

What Does It Take to Sustain the Gains From Hospital-wide Quality Initiatives? Evidence From a Systematic Review

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INTRODUCTION

More comprehensive theoretical and practical understandings are required to achieve sustained improvement from hospital-wide quality and safety initiatives, and to sustainably benefit the safety and quality of hospital care.

AIM

To identify **enabling and hindering factors** and their **contributions to improvement sustainability** from **hospital-wide change** to enhance patient safety and quality.

METHOD

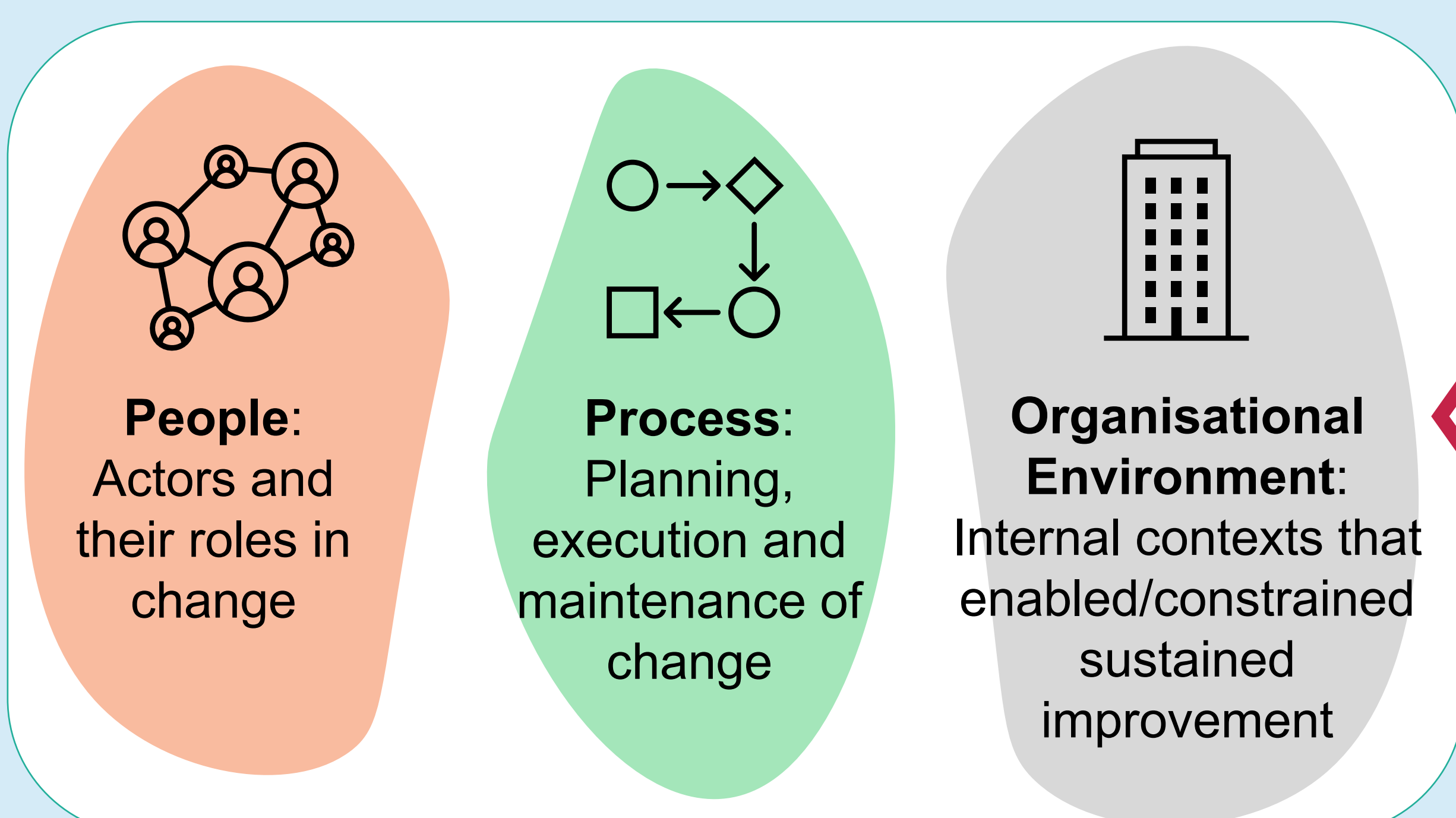
- Systematic **scoping review**
- **Grey and peer-reviewed** records (*searched: PubMed, Scopus, World of Science®, CINAHL, Health Business Elite, Health Policy Reference Centre and Cochrane Library*)
- Review inclusion criteria: 1) publication between **2010 and Nov 2020** in 2) **English**, study conducted 3) in the **western Organisation for Economic Co-operation and Development** countries, 4) **after the active implementation**, in 5) **hospital setting(s)**, on 6) **hospital-wide** initiatives, provided 7) **empirical factors** for sustained improvement

RESULTS

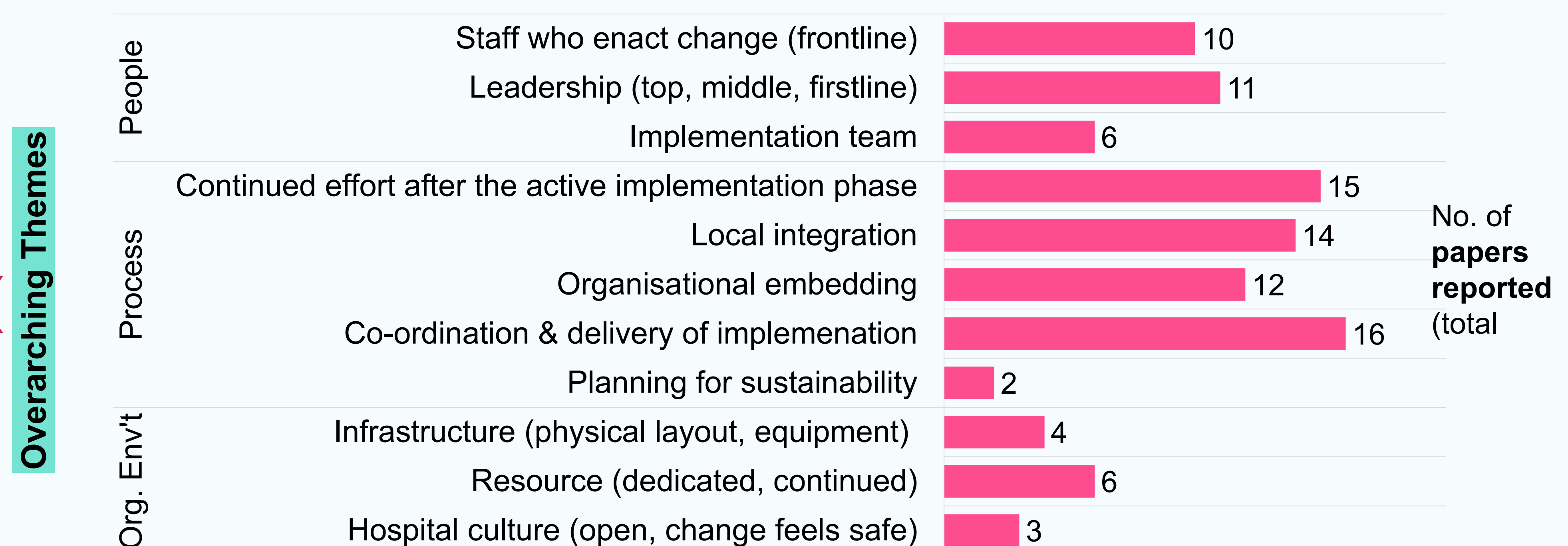
- 21,956 search returns → **17 records** (peer reviewed) included in the review
- Studies conducted **4.3 years** on average after initiative completion
- **62 enabling and hindering factors** to sustained improvement – three overarching themes: **People**, **Process** and **Organisational Environment**
- **59%** records reported the implementation of evidence based practice
- **53%** records drew on improvement science

IMPROVEMENT SUSTAINABILITY: FACTORS AND MECHANISM

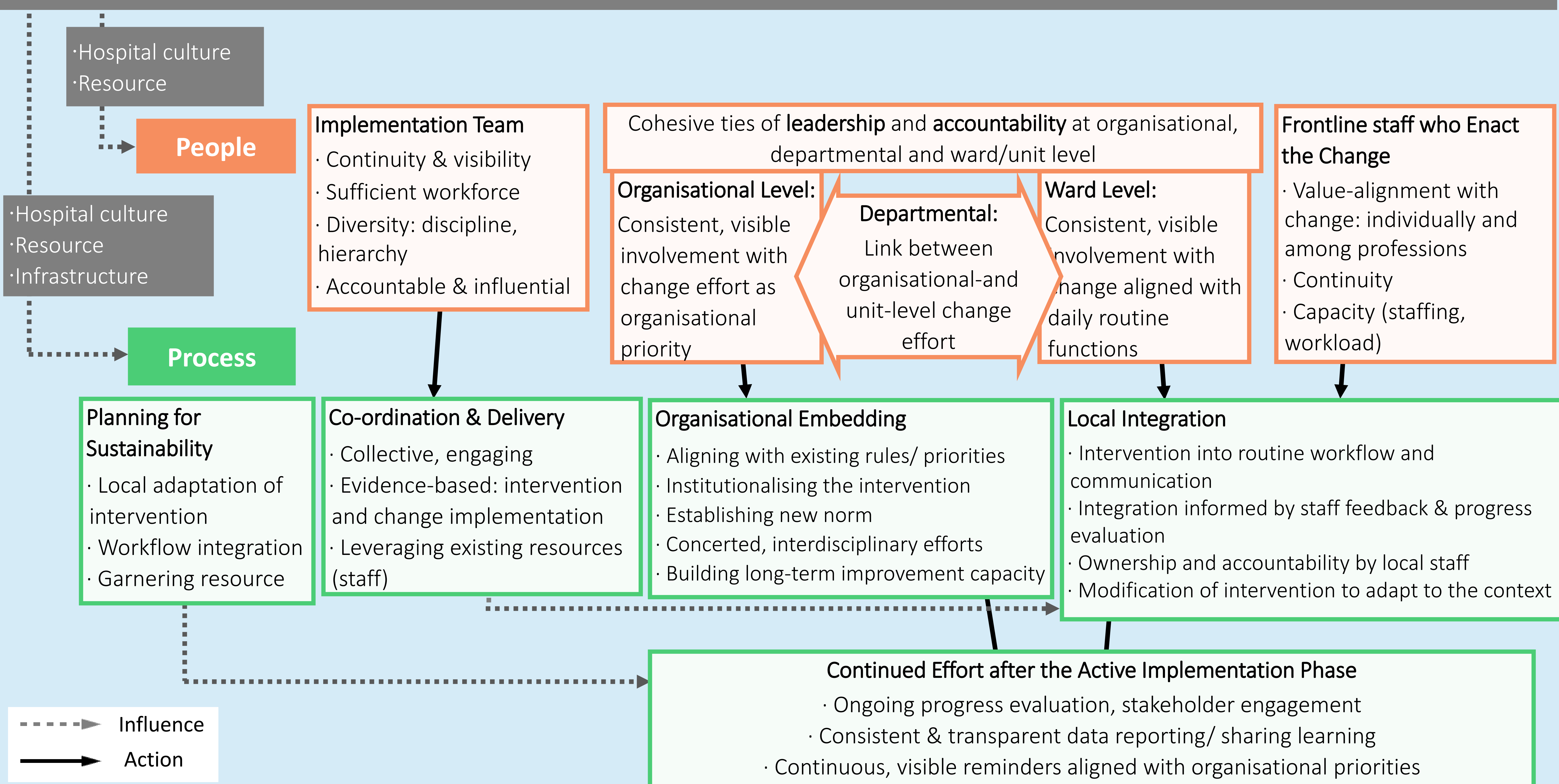
Emerged Sub-themes of the Factors for Sustained Improvement from Hospital-Wide Quality Initiatives



Sub-Themes of the Factors for Improvement Sustainability



Organisational Environment



Mechanisms of improvement sustainability:

Hospital-wide patient safety and quality initiatives



CONCLUSIONS

The findings provide contemporary empirical factors for, and the mechanisms of improvement

sustainability of hospital-wide quality initiatives to improve patient safety and quality. These extend theoretical and empirical knowledge for achieving the sustainability of large-scale change outcomes.