

An NHS fit for 2043

Event Supporter



Event Supporter



Together we can create a Scotland where everybody thrives

Paul Johnston, Chief Executive

June 2023

Our vision | We want to see A Scotland where everybody thrives

Our mission | We lead and support work in Scotland to:

- **Prevent disease** through vaccination and preventing the spread of infectious diseases
- **Prolong healthy life** by improving access to and quality of treatment
- **Promote health and wellbeing** by strengthening the building blocks of health



Our purpose

As Scotland's **national** public health body,
Public Health Scotland leads and supports work to

Prevent disease

by providing vaccines
and reducing the
spread of infectious
diseases

Prolong healthy life

supporting access to
high quality healthcare

Promote health

by strengthening the
building blocks of
health for all



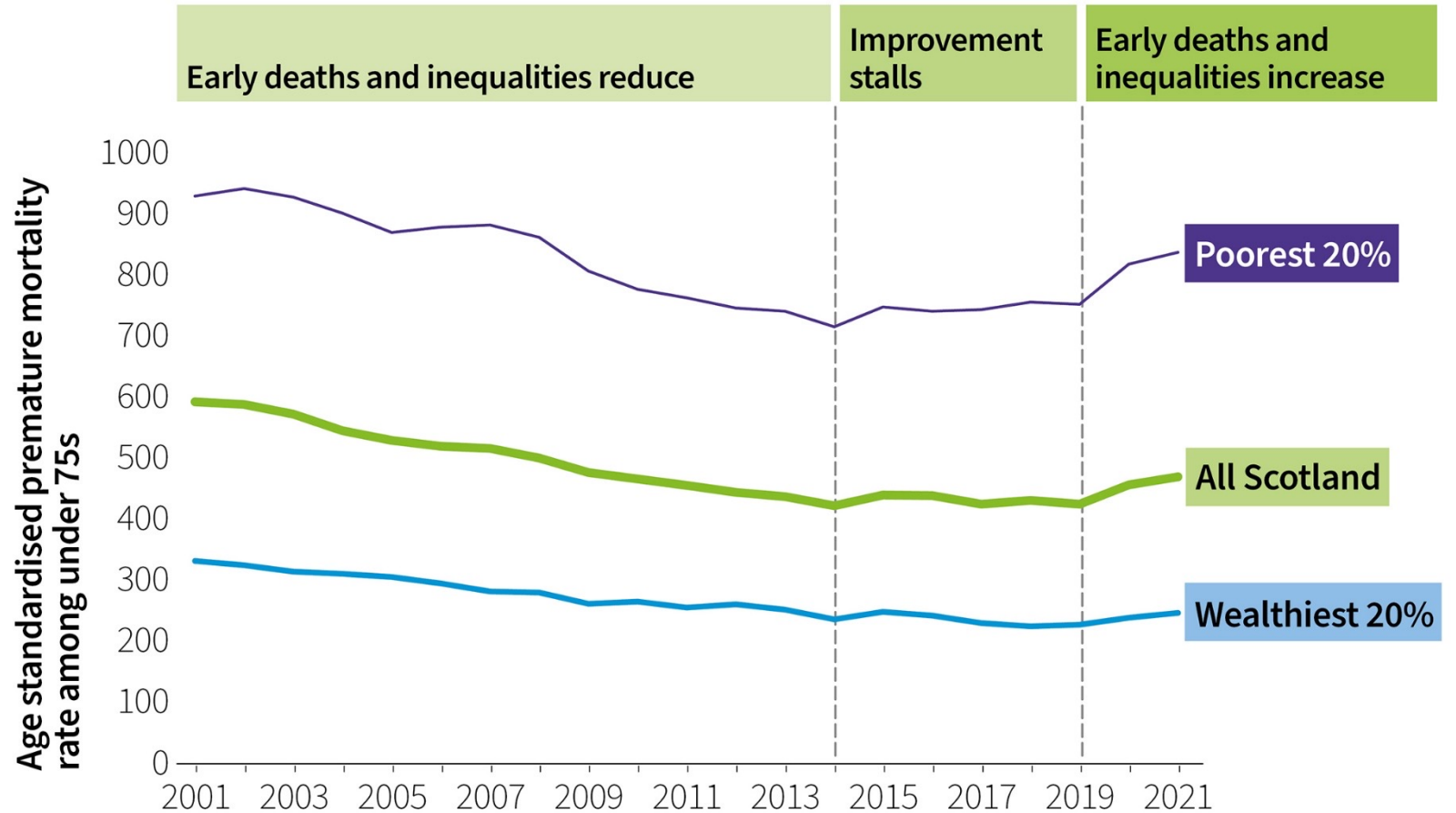
After decades of improvement, Scotland's health is worsening

People are dying younger.

The number of people dying early is increasing.

People are spending more of their life in ill health.

The gap in life expectancy between the poorest and the wealthiest is growing.



Source: National Records Scotland



The burden of disease is forecast to increase by 21%

Two thirds of this increase will be due to increases in:



Cancers



Cardiovascular
disease



Neurological
conditions

Rank	Absolute change	Percentage change
1	Cardiovascular diseases	Common infectious diseases*
2	Cancers	Cardiovascular diseases
3	Neurological disorders	Neurological disorders
4	Chronic respiratory diseases	Unintentional injuries
5	Diabetes and kidney diseases	Diabetes and kidney diseases
6	Common infectious diseases*	Chronic respiratory diseases



Change is possible, through investment in prevention

Success so far



HPV vaccine: 89% reduction in pre-cancer cervical cell changes from 2008 to 2014.

Minimum Unit Pricing (MUP): reduced alcohol hospital admissions (4.1%) and deaths (13.4%) from 2018 to 2020.

Childsmile: halved tooth decay amongst children between 2003 and 2020.

Hepatitis C prevention: will eliminate the virus by 2024.

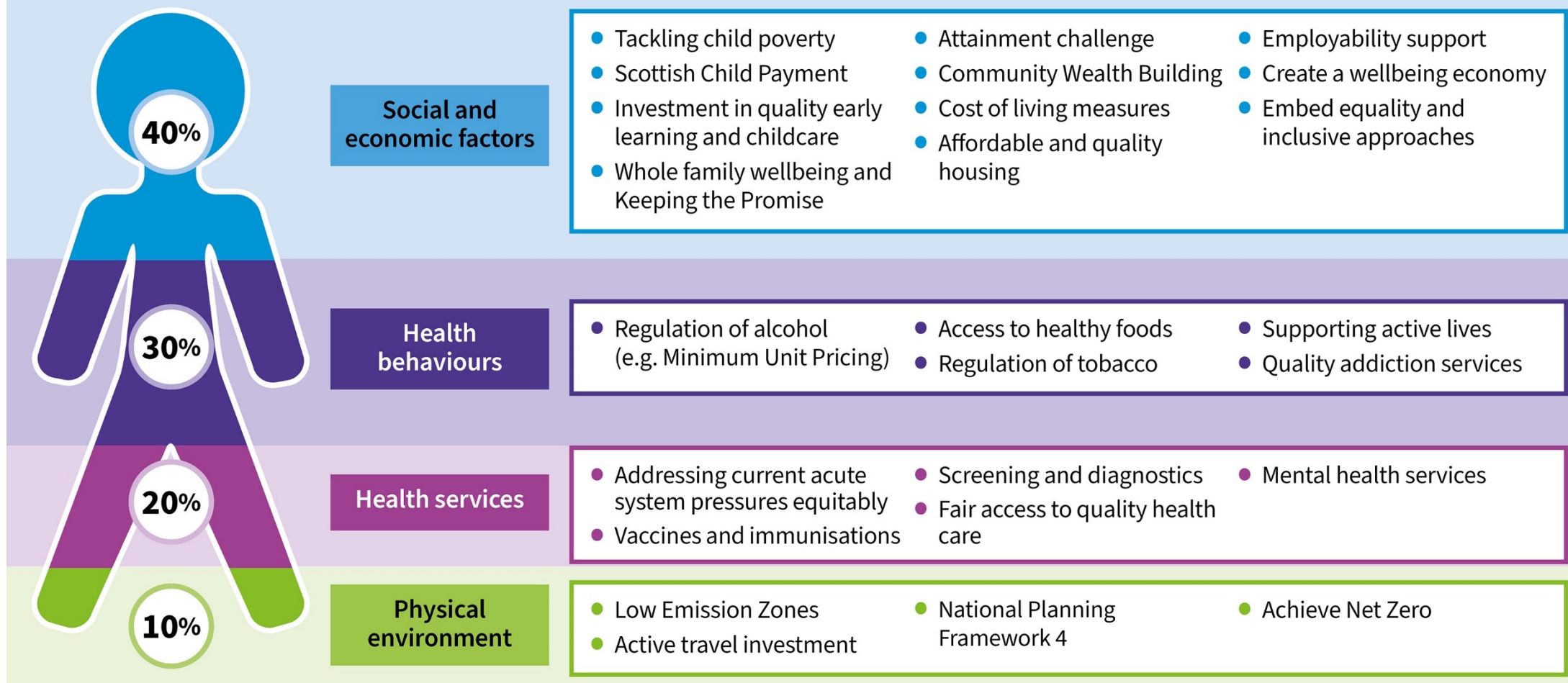
COVID-19 Vaccines: More than 27,656 deaths were directly prevented in Scotland by COVID-19 vaccines.

Smoking ban: reduced admission for child asthma (18%) and heart attacks (17%).



Protect investment in the building blocks of health

What shapes our health



Adapted from The Kings Fund (<https://www.kingsfund.org.uk/publications/vision-population-health>)



Intermission



The Scottish Prevention Hub

Dr Diane Stockton – PHS

Clair Thomson & ACC Gary Ritchie – Police Scotland



THE UNIVERSITY *of* EDINBURGH
Edinburgh Futures Institute



POLICE
SCOTLAND

POILEAS ALBA

Public Health
Scotland



Background and Context

Current Landscape

Collaboration Agreement between Police Scotland and Public Health Scotland in 2021

Memorandum of Understanding between EFI, Police Scotland and Public Health Scotland (23))

**Background &
Context**

Learning from Collaboration Leadership Pilots

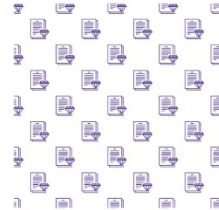
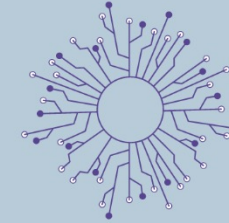


Key Components of the Scottish Prevention Hub

COLLABORATION FOR CHANGE

SCOTTISH PREVENTION HUB

A co-located, co-directed partnership between the Edinburgh Futures Institute, Police Scotland and Public Health Scotland, an innovative ecosystem prioritising a whole system public health approach to policing.



DATA AND EVIDENCE

Listen, engage and include those involved in key prevention challenges. Utilise data and evidence. Explore, challenge and invite insight and knowledge from across the system.

CAPACITY AND CAPABILITY

Support the building of capacity and capability for complex collaborative work, with a focus on the collaborative group process and 'how' to work more effectively across boundaries, disciplines, and organisations.



THE UNIVERSITY of EDINBURGH
Edinburgh Futures Institute



POLICE
SCOTLAND
POILEAS ALBA

Public Health
Scotland



Policing purpose

WELLBEING

Police & Fire Reform Act 2012

The main purpose of policing is to improve the safety and wellbeing of persons, localities and communities in Scotland

SAFETY



Co-located Partnership

- **Research, Education & Practice Colliding**
- **Public Service Ward**
- **Finance, Fintech, Creative, Festivals, Travel & Tourism**



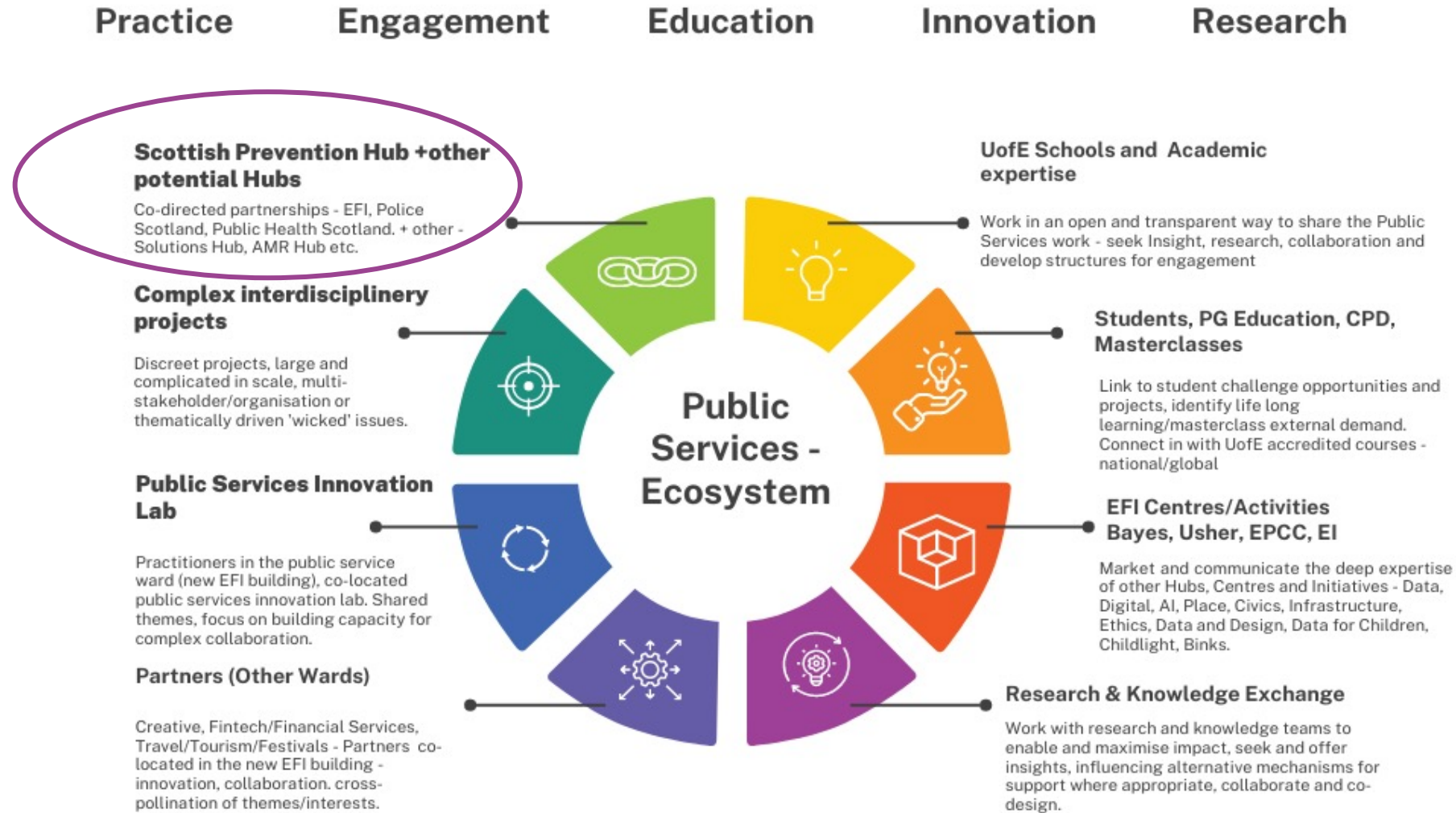
Edinburgh Futures Institute



THE UNIVERSITY of EDINBURGH
Edinburgh Futures Institute



Public Services Ecosystem



Collaboration for change - addressing complex problems from multiple perspectives



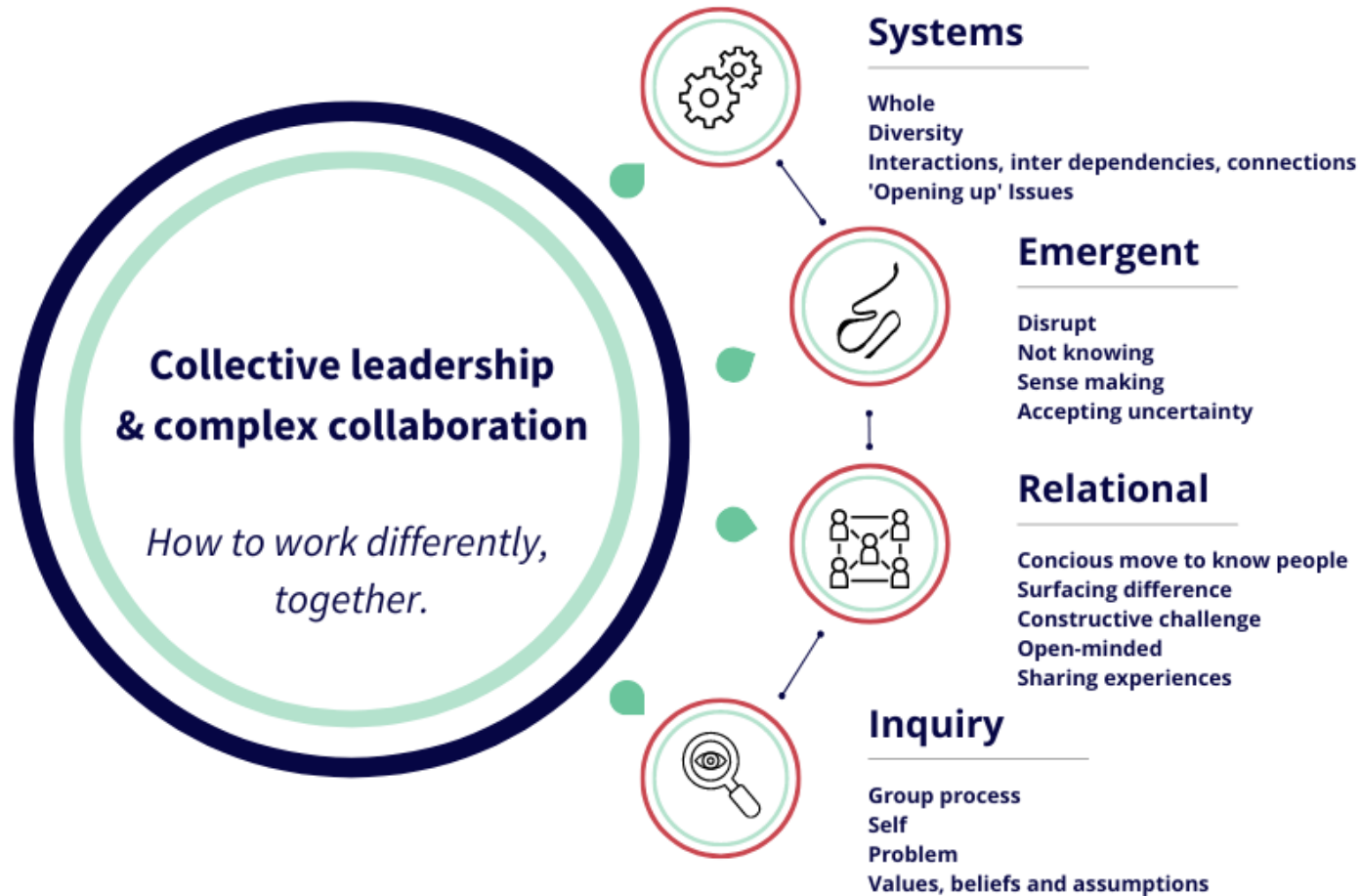
Capacity and Capability

Build capacity and capability for complex collaborative work, focus on the collaborative group process and ‘how’ to work more effectively across boundaries, disciplines, and organisations. (Objective 2 - MOU May 2023)

- For the Scottish Prevention Hub
- For colleagues in the wider public service system – advocate for and support complex collaborative work – for sustainable services, skilled and adaptable workforce, and to better address wicked and complex issues.



Effective Collaboration



Data and Evidence

- Analysis of multi-sectorial place-based data and intelligence
- Conversations with local and national partners and stakeholders to identify key local and national “challenges”
- Evidence gathering and reviews for identified challenges – what works, where are the gaps, what can we build on or shine a light on?



Our approach

How to prevent children and young people from harmful risk taking (including criminal)

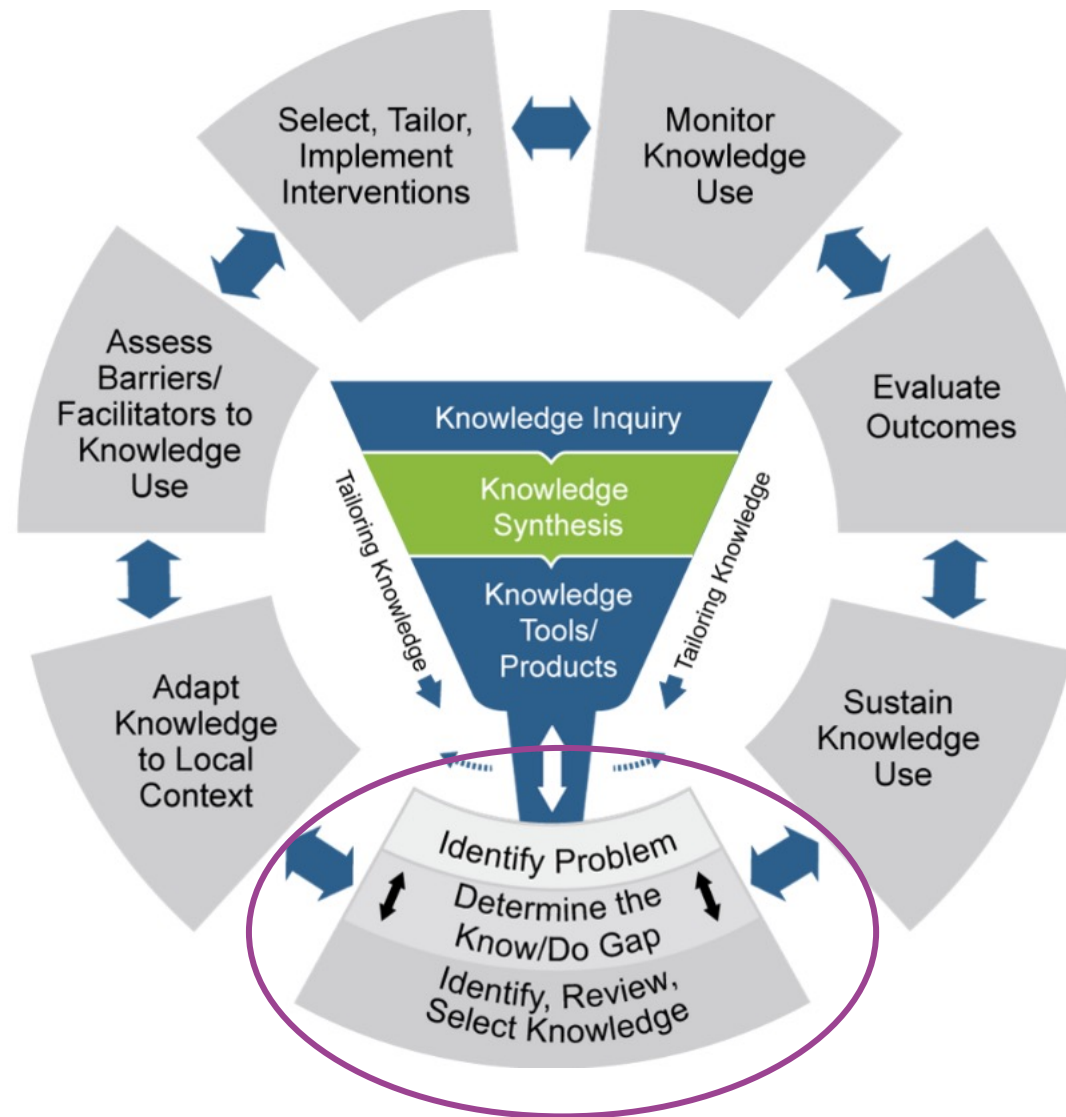
Initial focus on prevention challenges through three lenses

- Resilient families and communities
- Children and young people in at risk groups
- Individual children identified through our systems

Place-based approach likely to focus at town level to build on established relationships and connections we are exploring opportunities to link in with the Shaping Places for Wellbeing Programme (PHS & Improvement Service)



Converting knowledge into action & decisions



Public health approach to learning

Dr Eileen Scott

Public Health Intelligence Principal



Introduction

- Education plays a pivotal role in promoting public health and well-being.
- Healthy development is critical to education.
- The Covid-19 pandemic highlighted this interconnectedness.
- There is a need for ongoing and deeper connection



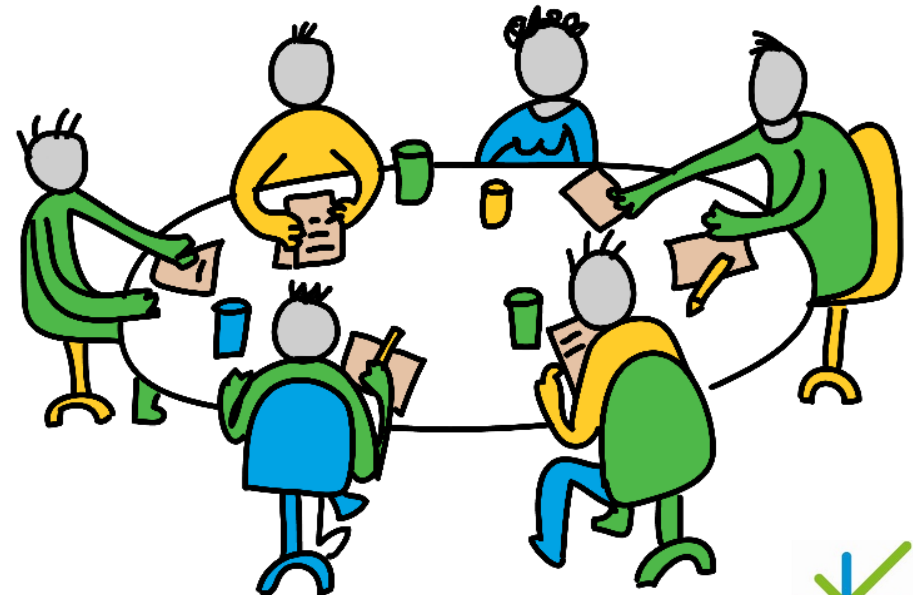


PROBLEM

"In what ways can professionals work together to ensure a better future for all?"
Question posed by Headteachers in Excellence in Headship Stretch

SOLUTION

Offer by Education Scotland and Public Health Scotland to work with them to develop a whole system approach to public health and education



THE WHY?

- Education has long been recognised as one of the fundamental social determinants of health.
- Accessible and quality education contributes to better health outcomes.
- Improved educational attainment is associated with lower rates of chronic diseases and mortality.



Educational Settings are Health Promoting and vital anchor institutions:

- Schools have a significant impact on health, playing a crucial role in promoting health among students and the wider community.
- Educational institutions can serve as hubs that go beyond education to provide access to health services, extended childcare, adult learning, and community activities.



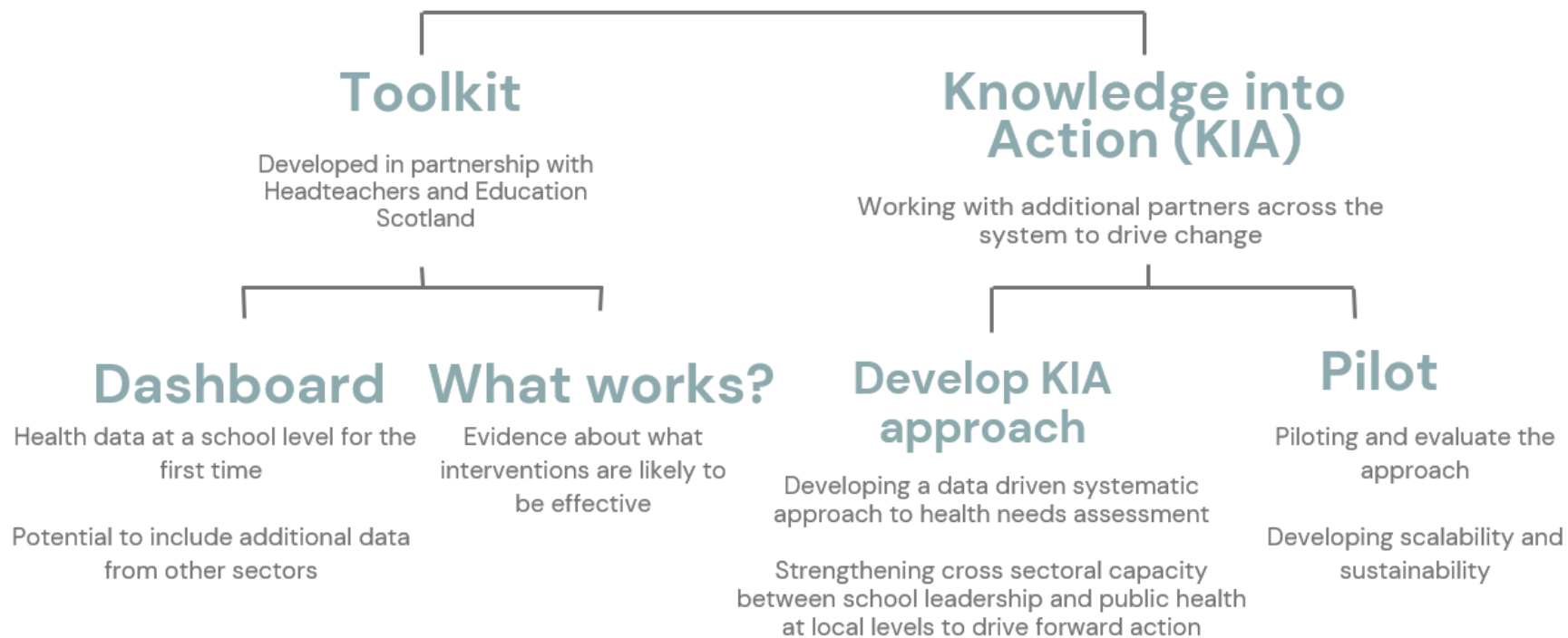
Collaboration between Education and Health Sectors:

- Effective collaboration between the education and health sectors is essential for addressing public health challenges.
- Joint efforts can lead to comprehensive school health programs, integrating education and health promotion.
- Sharing resources, expertise, and research findings can drive evidence-based interventions and policies.



Empowering our system

PUBLIC HEALTH APPROACH TO LEARNING



KEEP MOVING
FORWARD,
TOGETHER

