

MODULE 2 | LECTURE 2A

Key frameworks for scaling up NCD programmes

Abhijit Nadkarni

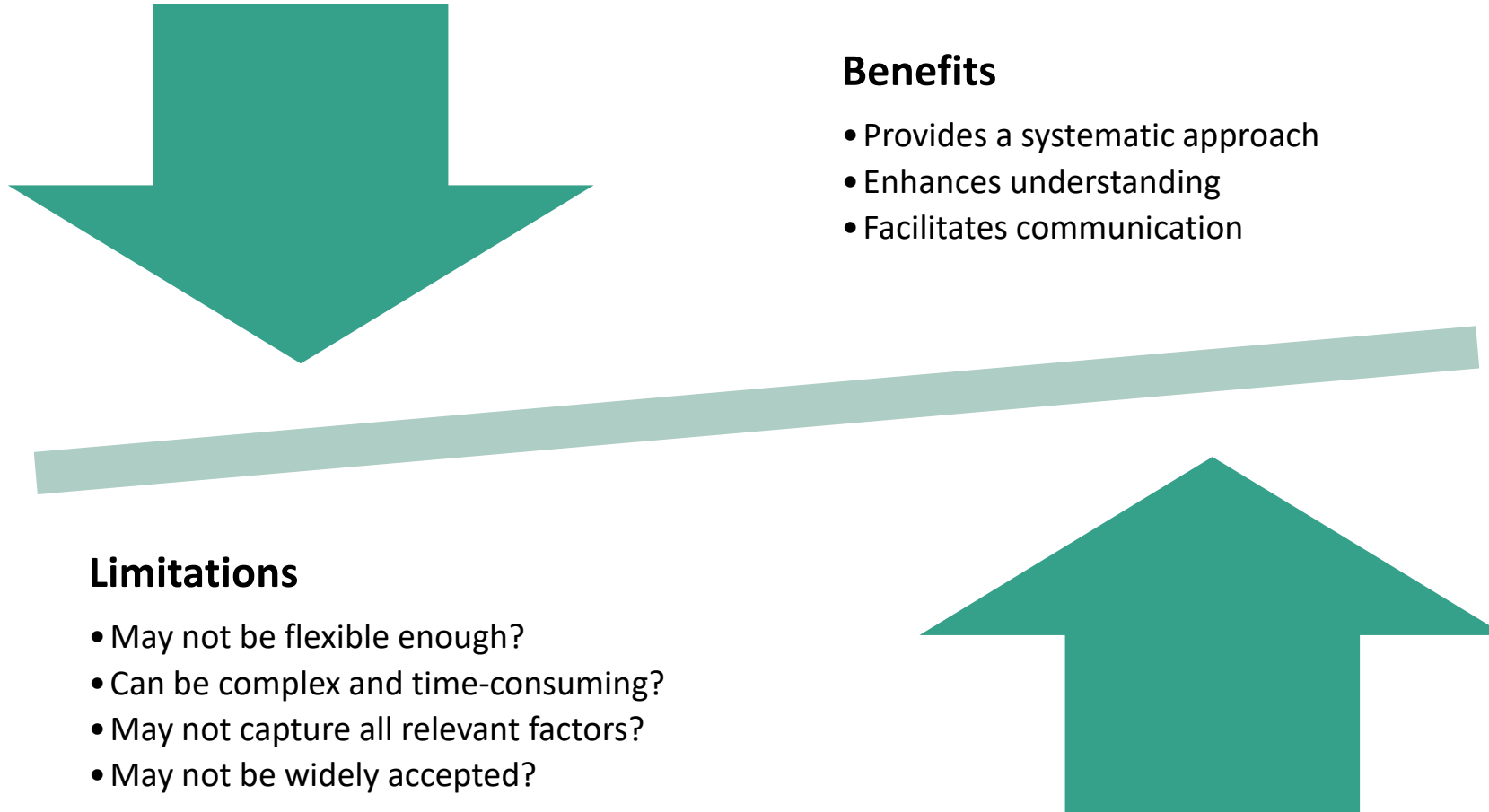
Sangath – India *and*

London School of Hygiene and Tropical Medicine – UK

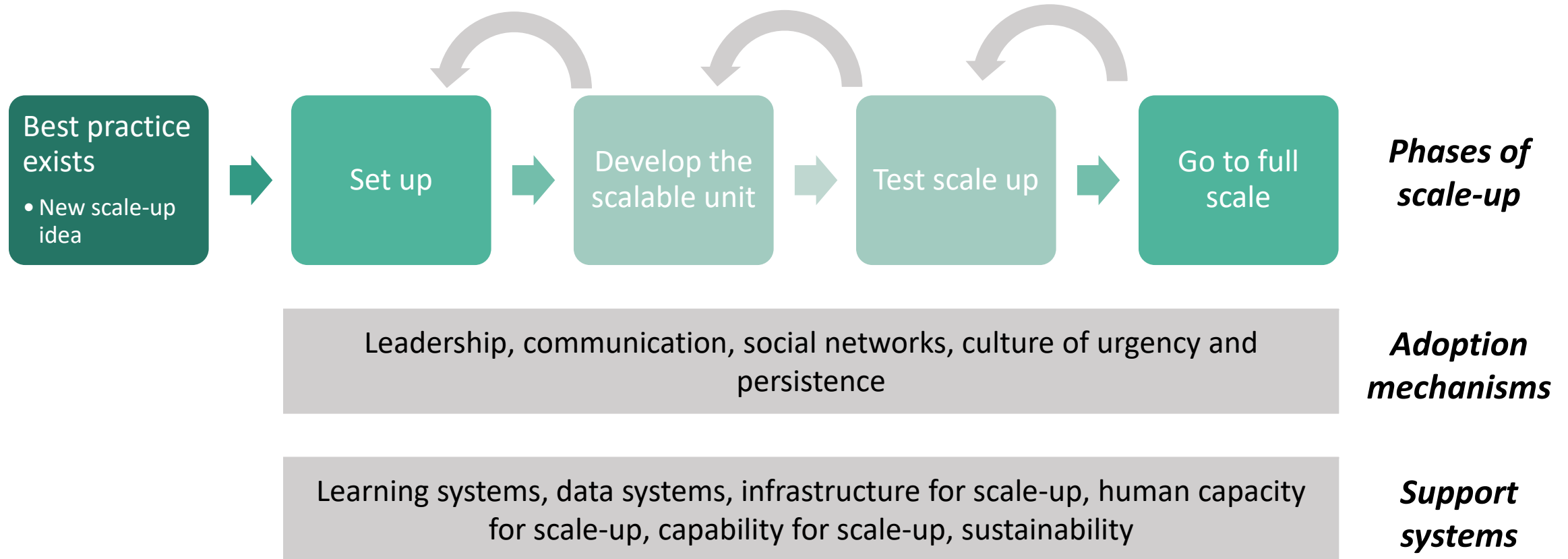
Lecture overview

- Uses of scale up frameworks
- Five example frameworks
 1. IHI Framework for Going to Full Scale
 2. ExpandNet Scaling Up Framework
 3. NASSS Framework
 4. Mayo Clinic Model of Diffusion
 5. Framework for Scaling Up Community-Based Health Promotion
- Commonalities across frameworks
- Considerations for NCD programmes

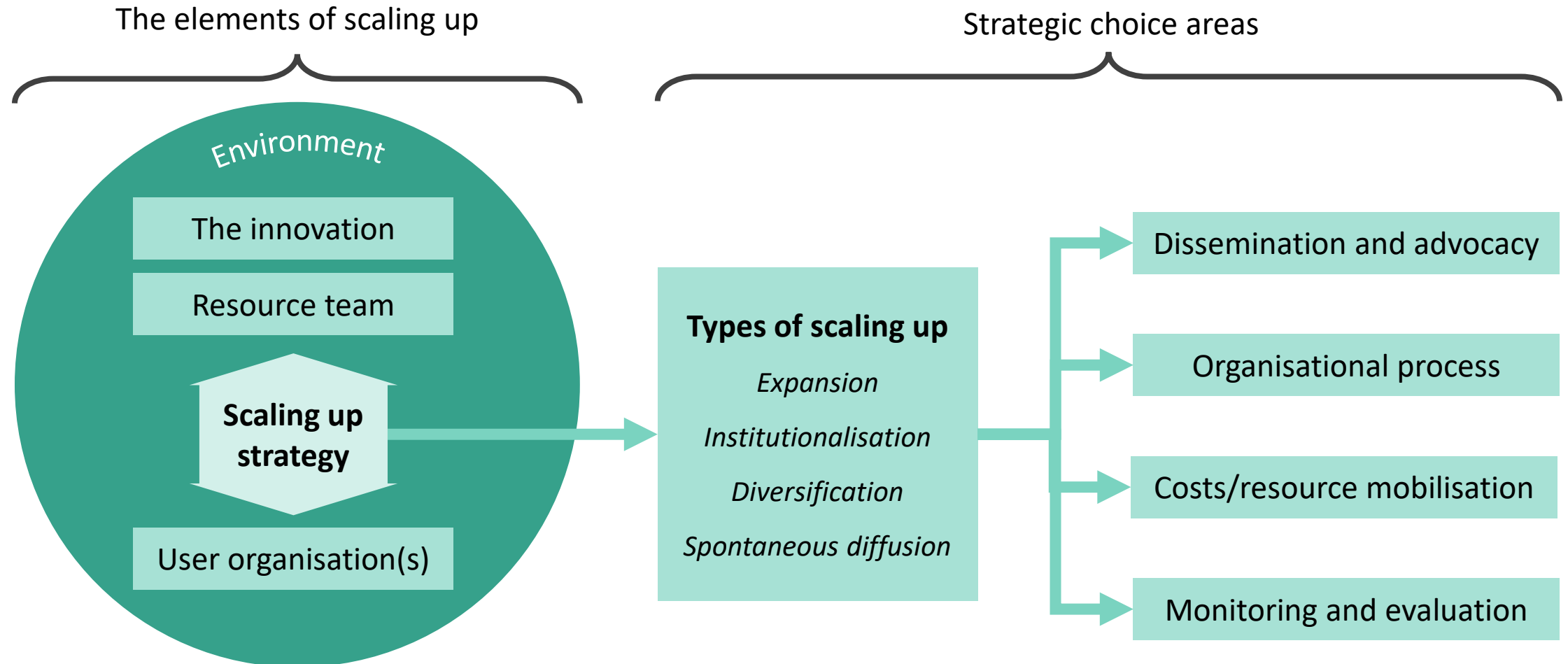
Do we need frameworks for scaling up?



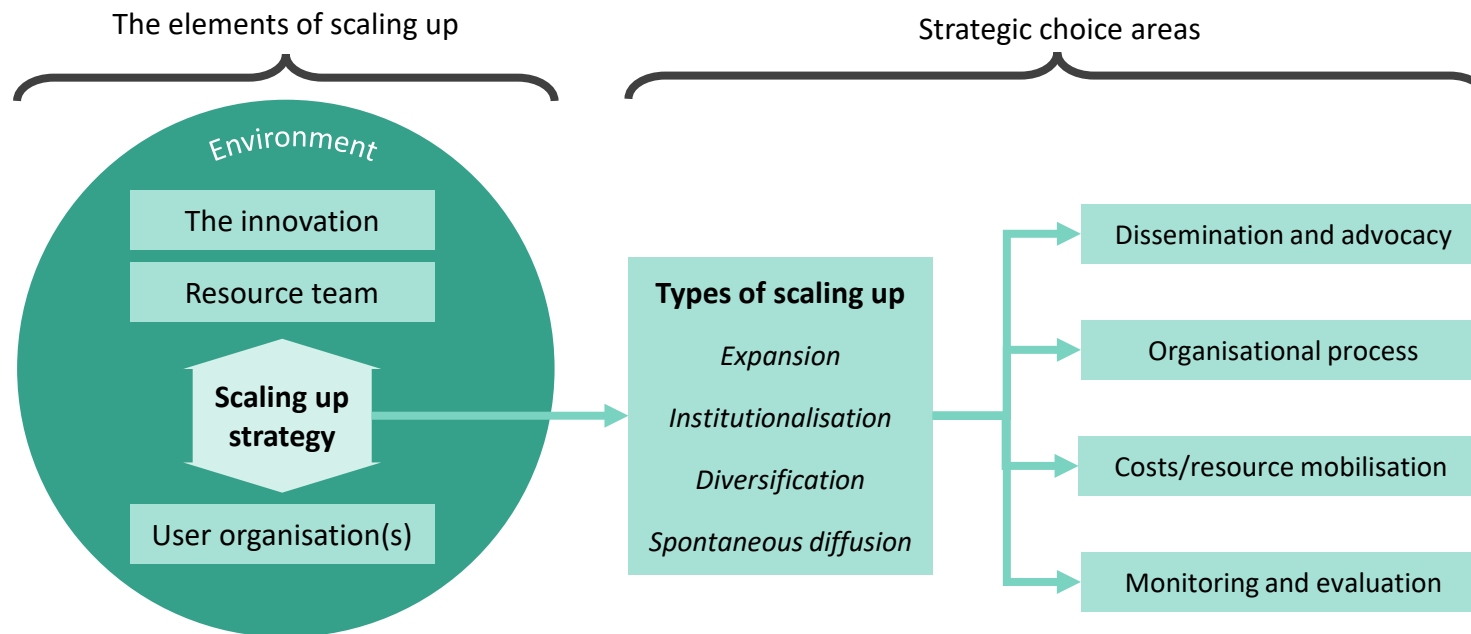
IHI Framework for Going to Full Scale



ExpandNet Scaling Up Framework



ExpandNet Scaling Up Framework



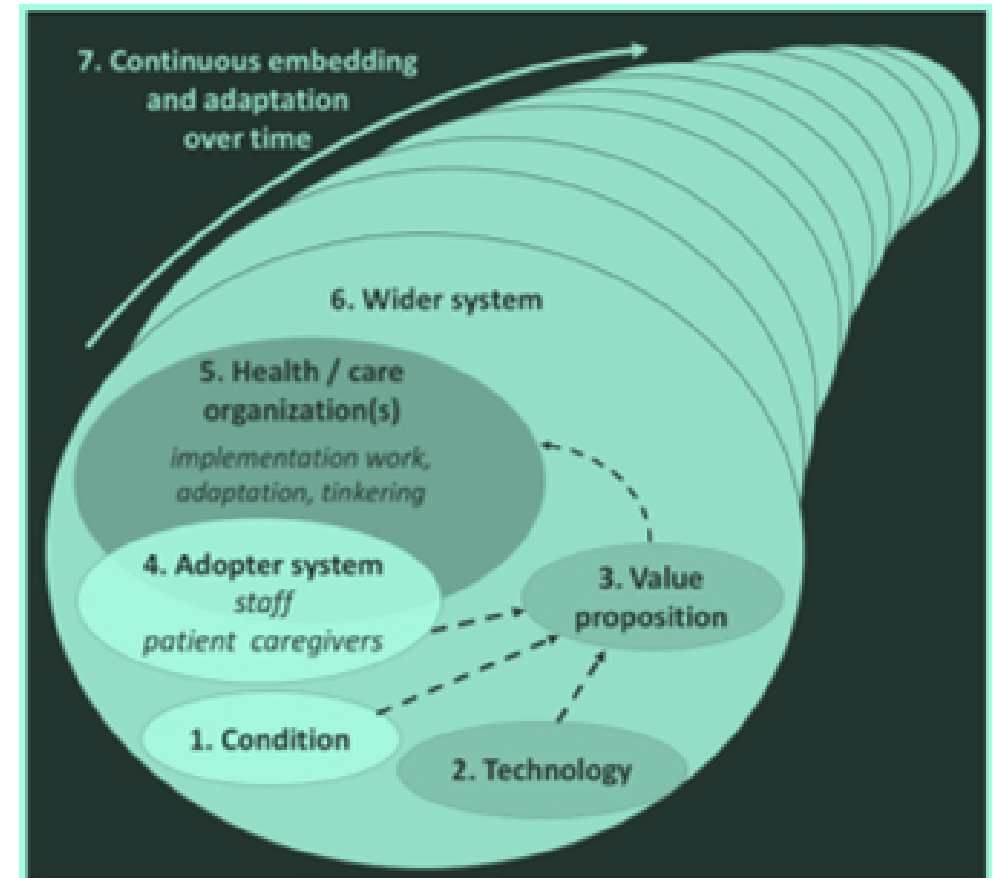
Guided by four key principles:

1. Systems thinking
2. A focus on sustainability
3. Enhancing scalability
4. Respect for human rights, equity, and gender perspectives

NASSS Framework

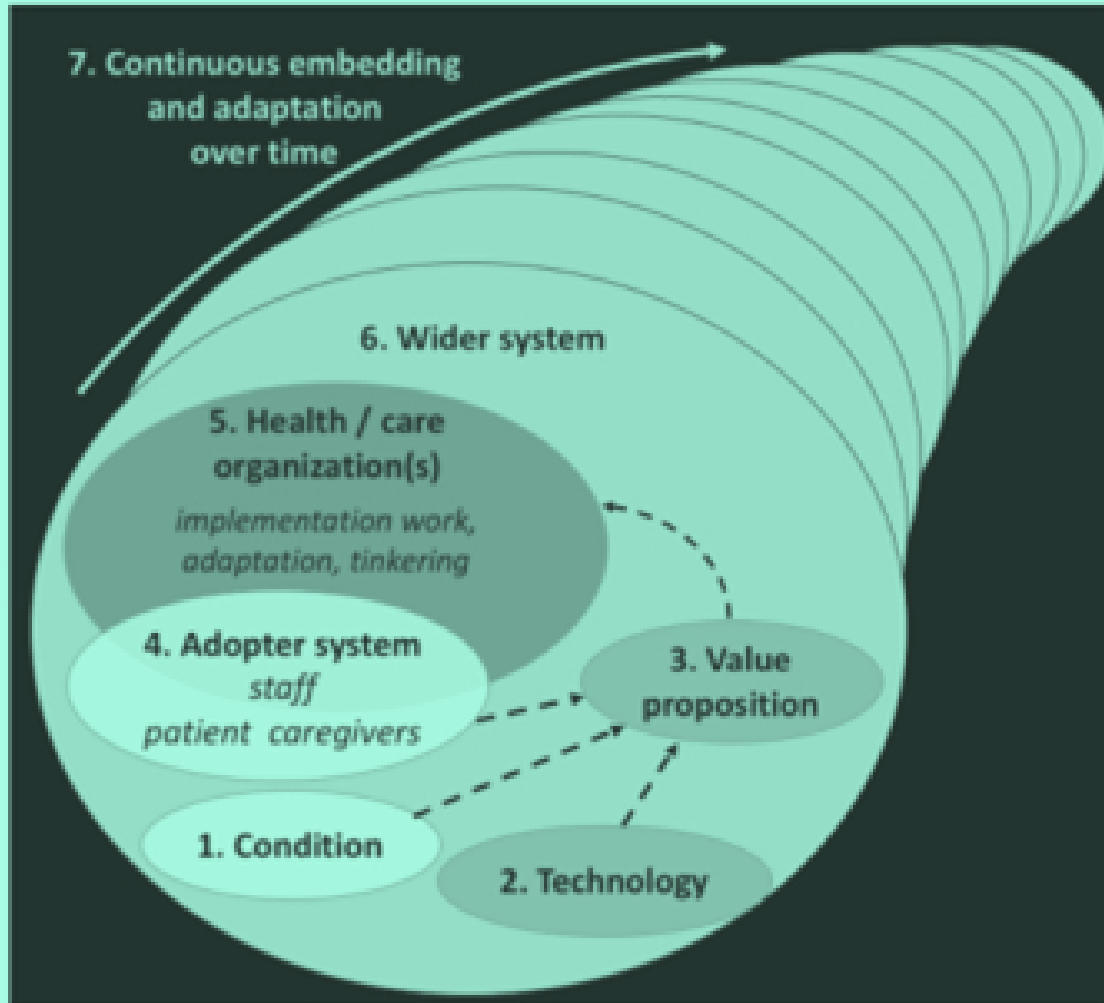
Framework for Theorizing and Evaluating Nonadoption, Abandonment, and Challenges to the Scale-Up, Spread, and Sustainability of Health and Care Technologies

- Consists of 13 questions in 6 domains:
 1. The condition
 2. The technology
 3. The value proposition
 4. The adopter system
 5. The health or care organization(s)
 6. The wider context
- Includes a seventh domain that considers interactions and adaptations over time
- The framework is intended to be used reflexively to guide conversations and help generate ideas, not as a checklist.



7. EMBEDDING AND ADAPTATION OVER TIME

7A Scope for adaptation over time 7B Organisational resilience



1. CONDITION

- 1A Nature of condition or illness
- 1B Comorbidities, socio-cultural influences

2. TECHNOLOGY

- 2A Material features
- 2B Type of data generated
- 2C Knowledge needed to use
- 2D Technology supply model

6. WIDER SYSTEM

- 6A Political / policy
- 6B Regulatory / legal
- 6C Professional
- 6D Socio-cultural

5. ORGANISATION

- 5A Capacity to innovate (leadership etc)
- 5B Readiness for this technology / change
- 5C Nature of adoption / funding decision
- 5D Extent of change needed to routines
- 5E Work needed to implement change

4. ADOPTERS

- 4A Staff (role, identity)
- 4B Patient (simple v complex input)
- 4C Carers (available, nature of input)

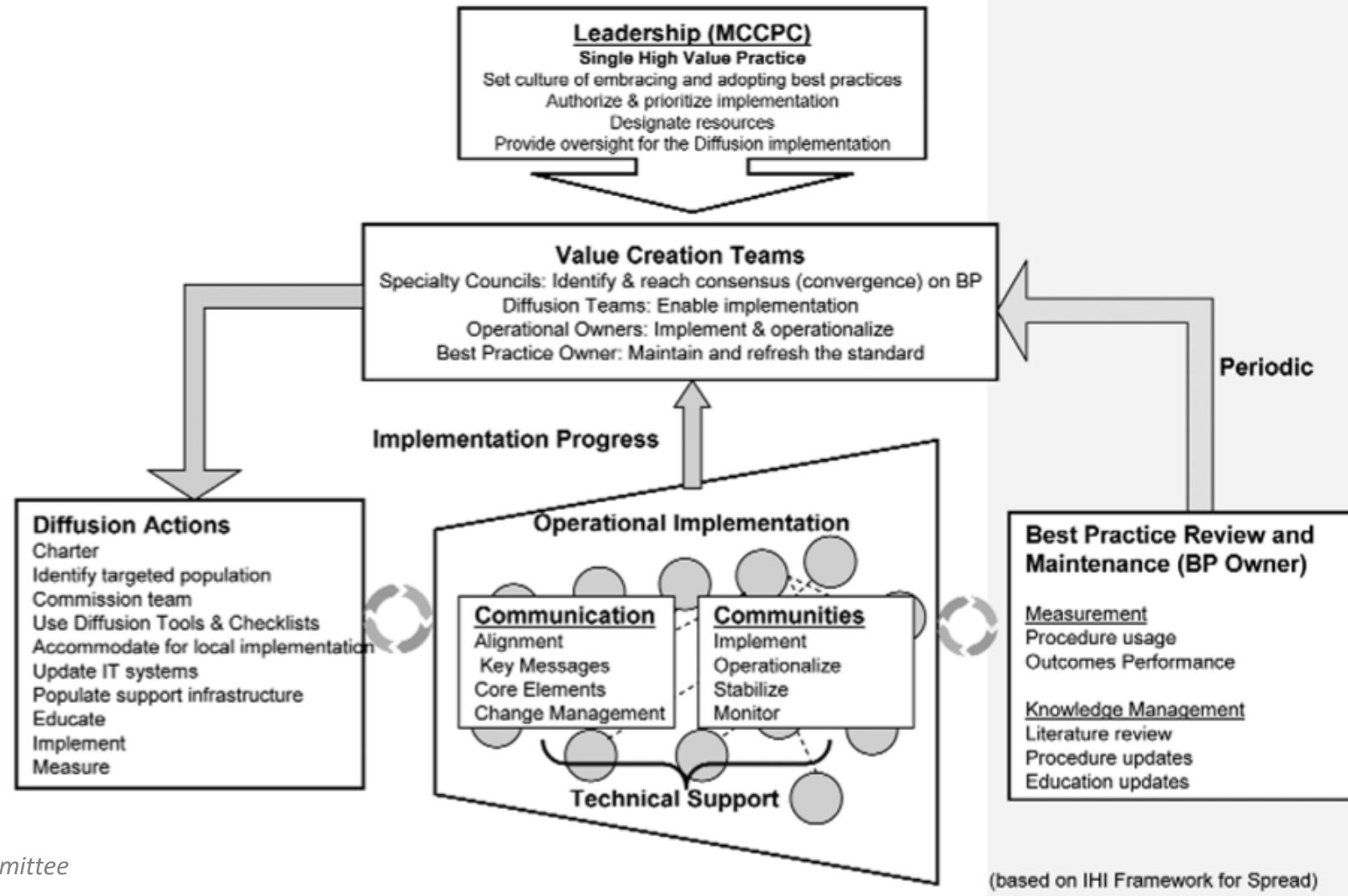
3. VALUE PROPOSITION

- 3A Supply-side value (to developer)
- 3B Demand-side value (to patient)

Greenhalgh T, Wherton J, Papoutsis C, Lynch J, Hughes G, A'Court C, Hinder S, Fahy N, Procter R, Shaw S. (2017) Beyond Adoption: A New Framework for Theorizing and Evaluating Nonadoption, Abandonment, and Challenges to the Scale-Up, Spread, and Sustainability of Health and Care Technologies. J Med Internet Res. 19(11):e367.

Pause recording to read in your own time.

The Mayo Clinic Model of Diffusion



BP, best practice

IT, information technology

MCCPC, Mayo Clinic Clinical Practice Committee

Framework for Scaling Up Community-Based Health Promotion

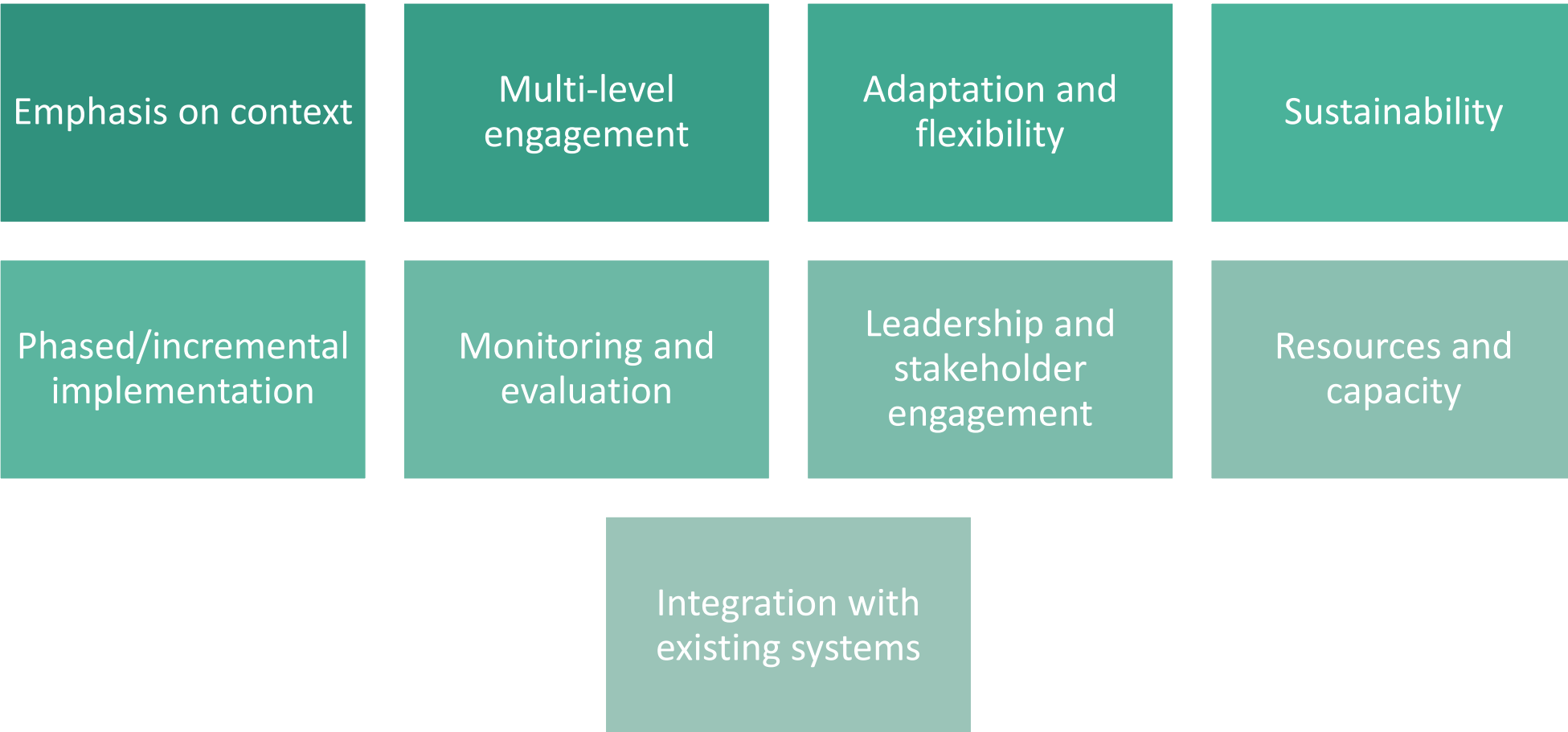


Pause for thought...

- What factors influence your selection of theories, models, and frameworks for an implementation research project?
- When selecting a framework for a scale up study, would you consider the same or different factors? Why?



Commonalities across scale up frameworks



Considerations for NCD programmes

- Tailor program to local settings
- Engage/collaborate with policymakers, health system leaders, healthcare providers and community members
- Start on a smaller scale before scaling up
- Embed long-term sustainability in the design
- Ensure continuous monitoring and evaluation (M&E)
- Integrate into the broader healthcare infrastructure, addressing both prevention and treatment
- Ensure adequate allocation of financial and human resources

Key messages

1

Structured frameworks are useful to guide scale up

2

Several frameworks are available. Choose one that works best for you

3

Several commonalities in the principles that guide the frameworks

4

Using frameworks for scaling up NCD programs can help ensure success

Reference list

- Barker PM, Reid A & Schall MW. (2015) A framework for scaling up health interventions: lessons from large-scale improvement initiatives in Africa. *Implementation Sci* **11**, 12.
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- Greenhalgh T, Wherton J, Papoutsi C, Lynch J, Hughes G, A'Court C, Hinder S, Fahy N, Procter R, Shaw S. (2017) Beyond Adoption: A New Framework for Theorizing and Evaluating Nonadoption, Abandonment, and Challenges to the Scale-Up, Spread, and Sustainability of Health and Care Technologies. *J Med Internet Res*. 19(11):e367.
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- Weber P, Birkholz L, Kohler S, Helsper N, Dippon L, Ruetten A, Pfeifer K, Semrau J. (2022) Development of a Framework for Scaling Up Community-Based Health Promotion: A Best Fit Framework Synthesis. *Int J Environ Res Public Health*. 19(8):4773.