

Advocacy, Education and Leadership in sustainability



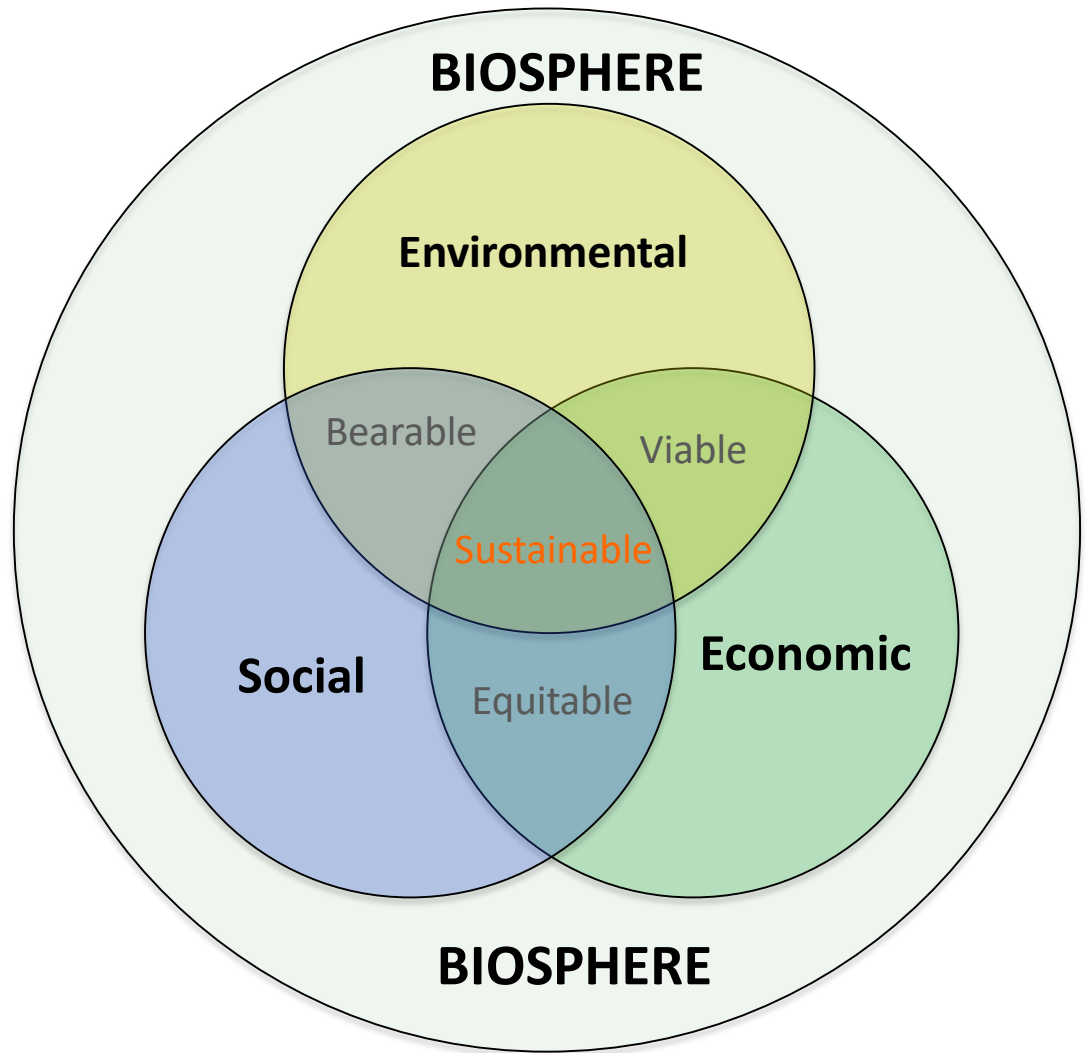
CENTRE *for*
SUSTAINABLE
HEALTHCARE
inspire • empower • transform

Ingeborg Steinbach
Centre for Sustainable Healthcare
@SusHealthcare

IAPB CoM meeting 2019
Workshop 8th October

What is sustainable health and care?

A healthcare system is sustainable if it works **within its financial, environmental and social resources, improving and protecting** health now and for future generations



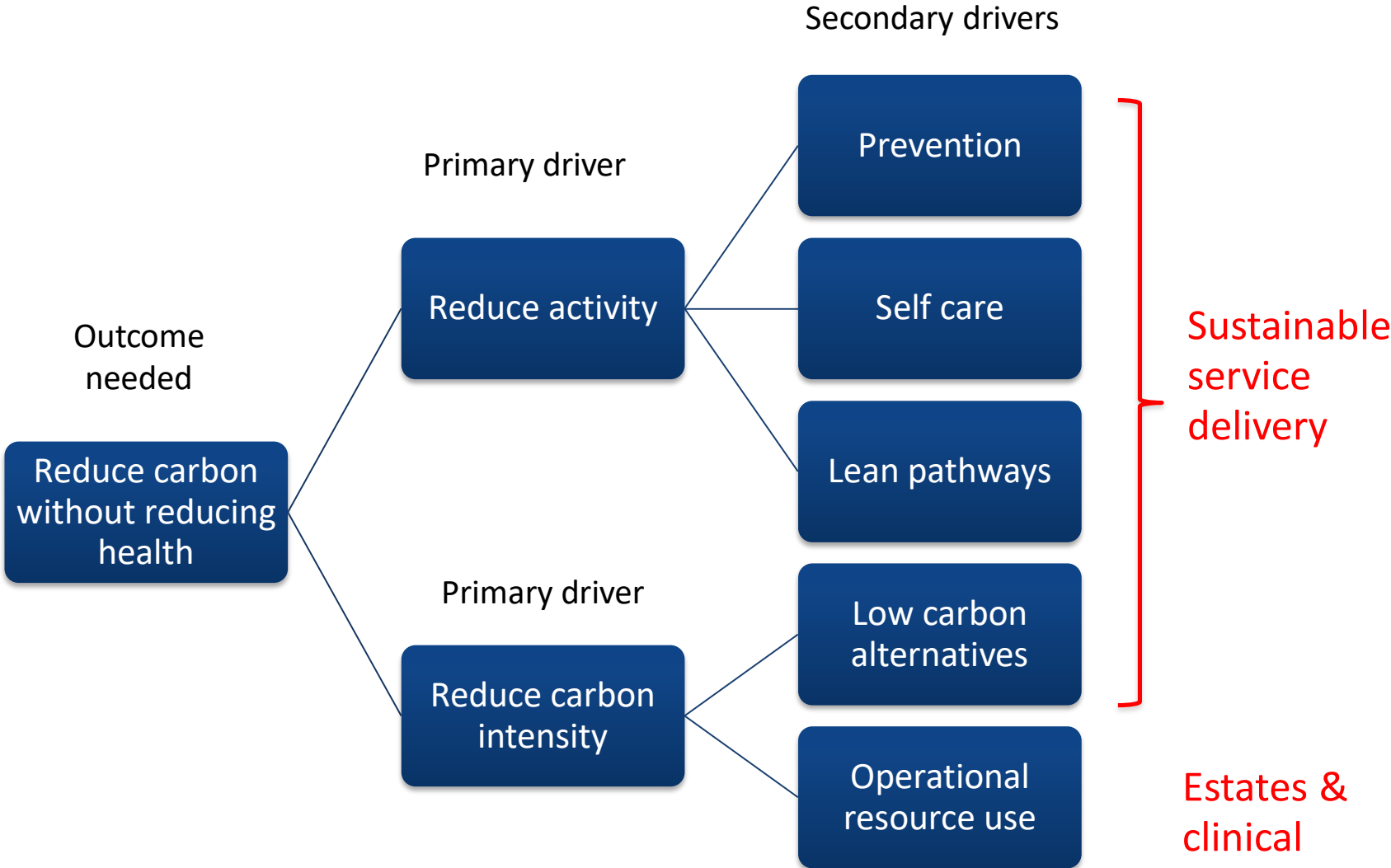
Sustainability can improve productivity and value, saving money along the way

$$\text{Sustainable value} = \frac{\text{outcomes for patients and populations}}{\text{environmental + social + financial costs (the "triple bottom line")}}$$



Academy of Medical Royal Colleges, 2016 (with CSH)

Sustainable health and care: principles

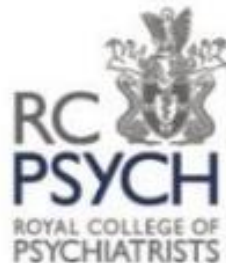


Mortimer-F. *The Sustainable Physician*
Clinical Medicine 2010, Vol 10, No 2: 110–11

How can we achieve culture change?

1. Position statement

“Sustainability in mental health care will deliver better outcomes for patients now and in the future, in the face of environmental, economic and social constraints.”



www.networks.sustainablehealthcare.org.uk/mh-position-statement

POSITION STATEMENT

As leading organisations in mental health we will strive to improve the sustainability of mental health care, by designing and delivering services that....

- 1 Prioritise prevention.** We will seek to prevent poor mental health and thereby reduce the need for health care in the future.
- 2 Empower individuals and communities.** If people become unwell, we will promote opportunities for self-management and independent living and will support community projects, social networks and employment, all of which improve mental health resilience.
- 3 Improve value.** If people need services, we will seek to offer interventions that provide the maximum patient benefit for the least economic and environmental cost by delivering the right intervention, at the right time, to the right person.
- 4 Consider carbon.** We will work together to understand the carbon impacts of interventions and models of care within mental health. This knowledge will become increasingly important in the design of carbon efficient services.



2. Case studies

Green Nephrology Awards 2012
Bredford Renal Unit: Central Delivery of Acid for Haemodialysis

Benefits to environmental sustainability

Additional benefits

Details of implementation

Green Nephrology Awards 2012
Glasgow Renal Services: Reduce, Reuse, Recycle and beyond

Green Nephrology Awards 2012
Newcastle Renal Unit: Retrofit of Heat Exchangers to Dialysis Machines

Green Nephrology Awards 2012
Bradford Renal Unit: Lighting Project

Green Nephrology Fellowships

IF 20 TRIALED AND TESTED GREEN INITIATIVES WERE APPLIED IN RENAL UNITS ACROSS ENGLAND, THE NHS WOULD ANNUALLY SAVE:



470 million
liters of water



£7 million



11,000 tonnes
of CO₂ equivalent

FIND OUT HOW: WWW.SUSTAINABLEHEALTHCARE.ORG.UK

3. Support

ARTICLES AND CASE STUDIES AREA



PRESENTATIONS & COURSE MATERIALS AREA



RESEARCH PAPERS AREA



HEALTH SUSTAINABILITY NETWORKS & LINKS



1. Position statement
2. Case studies
3. Support networks: IAPB
Climate Change Working
Group; EyeHealth
Susnet

4. Embedding sustainable healthcare in medical curricula

The image is a screenshot of the Centre for Sustainable Healthcare website. The header features the organization's logo on the left, navigation links for 'Resource Library', 'Events', 'Networks', and 'Case studies' on the right, and a search icon. A teal navigation bar contains links for 'WHO WE ARE', 'WHAT WE DO', 'NEWS', 'BLOG', 'RESOURCES' (which is highlighted), and 'THE PLANETARY HEALTH EMERGENCY', along with a 'JOIN IN' button. Below the navigation bar, a breadcrumb trail reads 'Home » Resources'. The main content area is titled 'Educating for Sustainable Healthcare - Priority Learning Outcomes' and lists three numbered points. On the right side, a 'MENU' sidebar lists various resources, with 'Learning Outcomes' highlighted.

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[Resource Library >](#) [Events >](#) [Networks >](#)
[Case studies >](#)

[WHO WE ARE](#) [WHAT WE DO](#) [NEWS](#) [BLOG](#) [RESOURCES](#) [THE PLANETARY HEALTH EMERGENCY](#) [JOIN IN](#)

Home » Resources

Educating for Sustainable Healthcare - Priority Learning Outcomes

1. Describe how the environment and human health interact at different levels.
2. Demonstrate the knowledge and skills needed to improve the environmental sustainability of health systems.
3. Discuss how the duty of a doctor to protect and promote health is shaped by the dependence of human health on the local and global environment.

MENU

- CSH Resource Library
- Learning Outcomes**
- Publications
- SAP
- > Sustainable Dentistry Guide
- SusQI webinar
- Carbon Addict

5. Training programmes

Types

- E-learning
- Webinars
- Slide decks

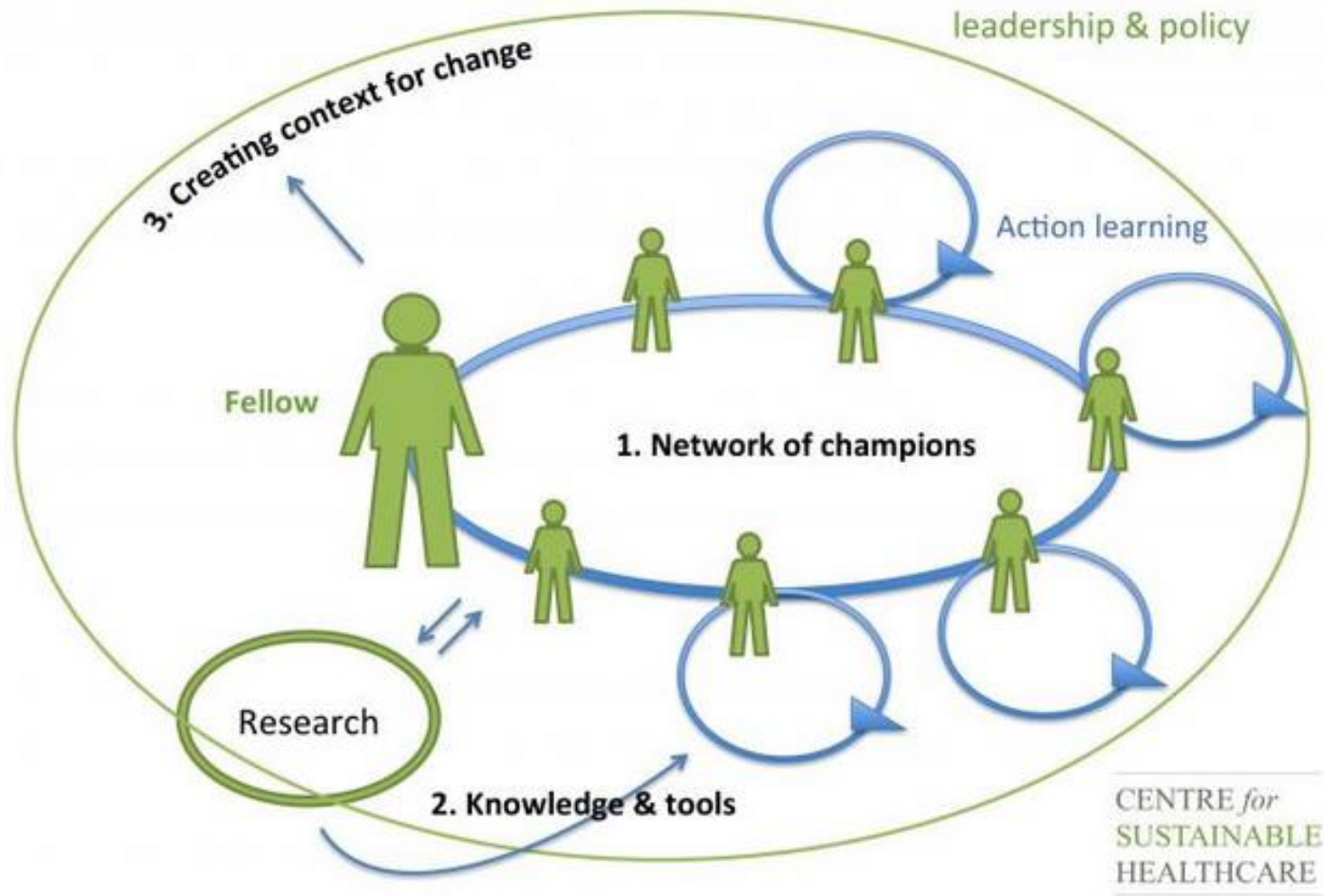
Areas

- Sustainable healthcare: interconnect between Climate Change and Health
- Sustainable procurement
- Sustainable operations at facilities level; e.g. waste management for different tiers



Sustainable Fellowship Model

A whole system approach



Suggestions

- To develop a position statement
- To approach ICO & World Council of Optometry about embedding sustainable healthcare in existing curricula
- To investigate the integration of sustainable healthcare into the Community eye health module, COEXSA and West African College of Surgeons
- To develop an IAPB educational slide deck to share on the IAPB ESG page
- To develop different training programmes
- To explore the opportunities for an international fellow in sustainable ophthalmology



ESWG



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Thank you!

<https://www.iapb.org/about-iapb/iapb-work-groups/environmental-sustainability/>

<https://networks.sustainablehealthcare.org.uk/network/eyehealth-susnet>

www.sustainablehealthcare.org.uk

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Workshop

1. Has your organisation started to think about how to embed sustainability into their work?
2. What support do you think is needed for organisations to start embedding sustainability?
3. What are the sustainable procurement priorities?
4. What do you think should be the training and education priorities?
5. What should be the research priorities?

Resources

Case studies

- World Bank. Climate-smart healthcare; <http://documents.worldbank.org/curated/en/322251495434571418/pdf/113572-WP-PUBLIC-FINAL-WBG-Climate-smart-Healthcare-002.pdf>
- Global Green and Healthy Hospitals; <https://www.greenhospitals.net/case-studies/>
- Mapping Sustainable Healthcare; <https://map.sustainablehealthcare.org.uk/>

Sustainability Groups/Networks

- IAPB Climate Change Group; <https://www.iapb.org/about-iapb/iapb-work-groups/environmental-sustainability/>
- CSH EyeHealth Susnet; <https://networks.sustainablehealthcare.org.uk/network/eyehealth-susnet>

General

- Centre for Sustainable Healthcare; www.sustainablehealthcare.org.uk
- [The Sustainable Physician \(link is external\)](#). Mortimer, F. Clinical Medicine (2010), Vol 10, No 2: 110-11