



# Secure Data Environments for Research and Development

## Evaluation Criteria

The evaluation framework below will be used to evaluate your Expression of Interest.

There are 4 categories, each with an equal weighting of 25%. Each criterion within a category will be scored 0 to 2.

Categories 1-3 will be scored based on the response provided to specific questions. Category 4 is a more holistic and subjective assessment of your ability to successfully deliver this project within the necessary timescales. This will be based on the overall strength of your submission, the degree of existing collaboration within your partnership and commitments to deliver other large-scale digital programmes funded by NHS England

Category	Criteria	Score: 0	Score: 1	Score: 2	Weighting
	1.1 Current GP registered population covered at start of SDEs for R&D programme and plans to scale	< 2 million with no obvious plans to scale	< 3 million GP registered population. Limited plans to scale or unclear whether stakeholder commitment to do this.	> 3 million GP registered population. Stakeholder commitment to scale to at least 5 million.	

1.Partnerships, public and patient engagements	1.2 Strength of existing SDEs for R&D partnership and plans for expansion	Small number of similar organisations in emerging SDEs for R&D partnership	Established SDEs for R&D partnership with diverse set of partners but limited evidence of delivery together on data for R&D and some plans for further collaboration (other partners / localities)	Very well established SDEs for R&D partnership with diverse set of committed partners and evidence of delivery together on data for R&D, and plans for further collaboration (other partners/ localities)	25%
	1.3 SDEs for R&D partnership has existing or planned research initiatives, with a focus on multimodal data and collaborations with industry partners	SDEs for R&D partnership has limited existing / planned research initiatives SDE for R&D partnership has no track record of industry collaboration	SDEs for R&D partnership has well established / planned research initiatives and/or some evidence of industry collaboration SDE for R&D partnership has limited track	SDEs for R&D partnership has extensive research / innovation initiatives including some that can demonstrate use of the SDEs for R&D for life sciences research in the next 12	

			record of industry collaboration	months using multimodal data. SDEs for R&D partnership has proven track record of industry collaboration	
	1.4 Patients and the public are proactively involved in governance structures and decision making in the SDEs for R&D partnership	Some evidence of patient and public involvement in the SDEs for R&D partnership, but representatives have limited role in governance decision making	Good evidence patient and public involvement in the SDEs for R&D partnership, with representatives having a role in governance and decision making	Strong evidence of patient and public involvement in the SDEs for R&D partnership, with representatives having a clear role in governance and decision making. Approach considered exemplary and could be used as blueprint for other SDE for R&D partnerships	
	1.5 SDEs for R&D partnership is engaging patients and the public to	No patient and public engagement to date on data for	Some patient and public engagement to	High levels of patient and public engagement to	

	build trust and transparency, and is developing wider communication plans	R&D and limited plans	date and plans to expand	date, with findings feeding into SDEs for R&D programme development, and clear plans to continue/expand	
	2.1 Clear strategy for the technical infrastructure and architecture for the SDEs for R&D, with roadmap to align to the NHS SDEs technical capability specifications (see Appendix C)	Limited details provided. Unclear about the strategy for the SDEs for R&D and whether the partnership has plans to meet the SDE technical requirements over time	<p>Good description of existing design strategy and high-level roadmap with regards to:</p> <ul style="list-style-type: none"> <li>• Existing architecture</li> <li>• Plan for data warehousing</li> <li>• Plan for Analytical &amp; tooling</li> <li>• Plan for infrastructure</li> </ul> <p>Clear intent to meet and align with the SDEs for R&amp;D minimum technical specification and</p>	<p>Excellent description of existing design strategy and high-level roadmap with regards to:</p> <ul style="list-style-type: none"> <li>• Existing architecture</li> <li>• Plan for data warehousing</li> <li>• Plan for Analytics &amp; tooling</li> <li>• Plan for infrastructure</li> </ul> <p>Clear strategy on how locality will meet the SDEs for R&amp;D minimum technical specifications and</p>	

2. Technology, data assets and operations			five safes framework	five safes framework. Approach considered exemplary and could be used as blueprint for other SDEs for R&D partnerships	25%
	2.2 Current data assets available for research and innovation, with clear timescales to have multimodal data available	Limited number of current data assets available and lack of plan to have multimodal data available	Availability of some data assets. Lack of timescale to have multimodal data available	Availability of different types of multimodal data (e.g., GP, EPR, imaging, pathology, genomics) that can be used within first 12 months for research and/or rapid timescale to have multimodal data available with clear commitments from data controllers	

	2.3 SDEs for R&D Operational Model	Limited description with regards to SDEs for R&D Operation Model	<p>Developing SDEs for R&amp;D Operational model which consist of following topics:</p> <ul style="list-style-type: none"> <li>• Operational Services</li> <li>• Technical and data</li> <li>• Commercial &amp; finance</li> <li>• Comms and marketing</li> <li>• User permissions</li> <li>• Research support services</li> </ul>	<p>Comprehensive description of current /planned SDEs for R&amp;D Operation Model which consist of:</p> <ul style="list-style-type: none"> <li>• Operational Services</li> <li>• Technical and data</li> <li>• Commercial &amp; finance</li> <li>• Comms and marketing</li> <li>• User permissions</li> <li>• Research support services</li> </ul>	
	3.1 Established senior, multi-disciplinary leadership team (consult on definition with Appendix E – SDEs for R&D FAQs) with appropriate skills and expertise	Limited leadership team in place	Developing a multi-disciplinary senior leadership team	Multi-disciplinary senior team in place with appropriate skills, expertise, and capacity to deliver	

3.Governance	3.2 Clear and operational governance framework	No clear plans with regards to governance framework	Process of developing the governance framework	Management framework in place with regards to processes, decision making and roles	25%
	3.3 Functioning Data Access Committee for SDEs for R&D	Data Access Committee is yet not set-up for SDEs for R&D. Researchers need to navigate multiple separate data access committees aligned to individual organisations	Agreement to develop single Data Access Committee for SDEs for R&D. Work in progress to standardise processes across different Data Access Committees to improve research user experience	Operational Data Access Committee for SDEs for R&D in place, with representation from all NHS data controllers (or delegated authority). Patient and public representatives have key role in Data Access Committee.	
	3.4 IG policies and processes for use of data for R&D, including good progress being made on data sharing at scale of SDEs for R&D	No policies or processes for use of data for R&D at the scale of SDEs for R&D	Developing Information Governance policies and processes for use of data for R&D,	Well established Information Governance policies and processes for use of data for R&D,	

			some progress made on agreeing IG approaches with data controllers for R&D	significance progress made on data sharing including consideration of compliance with legal frameworks	
	3.5 Process for ethics approval	No process for ethics approval	Developing process for ethics approval within governance framework for all research partners	Process for ethics approval in place within governance framework for all research partners	
4.Ability and readiness to execute plan	4.1 Readiness to deliver	No plans developed yet or early stages of development. Low level of confidence that a minimum viable product SDEs for R&D can be implemented within 12 months	Strategic plans in the process of development but require more work. Moderate level of confidence that minimum viable product SDEs for R&D can be delivered and the ability to start supporting industry	Advanced plans already in place. High level of confidence minimum viable product SDEs for R&D including industry research outputs can be delivered within next 12 months	



			researchers within 12 months		25%
	4.2 Competing resource priorities for local digital transformation (Front Line Digitisation, Federated Data Platform)	Large number of organisations implementing new or replacement Electronic Patient Records or have committed to deliver other digital transformation projects funded by NHS England	Moderate number of organisations implementing new or replacement Electronic Patient Records or have committed to deliver other digital transformation projects funded by NHS England	Low number of organisations implementing new or replacement EPRs or have committed to deliver other digital transformation projects funded by NHS England	