

# How does evidence influence decision-making on introducing innovations?<sup>1</sup>



## Systematic scoping review

### What we did

A range of evidence informs decision-making on innovation in health care, including research evidence, local data, and professional experience.

However, professional & organisational factors may impede the translation of evidence into changes in practice.

This systematic scoping review identified qualitative studies on the use of evidence in decision-making on introducing health care innovations.

Findings from thematic analysis of 24 studies were supplemented with the practical experiences of 18 health care stakeholders via focus groups.

### What we found

Evidence use is shaped by interplay between processes at the professional, organisational & local system level.

Stakeholders at the local system level (e.g. CLAHRCs) influence responses to innovation at lower levels by validating and tailoring evidence.

Focus groups highlighted the diversity of evidence used in decision-making (from published research to patient stories and infographics).

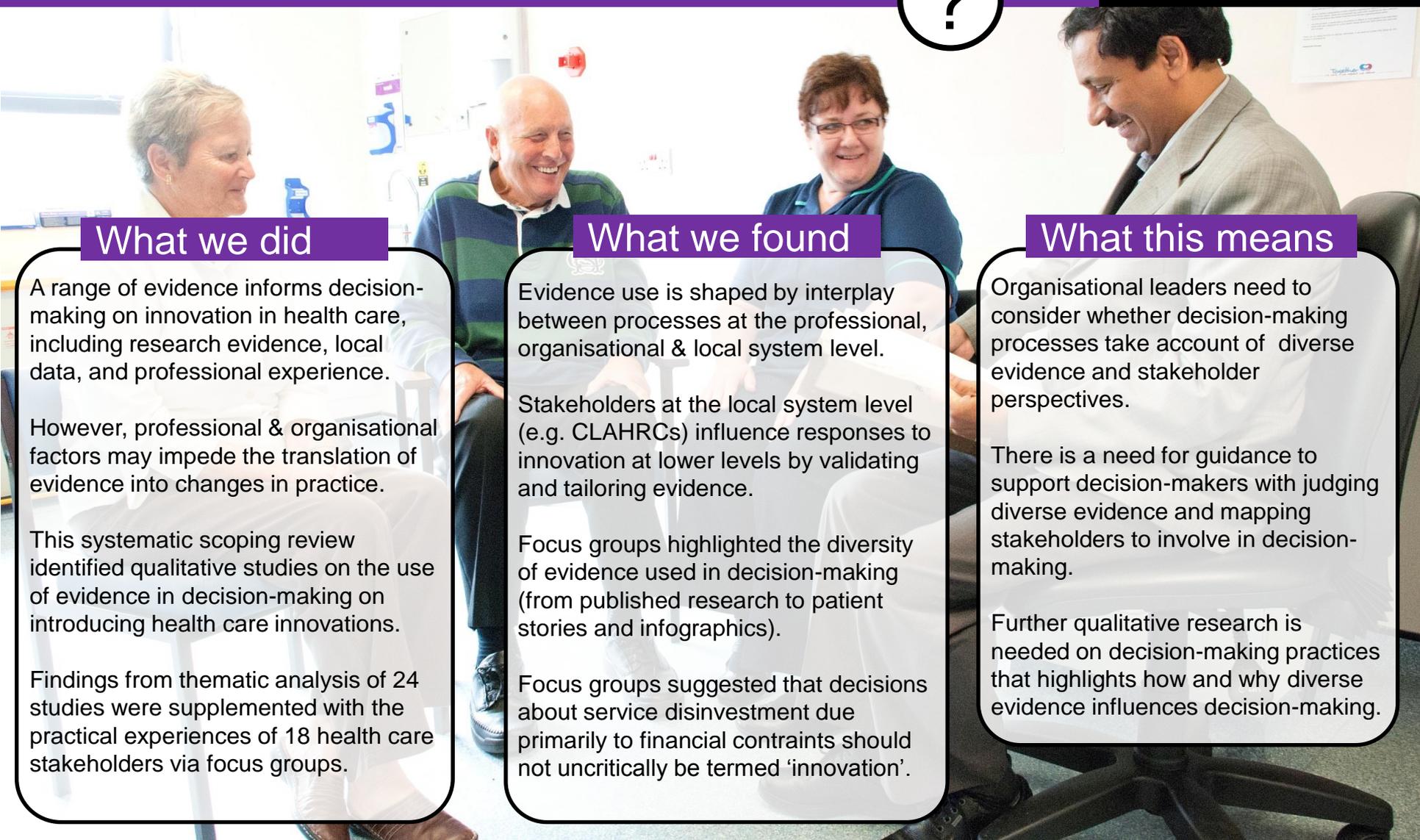
Focus groups suggested that decisions about service disinvestment due primarily to financial constraints should not uncritically be termed 'innovation'.

### What this means

Organisational leaders need to consider whether decision-making processes take account of diverse evidence and stakeholder perspectives.

There is a need for guidance to support decision-makers with judging diverse evidence and mapping stakeholders to involve in decision-making.

Further qualitative research is needed on decision-making practices that highlights how and why diverse evidence influences decision-making.



# DEcisions in health Care to Introduce or Diffuse innovations using Evidence (DECIDE)<sup>2</sup>



## Publications:

1. Turner S, D'Lima D, Hudson E, Morris S, Sheringham J, Swart N, Fulop NJ. Evidence use in decision-making on introducing innovations: a systematic scoping review with stakeholder feedback, *Implementation Science* 2017;12:145, doi: 10.1186/s13012-017-0669-6
2. Turner S, Morris S, Sheringham J, Hudson E, Fulop NJ. Study protocol: DEcisions in health Care to Introduce or Diffuse innovations using Evidence (DECIDE). *Implementation Science* 2016;11:48, doi: 10.1186/s13012-016-0412-8

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