles that the SRN can play in supporting the economy:

1. Supporting business productivity and competitiveness, and enabling the performance of SRN-reliant sectors
2. Providing efficient routes to global markets through international gateways
3. Stimulating and supporting the sustainable development of homes and employment spaces

We are a significant investor and employer and this means we make a substantial direct economic contribution within our own sector and to local economies. This leads us to identify a fourth economic role:

4. Providing employment, skills and business opportunities within our sector



Market engagement update

- A Prior Information Notice (PIN) was issued on 4 February 2019
- The PIN provides an opportunity for all sectors of the markets to register their interest in LTC and prepare to bid for contracts, including:
 - Materials and equipment supply
 - Construction
 - Archaeology
 - Transport
 - Mechanical, electrical, instrumentation, controls and automation
 - Road and river logistics

Thank you

