



Scottish Improvement Science Collaborating Centre

Strengthening the evidence base for improvement science: lessons learned

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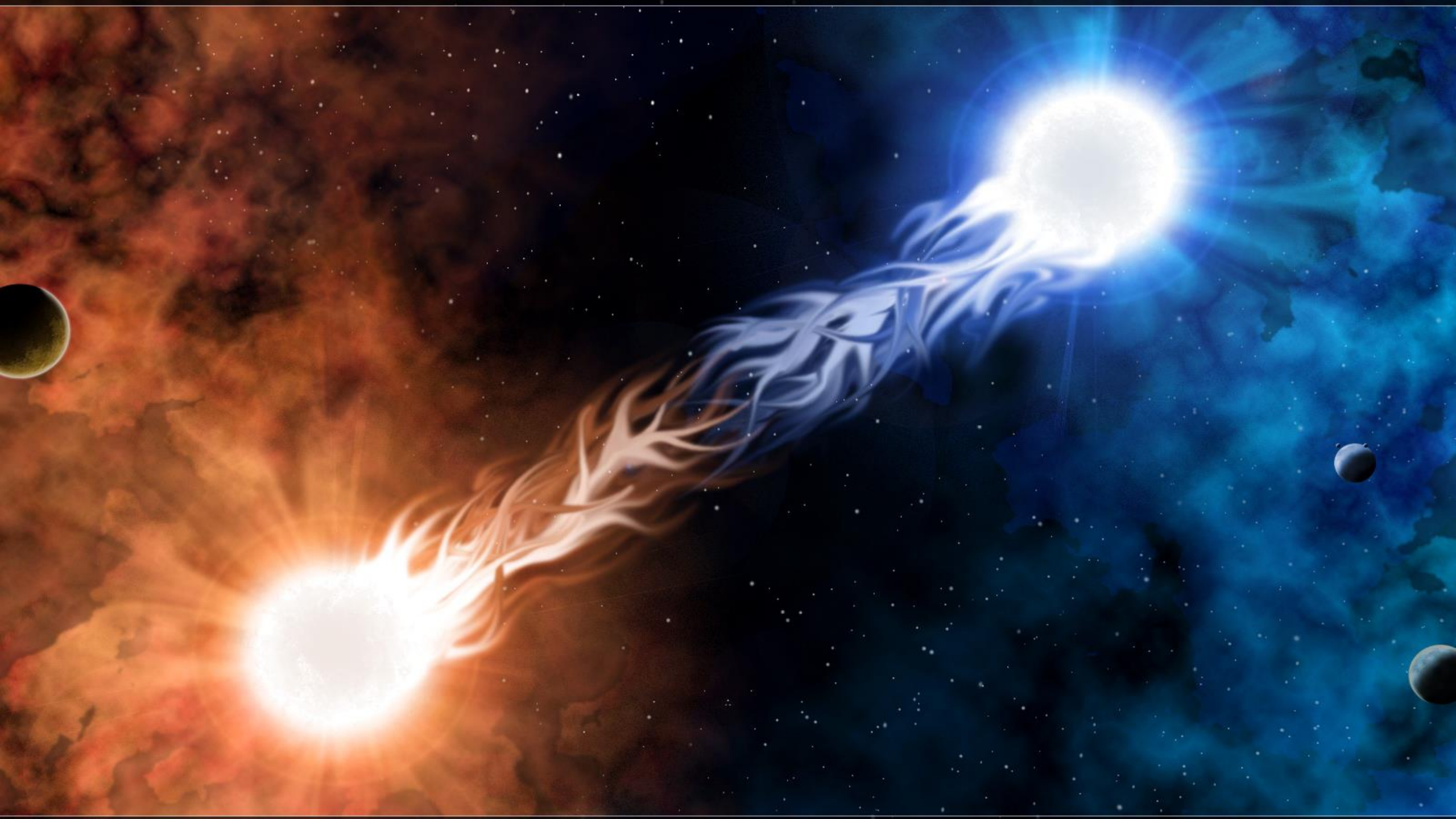


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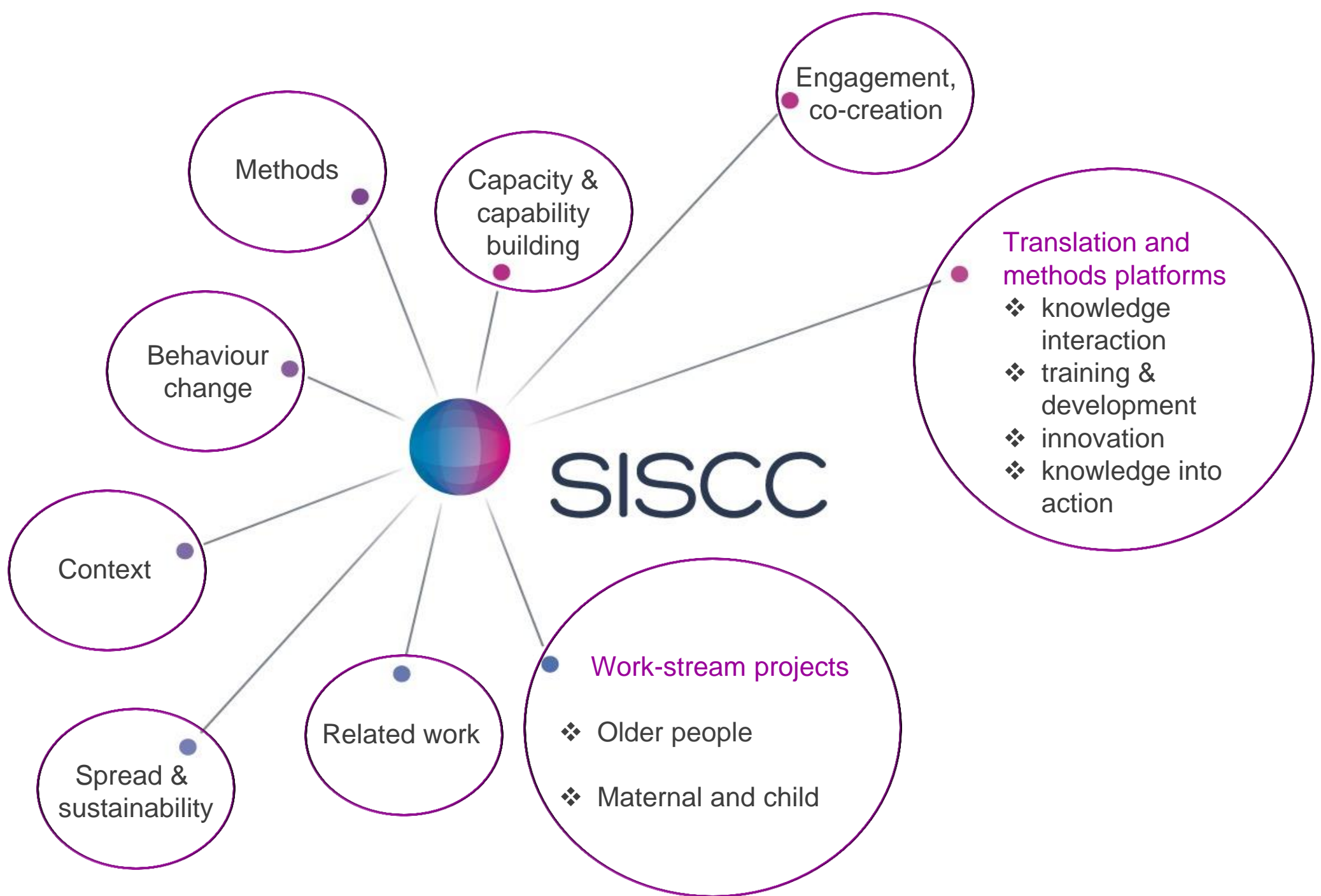


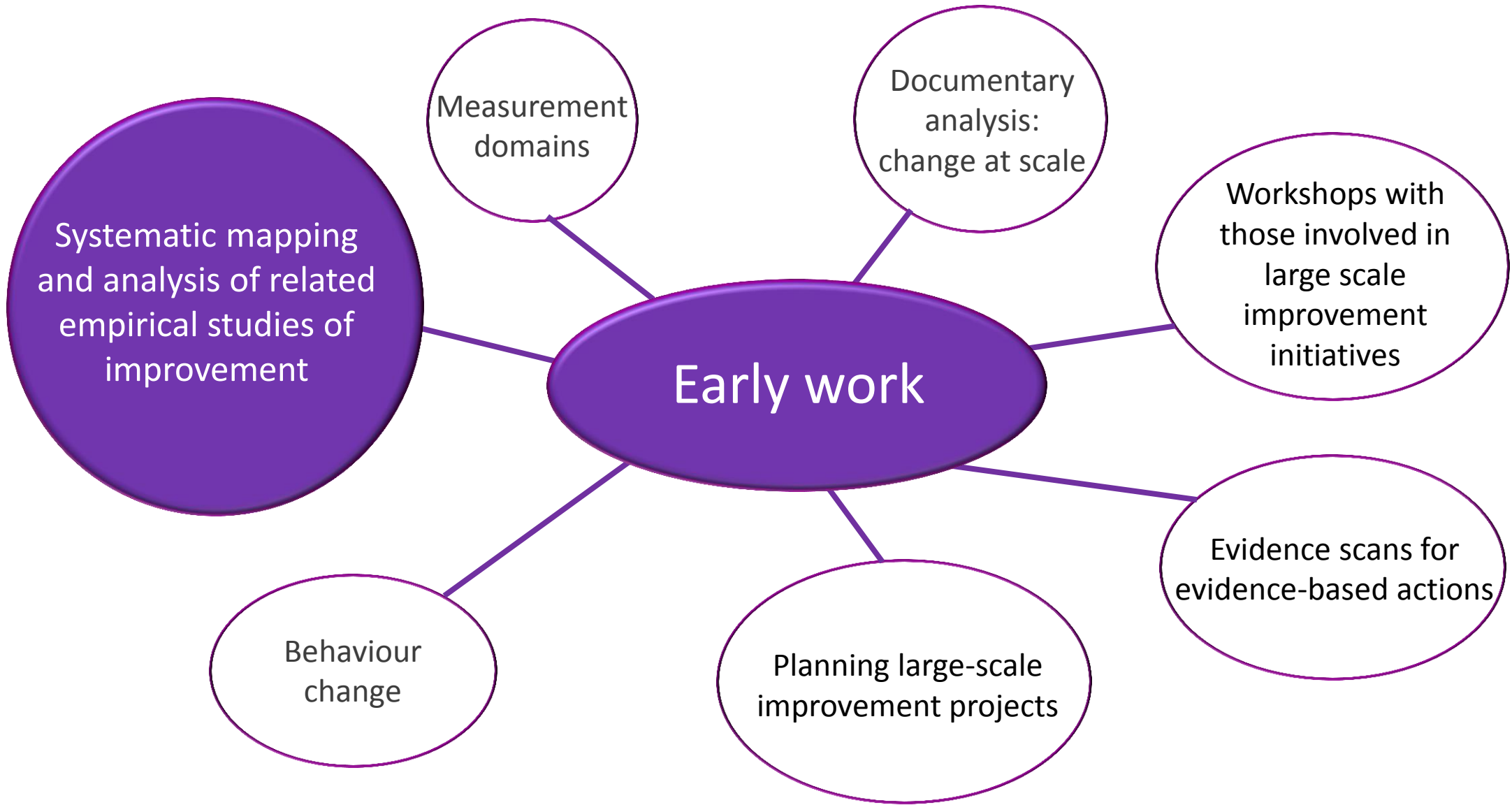






Strengthening the **evidence** base for
improving the quality of care
sustainably and **at scale**





Systematic mapping and analysis of related empirical studies of improvement

Measurement domains

Documentary analysis: change at scale

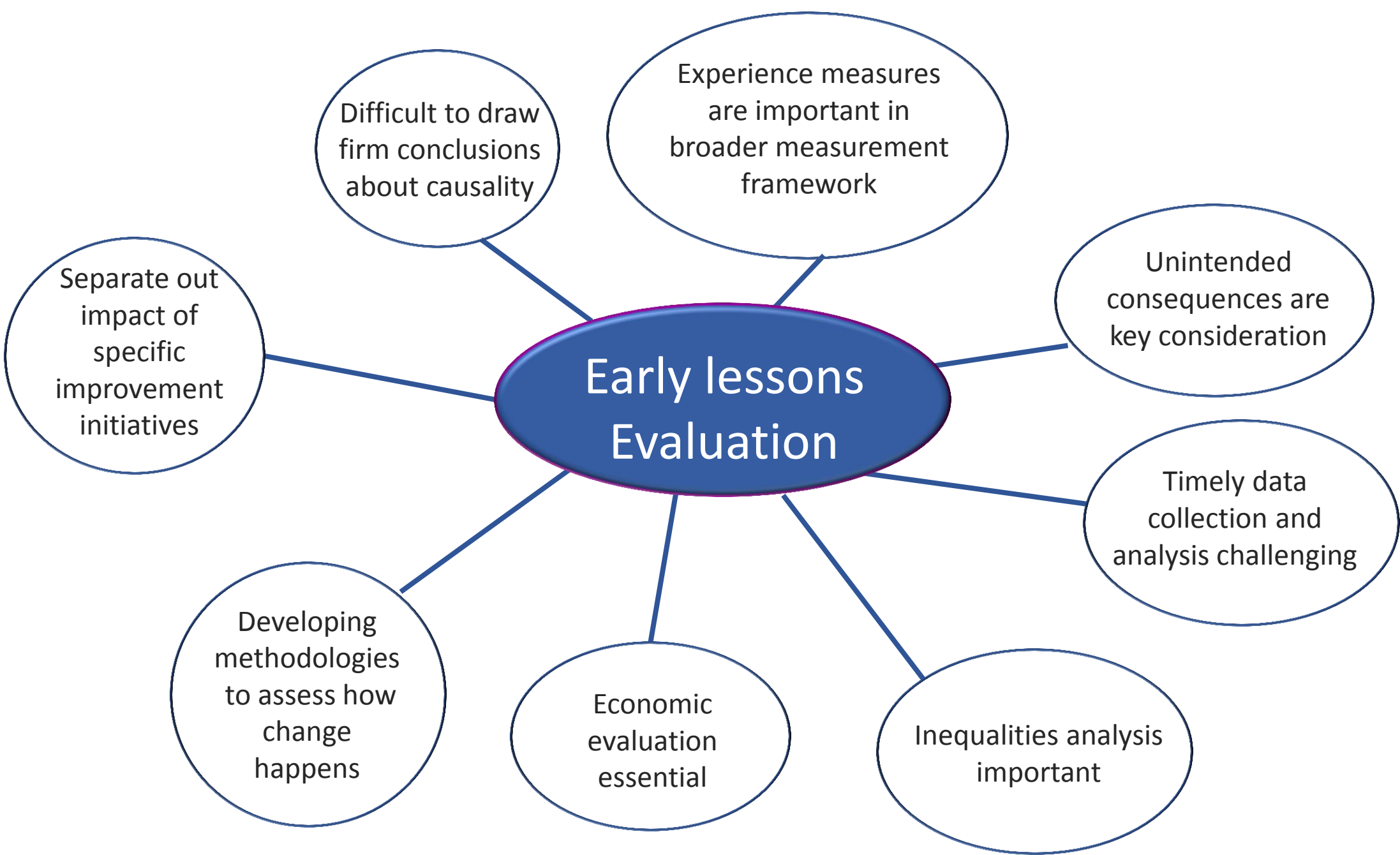
Workshops with those involved in large scale improvement initiatives

Evidence scans for evidence-based actions

Planning large-scale improvement projects

Behaviour change

Early work



Early lessons Evaluation

Difficult to draw firm conclusions about causality

Experience measures are important in broader measurement framework

Unintended consequences are key consideration

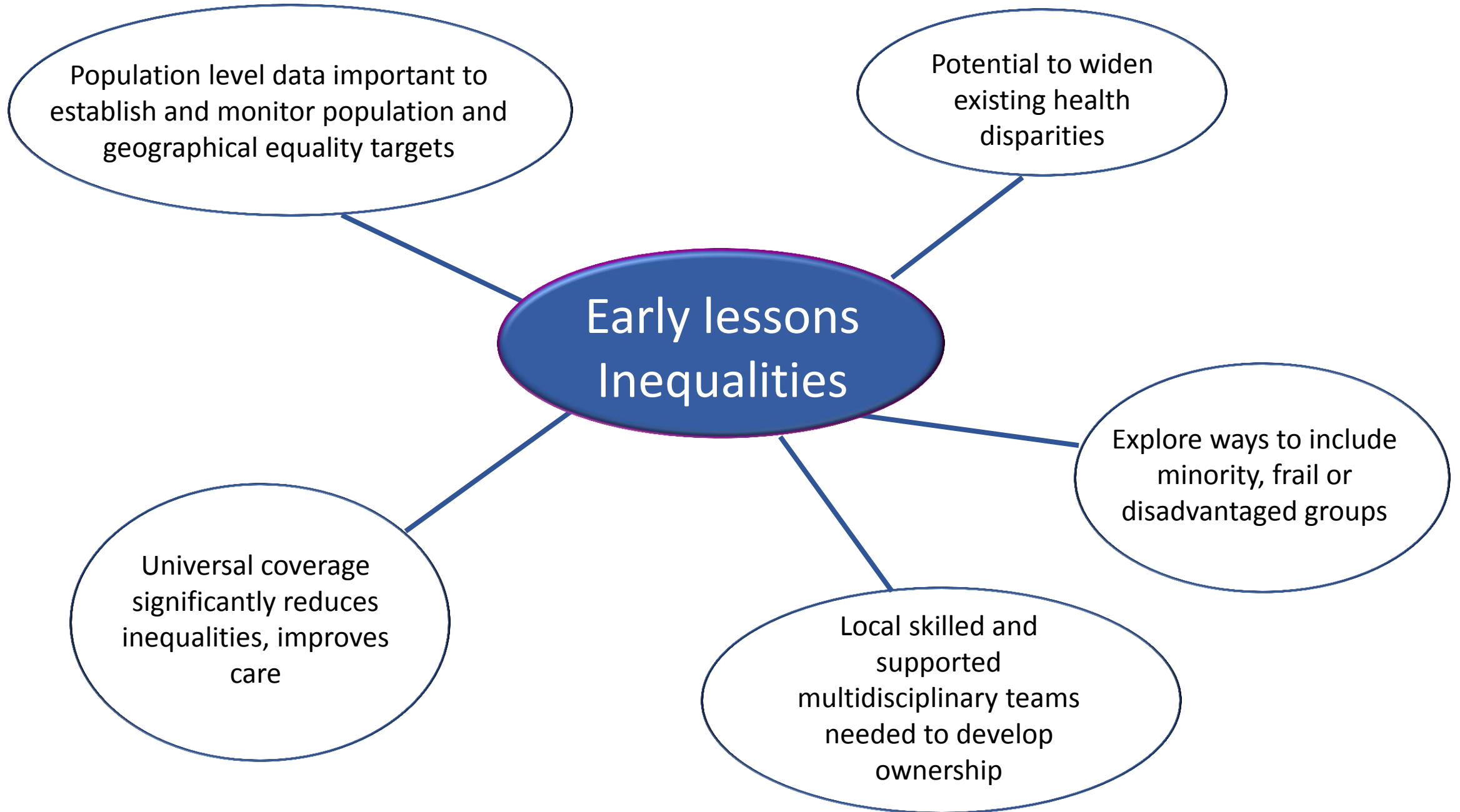
Timely data collection and analysis challenging

Inequalities analysis important

Economic evaluation essential

Developing methodologies to assess how change happens

Separate out impact of specific improvement initiatives



Acceptability and incremental changes increased by involving key stakeholders and identifying roles and relationships

Payment by results can increase access for disadvantaged groups

Early lessons
Co-creation
Multidisciplinary
Engagement & participation

Local adaption of intervention and collaborative culture in and between local unit and larger system



Using early lessons to design a large-scale improvement project: Care for babies in neonatal units and their families

Collaboration with government, national agencies, professional groups, advocacy and user groups

Potential to follow through to community context

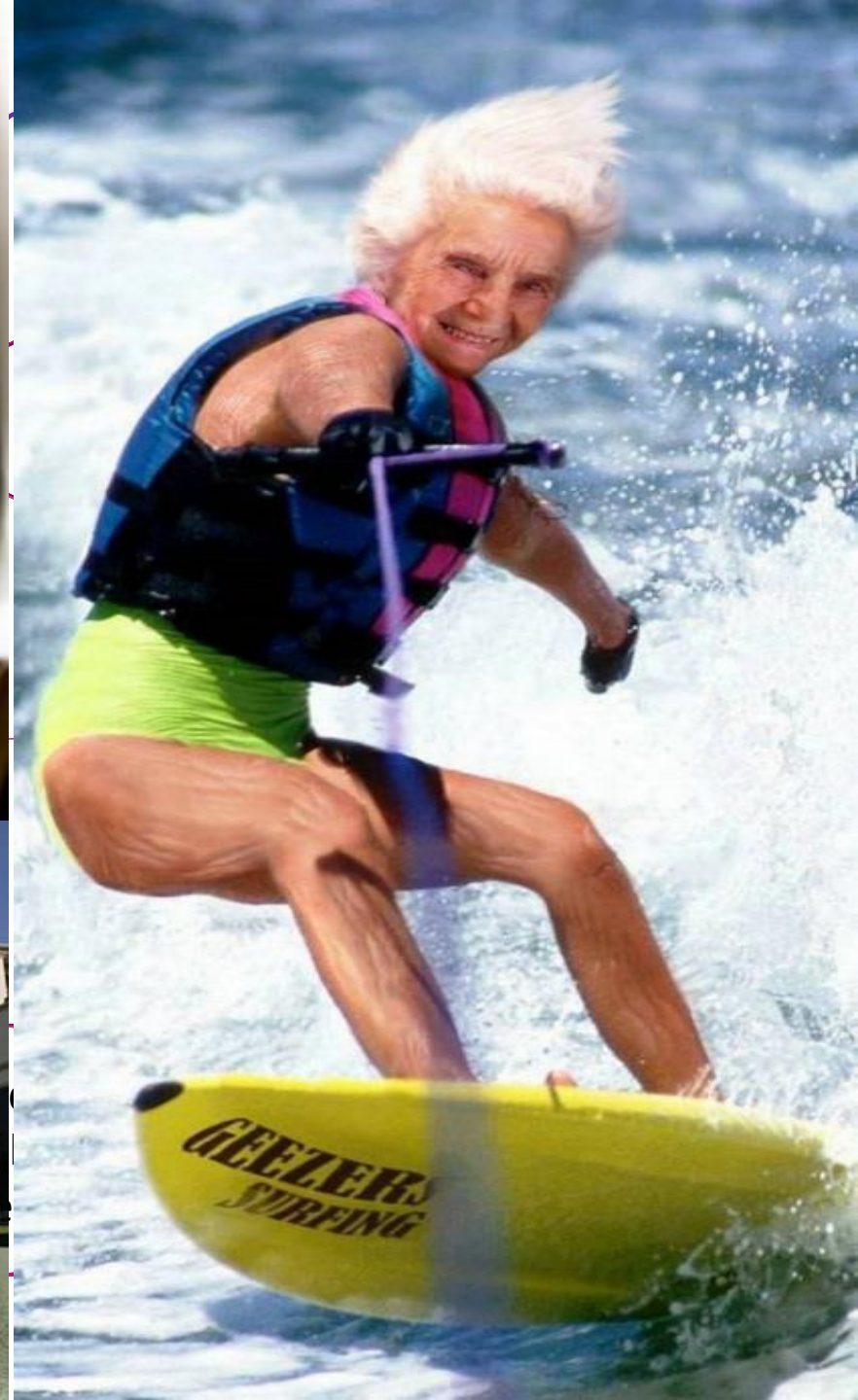
All neonatal units in Scotland: circa 6,700 babies per annum



Includes clinical, psycho-social, resource use outcomes

Drawing on lessons learned to design intervention, evaluation, engagement processes

Evidence-based actions identified - key to addressing inequalities



Our growing list of partners



Thank you!

With thanks to all involved in the work of the SISCC

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