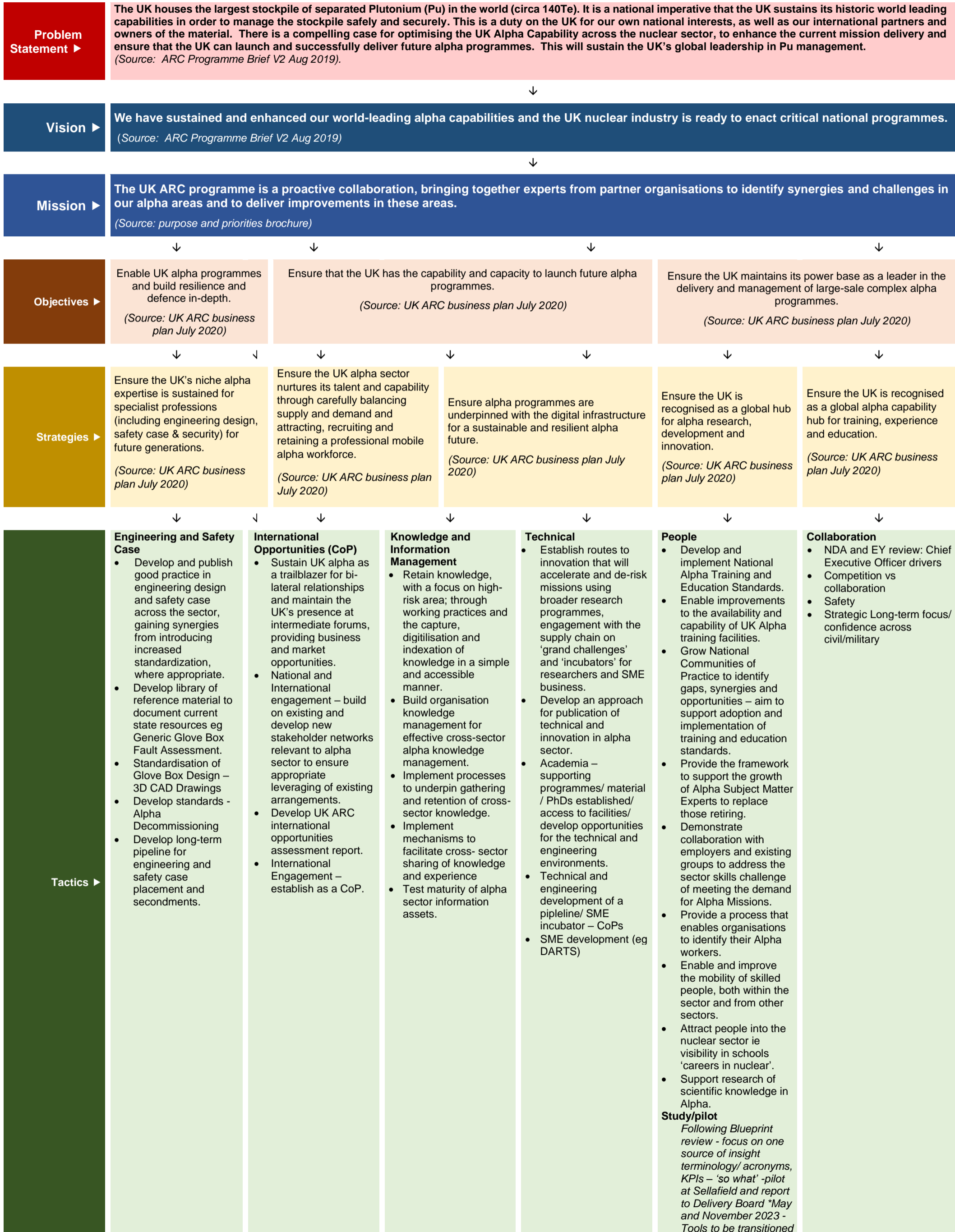


UK ALPHA RESILIENCE AND CAPABILITY (ARC) VMOST

V6 | 6 September 2023



					to the People workstream.	
Deliverables ▶	Engineering and Safety Case <ul style="list-style-type: none"> Alpha Standards (Engineering and Safety) – national good practice standards. Glove Box Design Standardisation (five Glove Boxes) – Alpha Design 3D CAD Drawings for three stand glove box designs. Generic Glove Box Fault Assessment – (E-Library of reference material). Alpha Decommissioning standards – Design and Operations 	International Opportunities – CoP <ul style="list-style-type: none"> International and communication CoP UK ARC international opportunities assessment report. 	Knowledge and Information Management <ul style="list-style-type: none"> Knowledge and Information Management Framework (Implement processes to underpin the gathering and retention of cross-sector knowledge). Communities of Practice (CoPs) – Effective Communities - Strengthen and embed processes for: identifying requirement for CoP; and establishing CoP – self-sustaining alpha. 	Technical <ul style="list-style-type: none"> Subject Matter Expert (SME) Development; Development of Alpha Resource and Technical Skills (DARTs) Guide for safe and secure handling of actinides in universities (to enable academia to do research on small quantities of active material). Communities of Practice - Technical 	People <ul style="list-style-type: none"> Glove Box Training Facility Glove Box training standards and training programmes Developing Experts (secondary schools) <p><i>Following study/pilot: tools to be transitioned to the People workstream ie LEXICON with KPIs.</i></p>	Collaboration (under development - not yet approved) <ul style="list-style-type: none"> COE Containment Mobility of material and people
Benefits Management Plan	Benefit Management Plan: Benefits 7,8,9,10	Benefit Management Plan: Benefits 14	Benefits Management Plan: Benefits 11,12,13	Benefits Management Plan: Benefits 4,5,6	Benefits Management Plan: Benefits 1, 2, 3	Benefits to be confirmed.
	Improve standards, time cost, resources, effectiveness to meet Alpha Programmes.	The benefits of this CoP include building a more focused understanding of what is happening in Alpha on a global level, through sharing our collaboration with other organisations. The goals of the CoP are to act as a communication hub for alignment between ARC partners to co-ordinate on conferences and share LfE.	Advanced and specialist Alpha knowledge management will provide for the safe and effective delivery of Alpha Programmes.	As a result of this project, Alpha opportunities will be mapped into career pathways across partner organisations to increase pipeline of Alpha workers. The benefit being tracked is the investment to secure employed expertise within the partner organisations	Build the capability and capacity to launch future programmes through the use of a dedicated Glove Box Training Facility. We expect to provide training to UK and International organisations. We expect to hold 36 training sessions per year, with 8 people per session. ARC transitioning ownership to SL. Source of information for KPI - OPMS (Sellafield Management System)	
	This project will achieve xx % digitisation for three glove box designs. Collaborative working civil and defence.		Implementing Communities of Practice (CoPs) will provide the benefit of SMEs and a wealth of experience.	This guidance will provide for the safe and secure handling of actinides in universities. Provides material owners with confidence universities are handling materials with appropriate safety and security risk assessments in place.	Build the capability and capacity to launch future programmes. The Glove Box User Training Standard and Operations and Maintenance Training Programmes, will provide a broader understanding of alpha facilities and topics, improving safety by preparing glove box users to be more plant ready, whilst reducing the time needed for on-the-job training. To determine whether the enhanced training programmes reduce the time taken to train on a facility - if the maximum is set at less than the old training on site this measure should identify whether this is being met through the actual length of time training on the offline Glove Box Training Facility. These standards and training programmes will provide the benefit of comparing how long it takes for Alpha workers (Groups A&B) to become fully operational. The ultimate objective is to determine whether the enhanced training programme reduces the time taken to train on a facility - if the maximum is set at less than the old training on site- then the natural measure is to identify whether this is being met through the actual length of time on the GBTF.	

	<p>This project will achieve identification of generic glove box faults and learning.</p>		<p>This project will provide a comprehensive current information asset portal for Alpha programmes and ARC.</p>	<p>Cross-organisational group of Subject Matter Experts for the Technical Workstream.</p>	<p>This project will help to feed the pipeline for nuclear workers by providing an understanding of the industry through secondary education curricula. (Source of information for KPI - report received by SL from Developing Experts)</p>	
	<p>This project will improve safety and improve time to deliver alpha programmes by approximately 1/3.</p>					