Public Health England

NHS England

Scaling up: How far can we go?

David Pencheon

NHS England and Public Health England

Sustainable Development Unit

CleanMed. Oxford. 17th September, 2013

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Strategic aims of a sustainable health and care system?

1. Improve the quality of care whilst reducing its harmful environmental impact
2. Exploit the multiple benefits of future proofing that deliver social, economic and environmental benefits
3. Create the right conditions for resilient, safe, fair and sustainable local communities to develop

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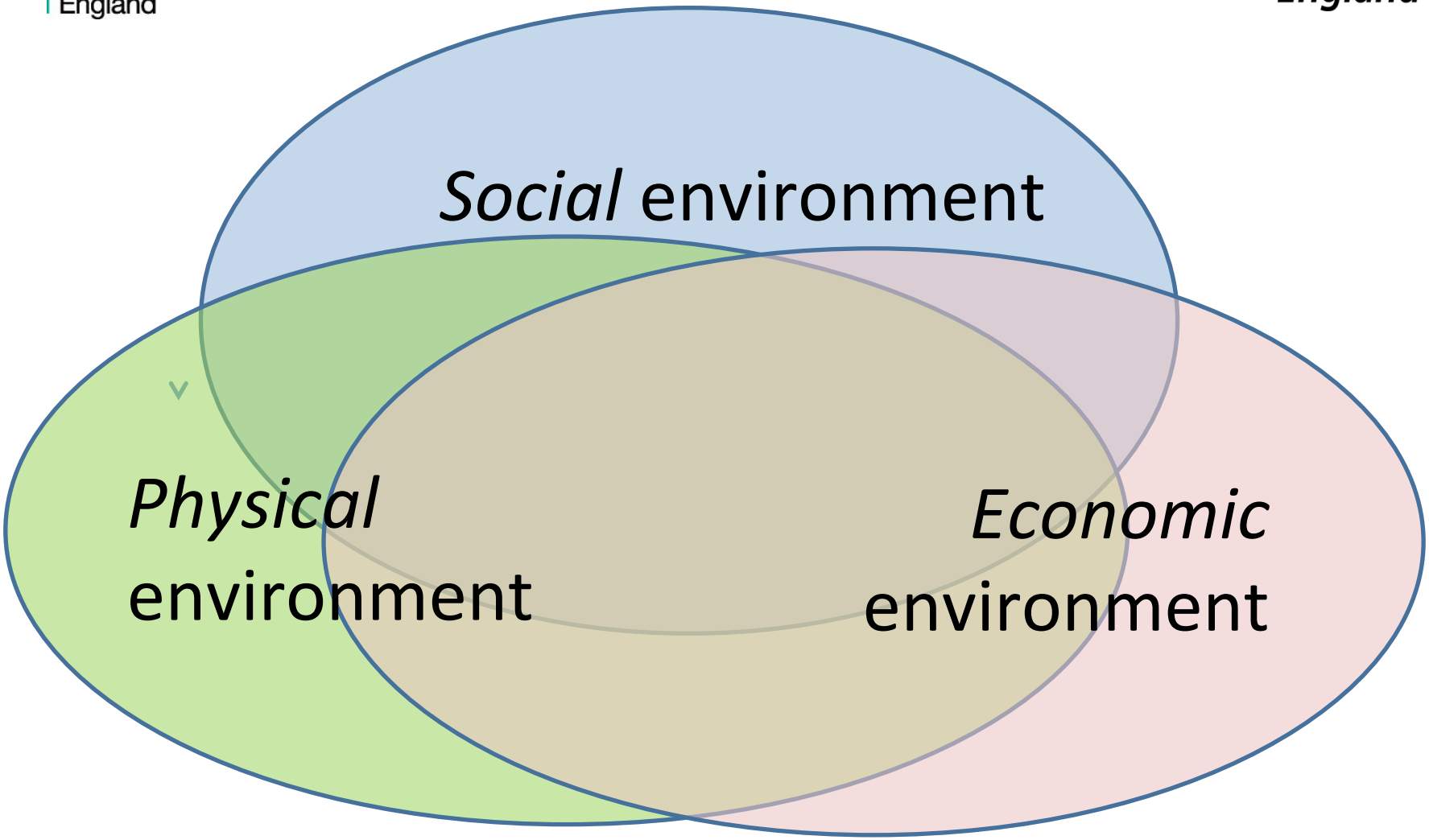
Health co-benefits:

"What is good for creating a sustainable world in the future....is ALSO good for health (and health and care system) and local communities NOW"

Creating the right environments



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What needs to be done?

1. Get the data (*ask, listen, research*)
   - Evidence on health outcomes?
   - What approaches deliver the largest cross system benefits?
   - What are people willing to do together?
2. Make the case (*embed in policy*)
   - Financial
   - Regulatory and legal requirements
   - Resilience / adaptation / mitigation
   - *Emotional / ethical / narrative*
3. Incentivise behaviours (*make normal in practice*)
   - Aligning rewards with outcomes

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Every unplanned admission to a hospital is a sign of system failure, financial failure, health failure, patient failure, (and environmental failure) until proved otherwise

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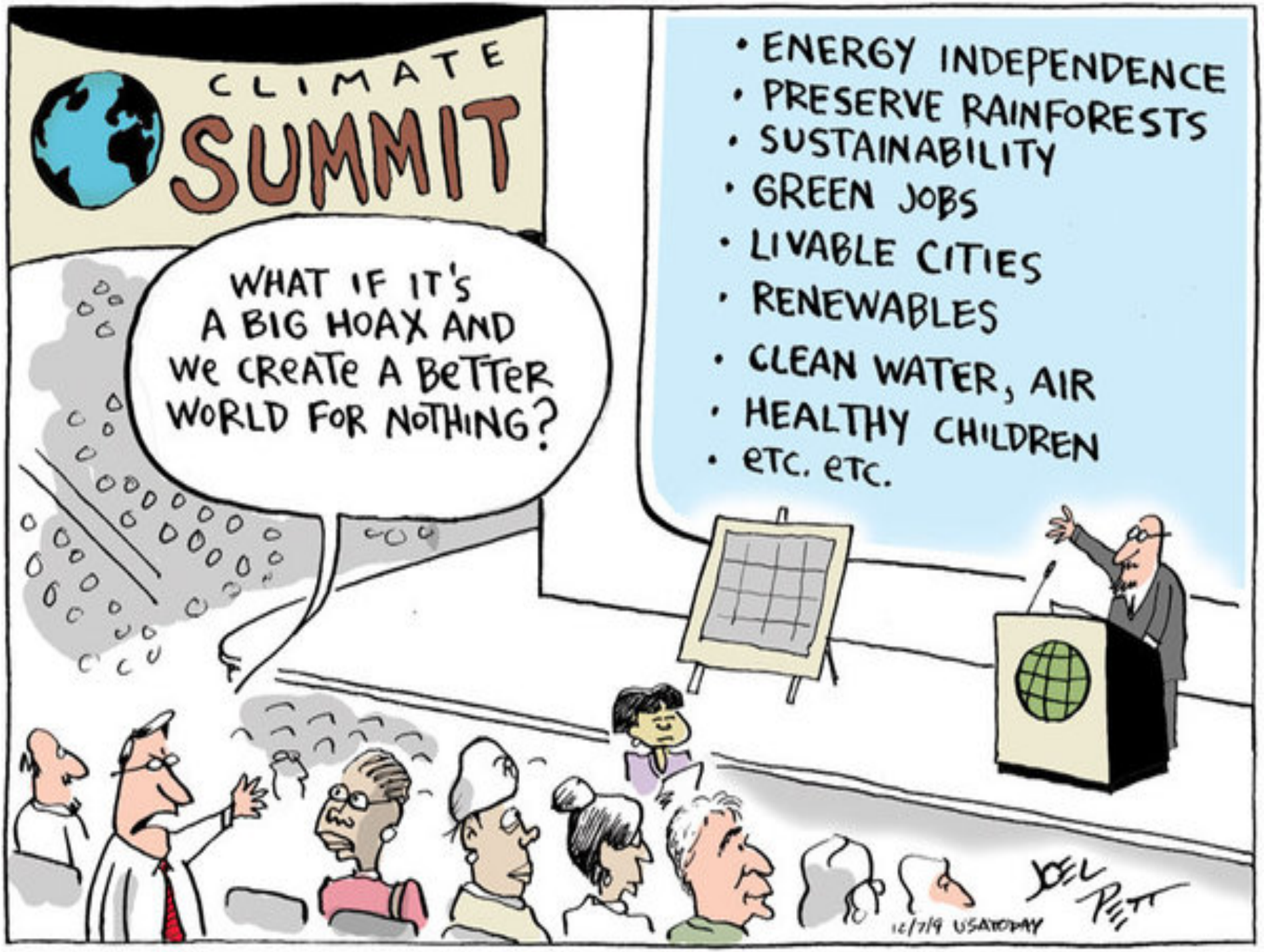
Protect and Promote

- Extreme Events
- Climate chaos
- Resource shortages
- Heatwaves
- Flooding
- Lack of biodiversity
- Pollution

- Housing
- Employment
- Family and friends
- Healthy sustainable food
- Clean energy, clean water
- Integrated transport
- Safe shared pleasant spaces
- Resilient communities
- A legacy of social justice
- “A life, community, and future we all have reason to value”


CLIMATE
SUMMIT
WHAT IF IT'S A BIG HOAX AND WE CREATE A BETTER WORLD FOR NOTHING?
• ENERGY INDEPENDENCE
• PRESERVE RAINFORESTS
• SUSTAINABILITY
• GREEN JOBS
• LIVABLE CITIES
• RENEWABLES
• CLEAN WATER, AIR
• HEALTHY CHILDREN
• ETC. ETC.
12/7/19 USATODAY
JOEL PETT

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Leadership support

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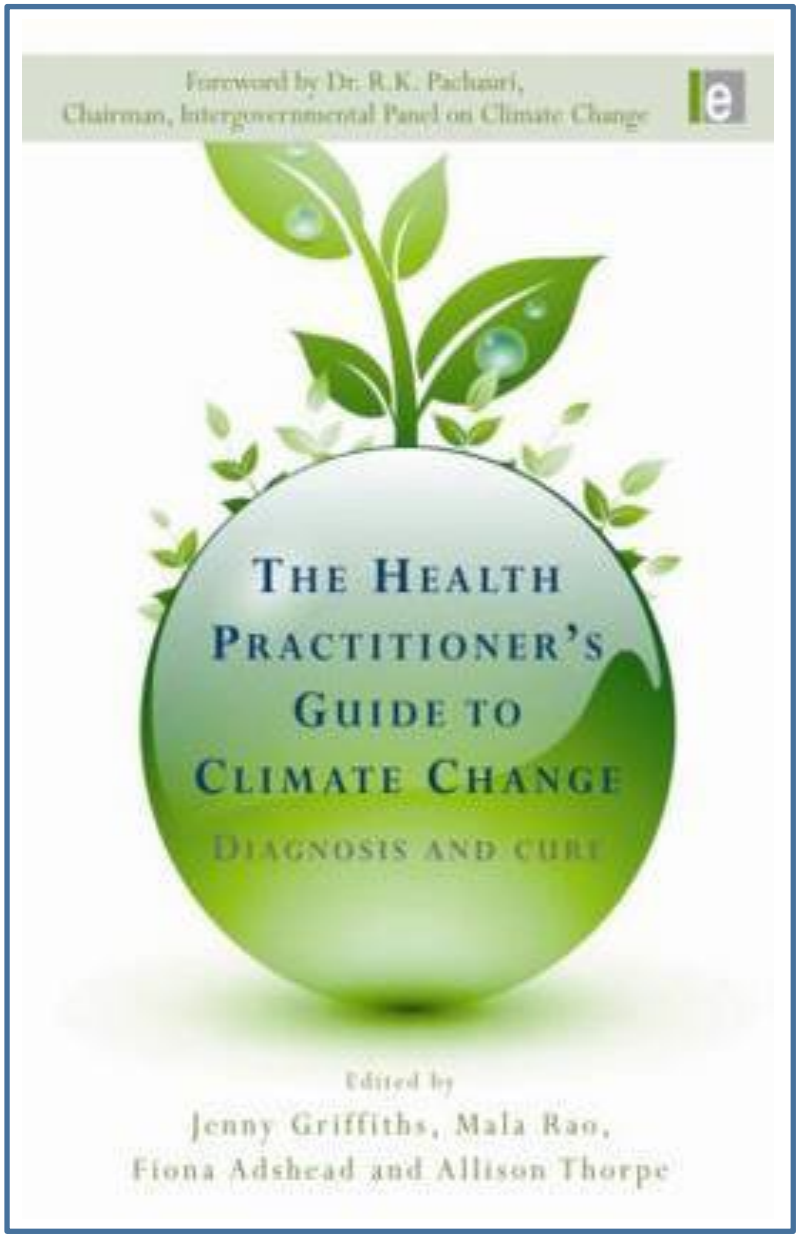
Actions to improve protect/improve health

1. Cholera: 1854 Broad Street Pump

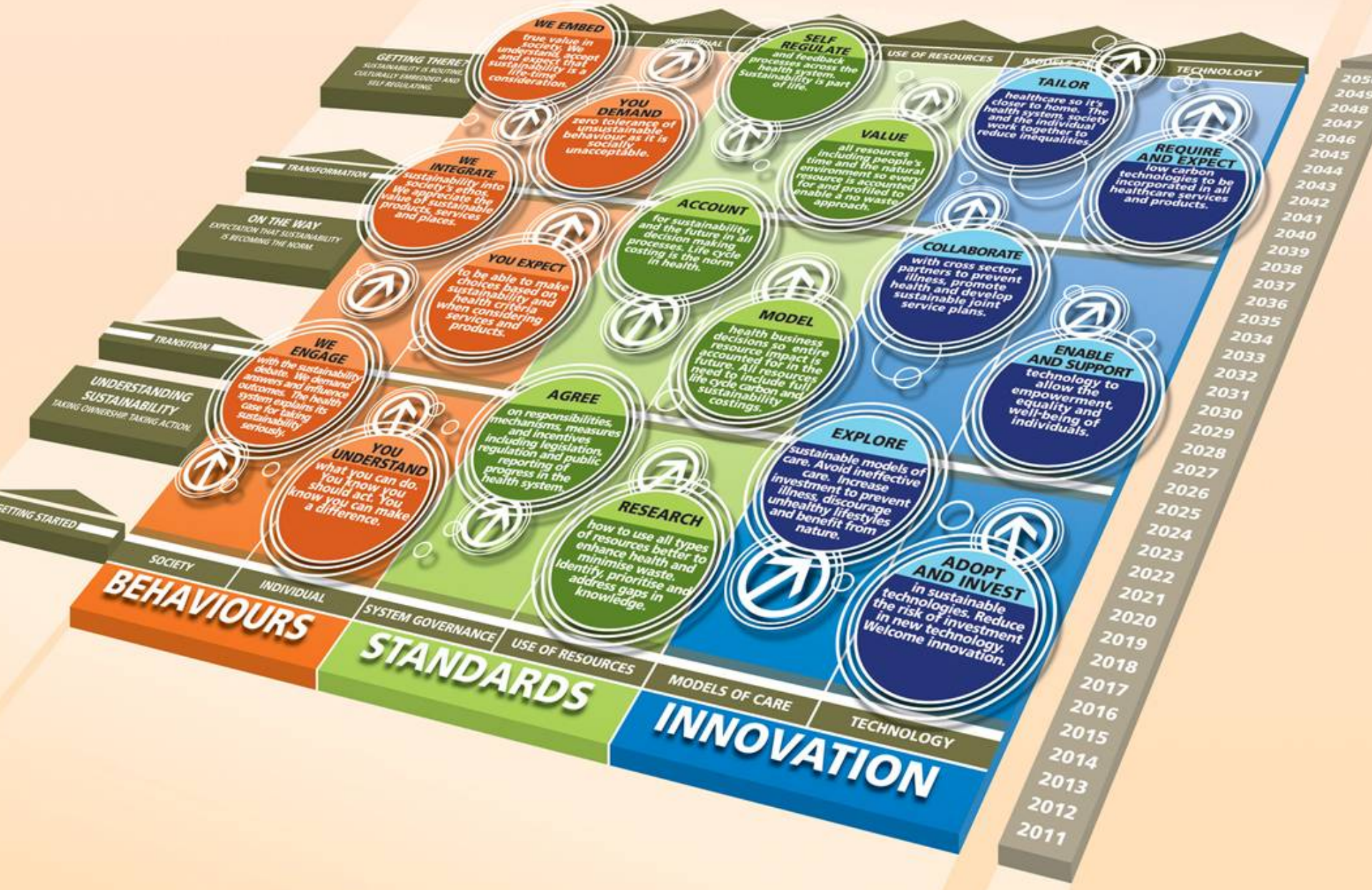
2. Smoking and tobacco: 1962

3. Sustainable development and climate change: 2012


Foreword by Dr. R.K. Pachauri,
Chairman, Intergovernmental Panel on Climate Change
THE HEALTH PRACTITIONER'S GUIDE TO CLIMATE CHANGE
DIAGNOSIS AND CURE
Edited by
Jenny Griffiths, Mala Rao,
Fiona Adshead and Allison Thorpe

Knut Schroeder, Trevor Thompson,
Kathleen Frith and David Pencheon
SUSTAINABLE
Healthcare
WILEY-BLACKWELL
BMJ Books

Route map


GETTING THERE?
SUSTAINABILITY IS ROUTINE, CULTURALLY EMBEDDED AND SELF REGULATING.
ON THE WAY
EXPECTATION THAT SUSTAINABILITY IS BECOMING THE NORM.
UNDERSTANDING SUSTAINABILITY
TAKING OWNERSHIP, TAKING ACTION.
GETTING STARTED
TRANSFORMATION
TRANSITION
WE EMBED
true value in society. We understand, accept and expect that sustainability is a life-time consideration.
YOU DEMAND
zero tolerance of unsustainable behaviour as it is socially unacceptable.
WE INTEGRATE
sustainability into society's ethos. We appreciate the value of sustainable products, services and places.
YOU EXPECT
to be able to make choices based on sustainability and health criteria when considering services and products.
WE ENGAGE
with the sustainability debate. We demand answers and influence outcomes. The health system explains its case for taking sustainability seriously.
YOU UNDERSTAND
what you can do. You know you should act. You know you can make a difference.
SELF REGULATE
and feedback processes across the health system. Sustainability is part of life.
VALUE
all resources including people's time and the natural environment so every resource is accounted for and profiled to enable a no waste approach.
ACCOUNT
for sustainability and the future in all decision making processes. Life cycle costing is the norm in health.
MODEL
health business decisions so entire resource impact is accounted for in the future. All resources need to include full life cycle carbon and sustainability costings.
AGREE
on responsibilities, mechanisms, measures and incentives including legislation, regulation and public reporting of progress in the health system.
RESEARCH
how to use all types of resources better to enhance health and minimise waste. Identify, prioritise and address gaps in knowledge.
TAILOR
healthcare so it's closer to home. The health system, society and the individual work together to reduce inequalities.
REQUIRE AND EXPECT
low carbon technologies to be incorporated in all healthcare services and products.
COLLABORATE
with cross sector partners to prevent illness, promote health and develop sustainable joint service plans.
ENABLE AND SUPPORT
technology to allow the empowerment, equality and well-being of individuals.
EXPLORE
sustainable models of care. Avoid ineffective care. Increase investment to prevent illness, discourage unhealthy lifestyles and benefit from nature.
ADOPT AND INVEST
in sustainable technologies. Reduce the risk of investment in new technology. Welcome innovation.
SOCIETY
INDIVIDUAL
BEHAVIOURS
SYSTEM GOVERNANCE
USE OF RESOURCES
STANDARDS
MODELS OF CARE
TECHNOLOGY
INNOVATION
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