NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Researcher, practitioner & patient partnerships to improve care: the CLAHRCs

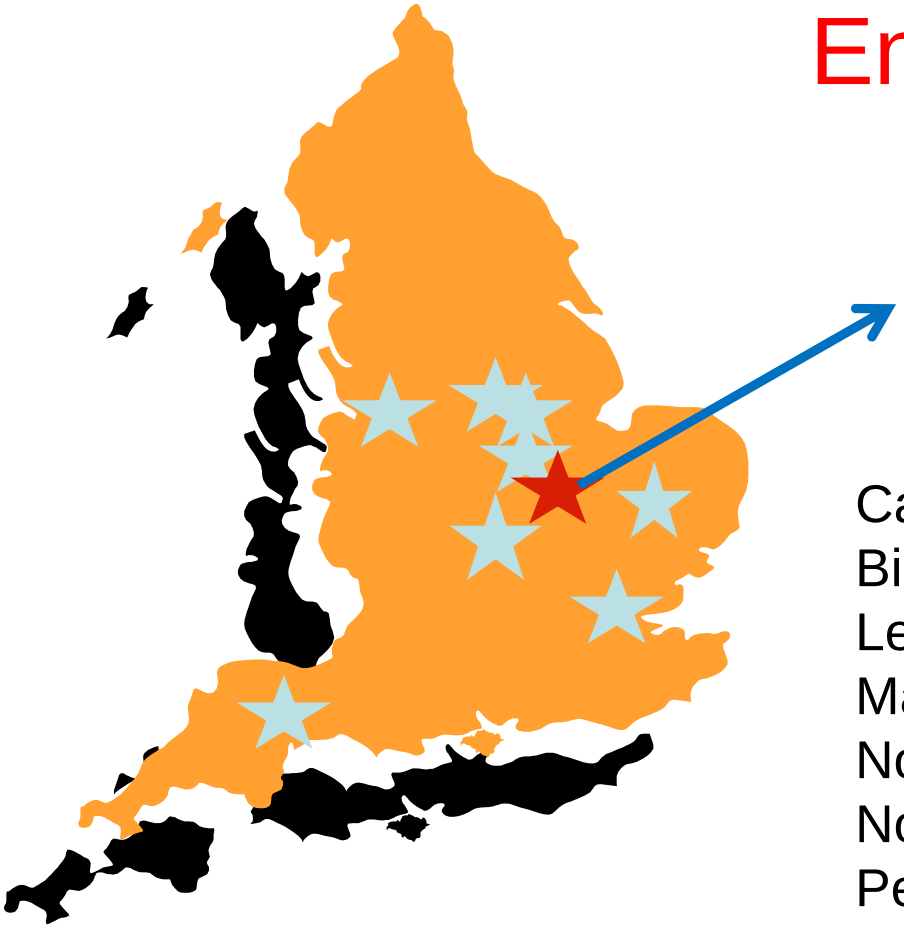
Richard Baker

7th November 2012

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

9 CLAHRCs in England



- Leicestershire, Northamptonshire & Rutland (LNR)

Cambridge
Birmingham
Leeds
Manchester
North West London
Nottingham
Peninsula
Sheffield

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

CLAHRCs

NHS
National Institute for Health Research

Call 2007 in response to Tooke's report

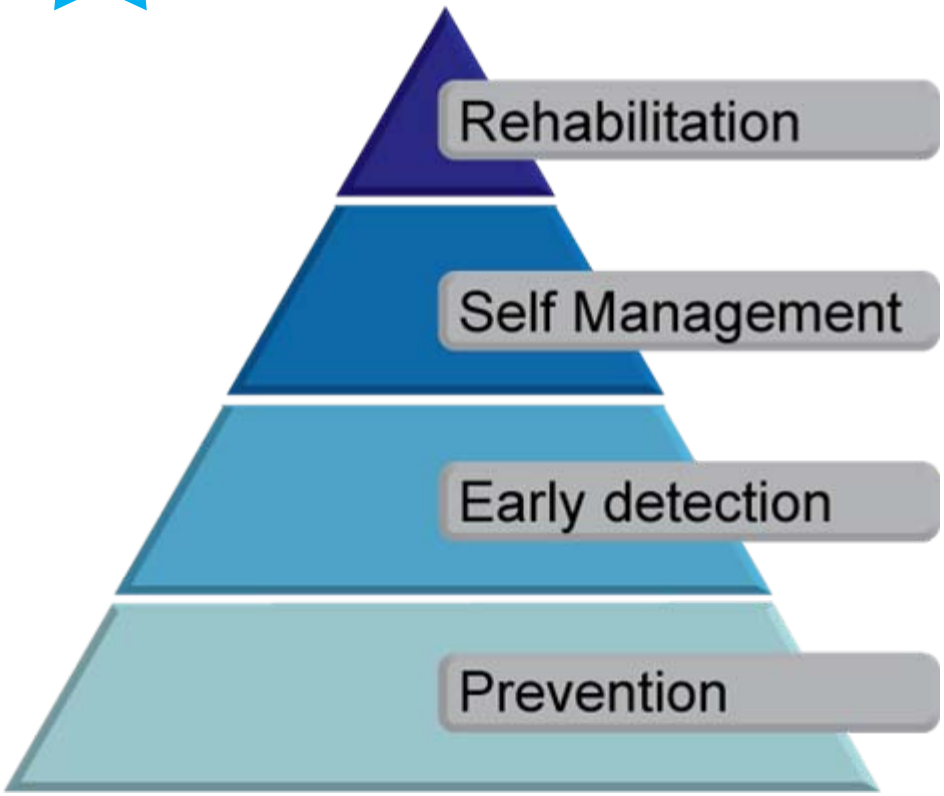
- Each to receive up to £10 million over five years from NIHR, conditional on matched funding from local partners
- To fund both research and work to translate research into practice

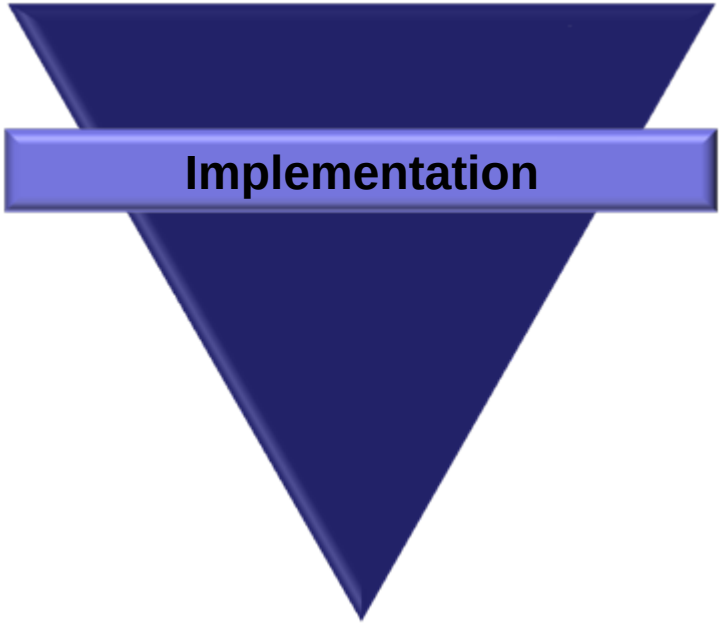
Nine CLAHRCs ultimately funded

- National Institute for Health Research (NIHR) Collaboration for Leadership in applied Health Research and Care (CLAHRC) for Leicestershire, Northamptonshire and Rutland (LNR)

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research



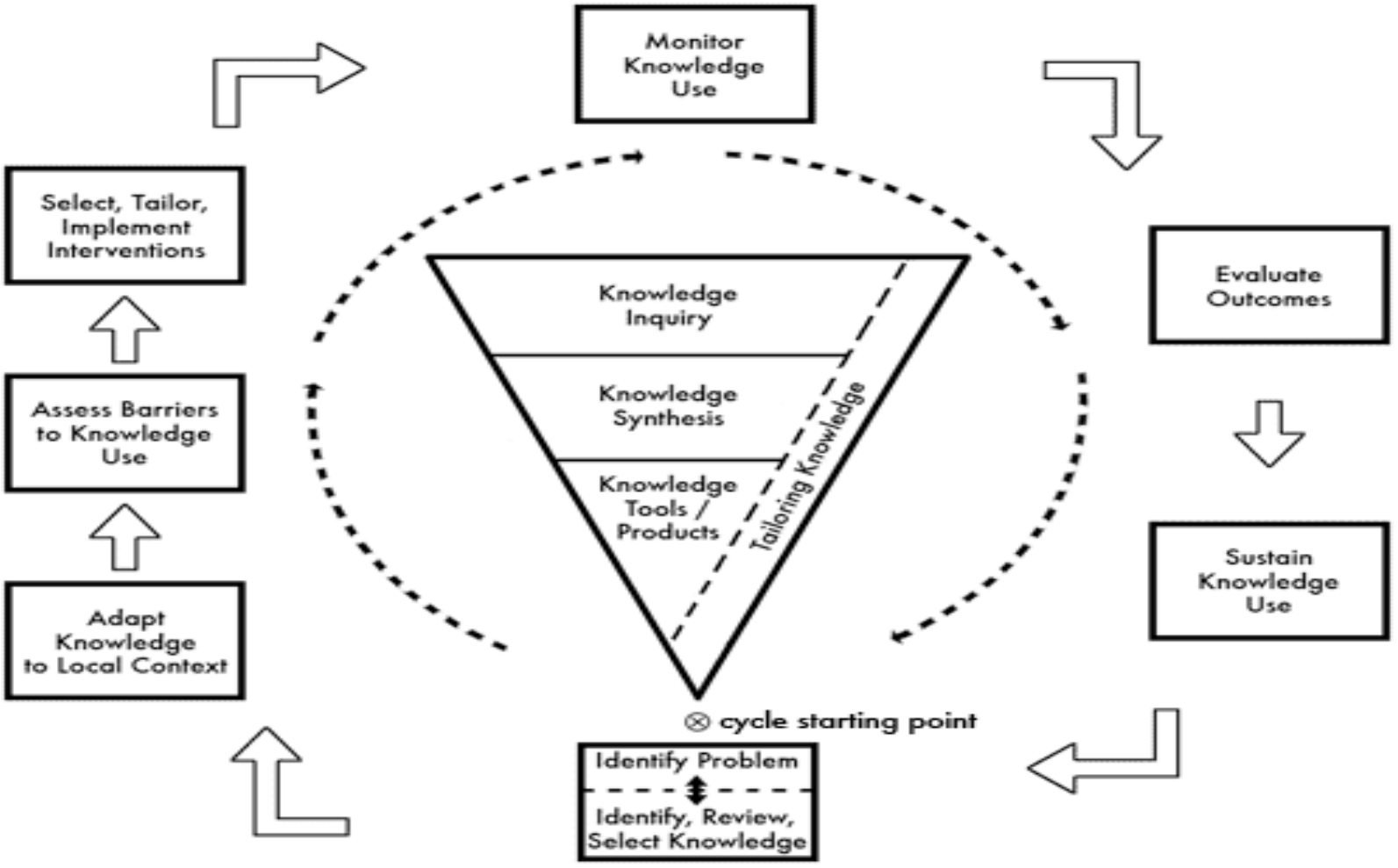


Translation into improved health

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Knowledge to Action cycle

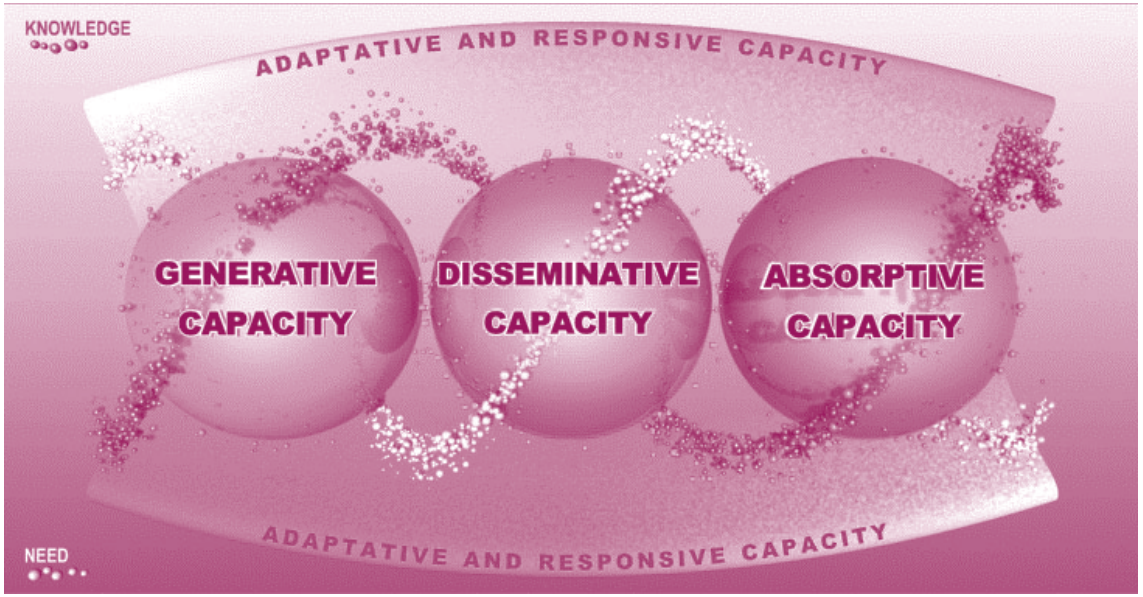


http://ktclearinghouse.ca/knowledgebase/knowledgetoaction

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Bringing change to 8 Trusts & a University



Efforts to improve the quality of care need to occur at, and be coordinated across, multiple levels such as the patient, clinician, team, organisation and policy (Clarkson et al, 2010)

- 'The components required for social systems to generate, disseminate and use new knowledge to meet their needs'
- The dynamic knowledge transfer capacity model (Parent et al, 2007)

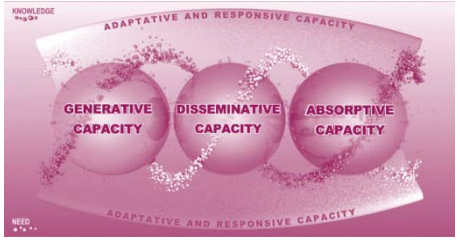
NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

DKTC model

- Generative capacity – ability to generate new or improved knowledge, and the processes & technologies that derive from it
- Disseminative capacity – adapt, diffuse knowledge through social and technological networks, and build commitment
- Absorptive capacity – ability to recognise value of new knowledge, assimilate and apply it to address relevant issues

- Adaptive – second order; the ability to reflect, and improve knowledge transfer



NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for
Health Research

What they have achieved

Applied research

Capacity development

Translation / implementation

NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Translating applied research

- In the past 18 months:
  - Research publications
  - 10,000 people recruited to studies
- For example
  - Leicester diabetes online self-assessment risk score used by >150,000 people
  - *Walking away from diabetes* implemented by 8 primary care organisations in England
  - Rehabilitation in COPD via self-management, with paper or online supported systems (& now also cardiac rehab)
  - Detection and management of CKD in 5(+) primary care organisations

PSP-CKD

NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

CKD

- Clinical researcher and Commissioning Group find a shared priority (Nene Commissioning; 2008) (NICE clinical guideline CG73 [2008])
- Primary care service (with secondary care support) to detect & manage CKD
- Experimental design, 48 practices involved initial study
- Bespoke software to identify patients
- Researchers ‘get’ the translation message
- Collaboration with GM CLAHRC
- Interest + legwork brings other PCTs/CCGs on board
- Informing the national audit
- http://www.youtube.com/watch?v=5_QGeh-T3Fw&list=PLE806F85FD3B094D2&index=6&feature=plpp_video

PSP-CKD

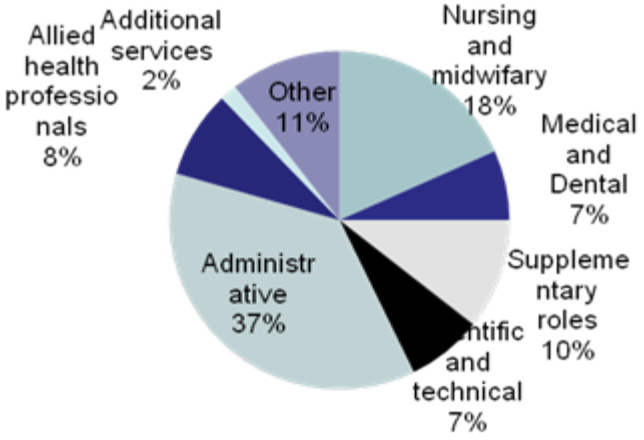
NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Capacity development

- In the past 18 months:
  - 1,500 people participated in CLAHRC training
  - Additional external research income £5.4m
- Masters programmes
  - Diabetes
  - Applied research (with research translation option)
- PhDs
- Clinical trainees
- Online courses
  - Implementation
  - Evaluation

Diabetes Diploma



NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Translation

- Facilitating the social process
  - Coordinators [7] (boundary spanners)
  - Fellows [5] (knowledge brokers)
  - Knowledge into practice (KIP) network (community of practice – online + meetings)
- Applied studies
- Implementation e.g. obesity, cancer genetics
- Trust priorities e.g. Emergency admission to hospital

NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Example – emergency admissions

- Identified as a priority by the NHS
- Joint researcher / NHS team convened
- Literature review
- Analysis of admissions data with identification of primary care predictors
- Various interventions
  - Guidelines; Improving access & continuity; Live admissions data for practices, plus focused support
- Additional external research funding
- Dissemination beyond the locality
- Leicester City has among the highest reductions in emergency admission among 65+ (Kings Fund, 2012)

NIHR CLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Challenges.1. Researchers

- Initially driven by University metrics and culture
- Gradual process
  - Understanding
  - Firm support & leadership
- Things that have helped
  - External review
  - Internal evaluation
  - Persistence
  - Experiencing the impact

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Challenges. 2. The NHS

- NHS Trusts are very large, highly complex, organizations
- Driven by externally set metrics and monitoring
- Middle management

- NHS re-organization
  - Commissioning groups an opportunity

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

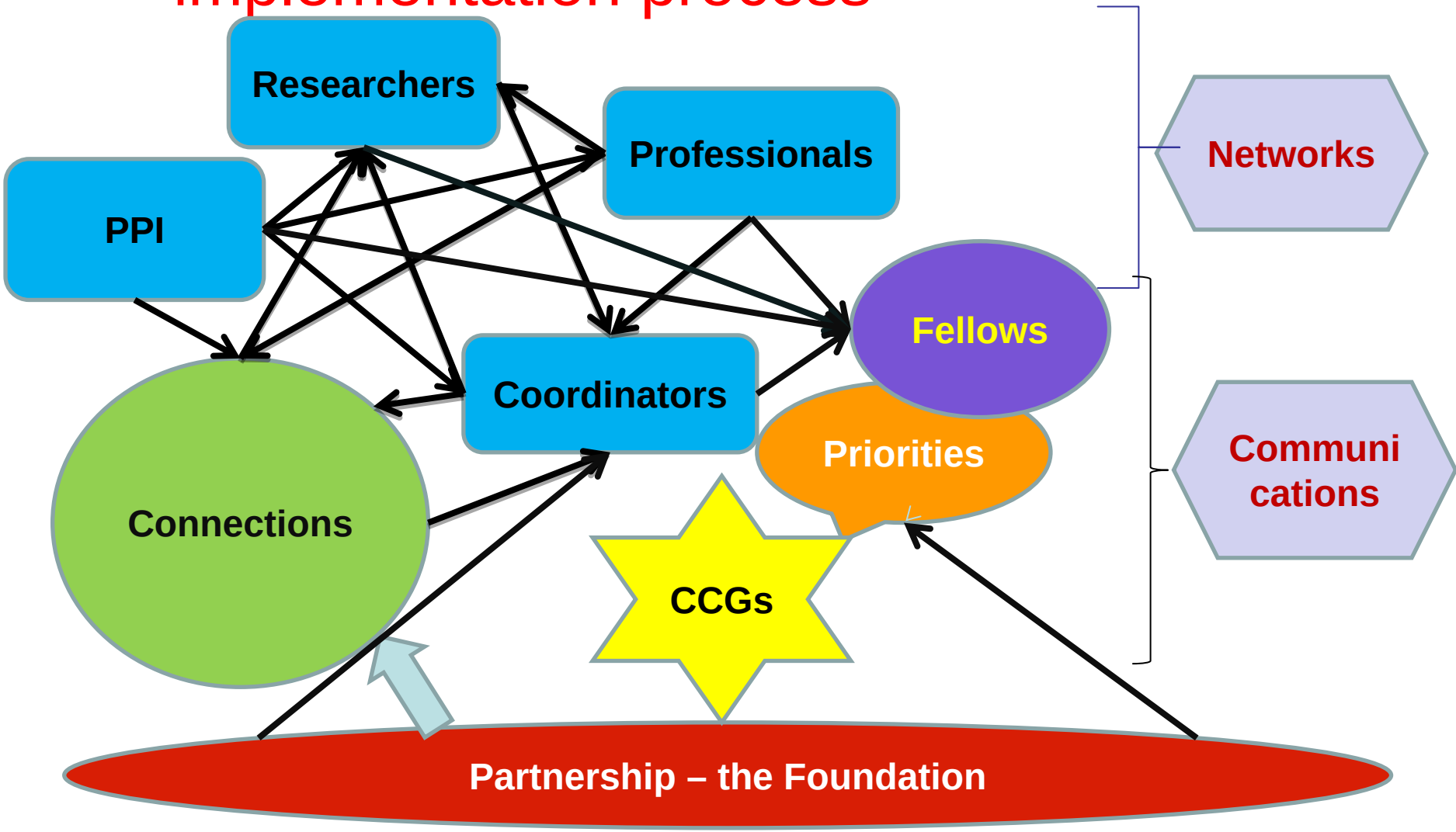
Some lessons, after 46 months

- Researcher – provider partnership can make a difference
- It takes time to establish
- And is likely to vary from place to place and from time to time
- It's easier to move researchers than providers
- Academic Health Science Networks

NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

The social process behind the implementation process



NIHRCLAHRC
Leicestershire, Northamptonshire and Rutland (LNR)

NHS
National Institute for Health Research

Partnership

http://www.clahrc-lnr.nihr.ac.uk/

rb14@le.ac.uk