



# Supply chain readiness levels

We can help you understand the capabilities of the UK supply chain to deliver components and systems for your technology.

A supply chain readiness level (SCRL) study provides important insight for organisations developing new reactors and other energy infrastructure technology, OEMs and top-tier suppliers.

Our analysis will identify potential suppliers for your specific requirements, assess their readiness to meet your demand, and help you understand and address any gaps in the supply chain.

We take a disciplined and structured approach to SCRL studies. We work with you to understand your requirements in detail, and draw on a range of databases and other resources to identify and analyse potential suppliers.

Our study will assess what proportion of components could be manufactured in the UK with current capabilities, highlight any gaps or risks, and identify potential development and intervention activities.

For each component, we rate supply chain readiness to one of three levels:

- **Green** – the supply chain can produce the required component in the near future, with only minor capability or capacity gaps.
- **Amber** – the supply chain has the potential to produce the required component, but with some major capability and capacity gaps.
- **Red** – the supply chain does not have the ability to produce the required component.

## Benefits

A supply chain readiness study can help you:

- Understand the UK manufacturing supply chain's ability to produce your components, sub-systems and systems.
- Highlight gaps in supply chain capability, and identify interventions.
- Engage early with supply chain partners.
- Maximise UK content for your technology or programme.

## Our expertise & capabilities

The Nuclear AMRC's supply chain development team includes experienced industrial advisors, project and programme managers, and support staff. We have a broad and deep understanding of manufacturing operational excellence, business strategy and manufacturing processes.

We deliver a range of supply chain development programmes and consultancy for industrial and research customers, and offer unique insight, experience and information on the capabilities and capacity of the UK supply chain.

With over a decade of experience in supply chain development and analysis, and a wealth of knowledge and data on UK manufacturing capabilities for nuclear and other sectors, we can provide an objective and evidence-based view on supply chain readiness levels (SCRLs) and effective interventions to close any gaps.

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The Nuclear Advanced Manufacturing Research Centre, part of the High Value Manufacturing Catapult, helps UK companies improve their capabilities and performance for nuclear and other high-value industries. We focus on large-scale high-precision manufacturing processes for quality-critical applications.

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## Process

A typical SCRL study includes the following steps:



**1**

### Scoping and planning

We work with you to scope the project and develop a delivery plan. We will provide a statement of work detailing our scope, costs and timescales. Depending on scale and complexity, a SCRL study can take from four to 16 weeks.



**2**

### Understanding your needs and drivers

We review your drawings, potential demand information, relevant codes and standards, and key manufacturing information to understand your challenges and requirements.



**3**

### Information gathering

Using our extensive knowledge and databases, we match your manufacturing requirements to capable manufacturers.



**4**

### SCRL assessment

We assess the current and potential capabilities of identified suppliers to meet your requirements.



**5**

### Present findings

We present our findings through a SCRL workbook, and summary report with our findings, underpinning evidence and recommendations.