

## 01 BACKGROUND

Artificial Intelligence (AI) has significant potential to improve healthcare delivery, operational efficiency, and patient outcomes. However, adoption across healthcare organisations is often fragmented, with variation in governance, evaluation methods, procurement processes, and clinical safety approaches.



A system-wide framework was developed to support the safe, ethical, and consistent deployment of AI solutions across South East London Integrated Care System (SEL ICS).

## 02 CLINICAL PROBLEM

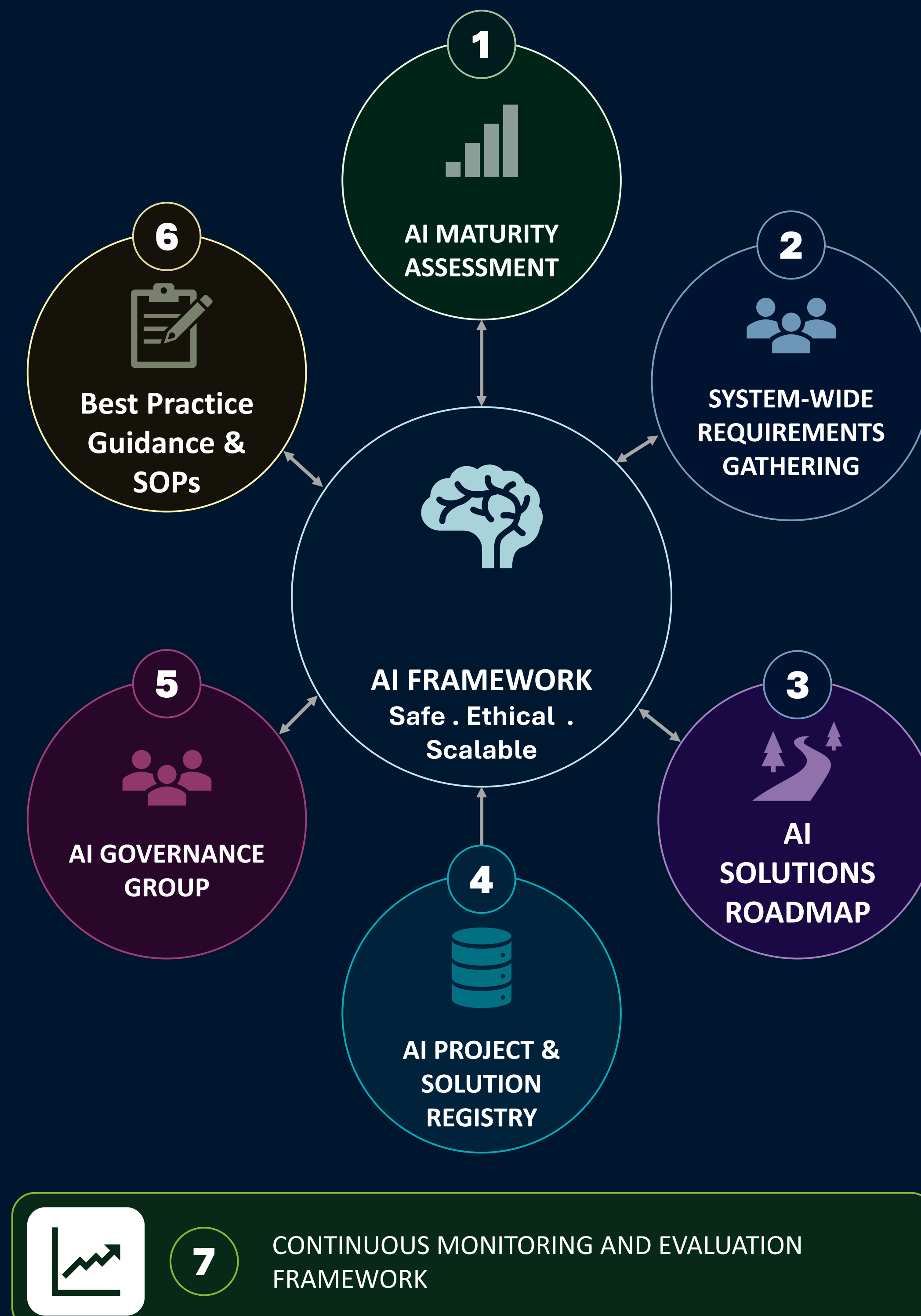
Healthcare organisations face several barriers to AI adoption:

- ✓ Lack of standardised governance and assurance processes
- ✓ Limited visibility of existing AI projects and lessons learned
- ✓ Duplication of effort across organisations
- ✓ Variable approaches to clinical safety, evaluation, and procurement
- ✓ Challenges in identifying high-value AI solutions suitable for implementation

These challenges affect clinicians, operational teams, digital leaders, healthcare organisations, and ultimately patients.

## 03 CLINICAL PROBLEM

A comprehensive AI Framework was developed to enable responsible AI adoption across SEL ICS.



The framework integrates governance, tools, and processes to support the entire AI adoption lifecycle across the system.

## 04 KEY ACHIEVEMENTS – SIX WORKSTREAMS

### 1 AI MATURITY ASSESSMENT

- ✓ Stakeholder interviews completed across partner organisations
- ✓ Current AI landscape mapped
- ✓ Organisational AI maturity assessed
- ✓ System requirements identified and documented

### 2 AI ROADMAP

- ✓ Horizon scanning completed
- ✓ Validated AI solutions identified
- ✓ Clinical and operational AI roadmap developed

### 3 AI REGISTRY

- ✓ Central registry established
- ✓ AI projects catalogued across participating organisations
- ✓ Mechanism created for ongoing monitoring and reporting

### 4 GOVERNANCE

- ✓ Multi-organisational AI Governance Group established
- ✓ Terms of Reference developed and approved
- ✓ Governance process embedded for AI oversight

### 5 BEST PRACTICE & PROJECT DELIVERY

- ✓ Evaluation methodology developed
- ✓ Benefits realisation framework produced
- ✓ Clinical safety guidance developed
- ✓ Procurement toolkit produced
- ✓ Business case templates created
- ✓ Project implementation blueprints established

### 6 MONITORING & ADOPTION

- ✓ Continuous monitoring framework developed
- ✓ Adoption metrics established
- ✓ Mechanisms for sharing best practice implemented

## 05 IMPACT

The framework has established a consistent approach to AI adoption across SEL ICS by:

- ✓ Improving governance and oversight
- ✓ Supporting safe and ethical deployment
- ✓ Reducing duplication of effort
- ✓ Increasing organisational readiness for AI
- ✓ Facilitating knowledge sharing across the system
- ✓ Accelerating implementation of high-value AI solutions

## 06 SUPPORT & COLLABORATION

This project was delivered through collaboration between:

- SEL AI Centre
- Clinical and digital leaders across SEL ICS
- AI Governance Group members
- Faculty and academic supervisors
- NHS England AI and Responsible AI experts
- Deanery-supported Clinical AI Fellowship Programme

## 07 FUTURE DIRECTIONS

- Expand adoption across additional organisations
- Evaluate impact of framework-guided deployments
- Refine governance and monitoring processes
- Support implementation of priority AI projects
- Develop a sustainable model for long-term AI innovation and assurance



### ★ KEY MESSAGE ★

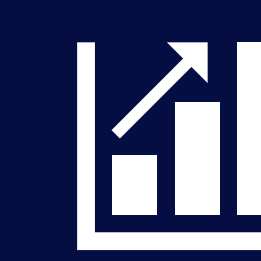
“A system-wide AI framework can provide the governance, infrastructure, and standardisation required to enable safe, ethical, and scalable adoption of AI across healthcare systems.”



SAFE AI



ETHICAL AI



SCALABLE  
ADOPTION



BETTER  
OUTCOMES



STRONGER  
TOGETHER