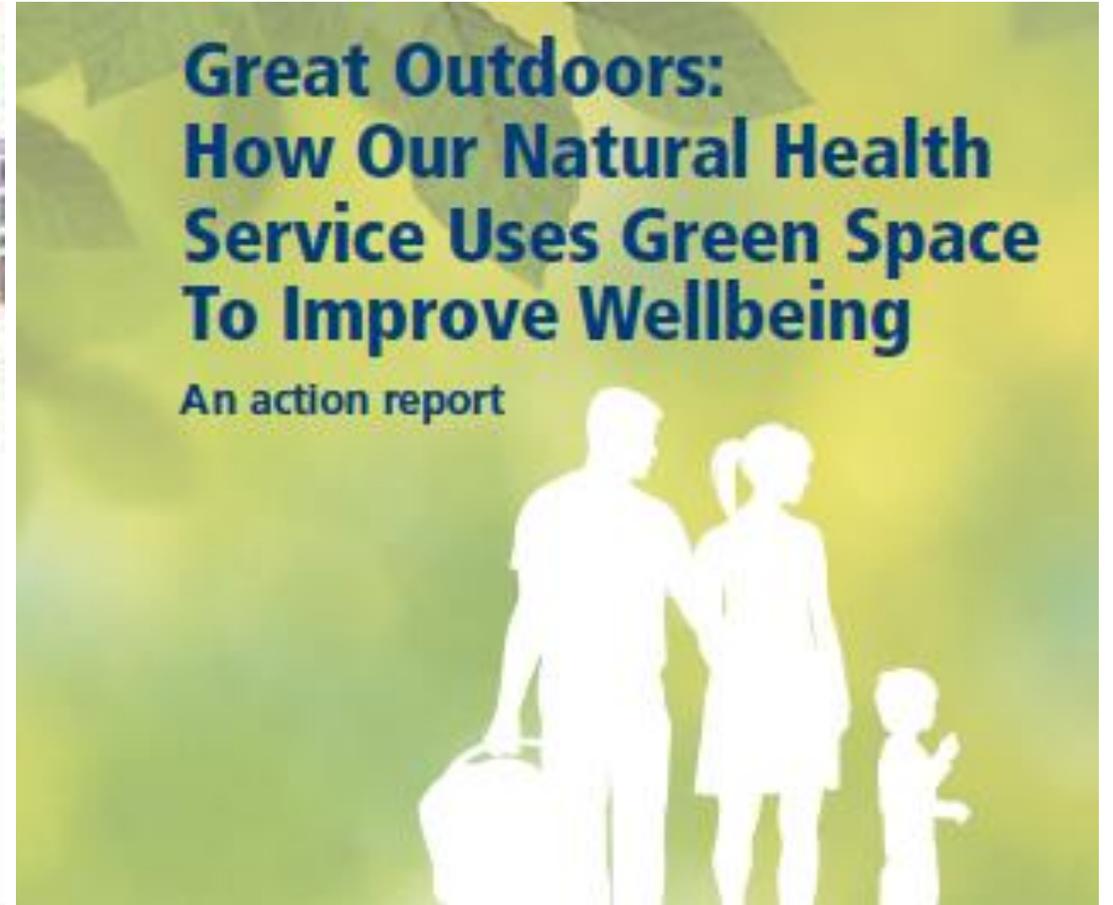


Salzburg Seminars- Public Good Goals:  
Win-Wins for the City and the Planet

- *The One Health for People and Planet Initiative*  
*Interaction Council:*  
*[www.interactioncouncil.org](http://www.interactioncouncil.org)*

Dr Joanna Nurse,  
Strategic Advisor, The Interaction Council  
[drjonurse@gmail.com](mailto:drjonurse@gmail.com)

# Context: Green Spaces for Heatwave Planning to creating population Well-Being



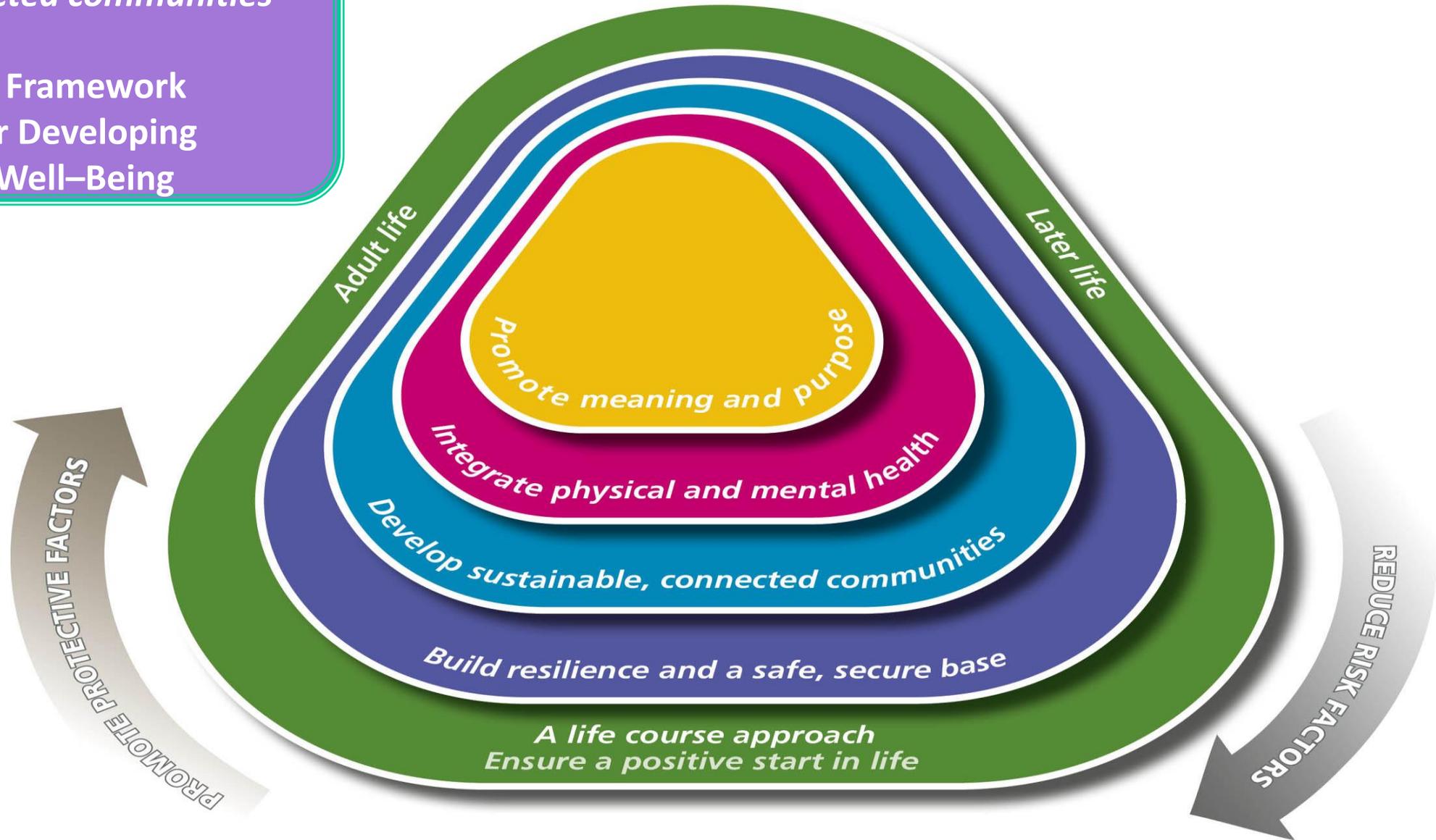
**Satellite map of London during the heatwave 2006**

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/216193/dh\\_127235.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/216193/dh_127235.pdf)

[http://www.fph.org.uk/uploads/bs\\_great\\_outdoors.pdf](http://www.fph.org.uk/uploads/bs_great_outdoors.pdf)

*Create flourishing,  
connected communities*

**A Framework  
for Developing  
Well-Being**



**Confident Communities, Brighter Futures, HM Government, 2010**

[http://toolkit.ineesite.org/toolkit/INEEcms/uploads/1459/UK\\_Department\\_of\\_Health\\_2010\\_Confident\\_communities,\\_brighter\\_futures.pdf](http://toolkit.ineesite.org/toolkit/INEEcms/uploads/1459/UK_Department_of_Health_2010_Confident_communities,_brighter_futures.pdf)

# Context – the Interaction Council – IAC

[www.interactioncouncil.org](http://www.interactioncouncil.org)

The Interaction Council, consists of over 40 former Heads of Government, with priority areas of:

- peace and security
- world economic revitalization
- universal ethical standards

Recent focus on ***global health security*** and planetary health, and the ‘**Dublin Charter for One Health**’ June 2017, represents the culmination of this agenda



***The aim of the Charter for One Health is to promote collaborative responsibility for the health and well-being of the planet – including humans, in order to enable sustainable development.***

# Enhancing the Relevance Of Health for Global Challenges

## Heads of Government: Global Security Challenges

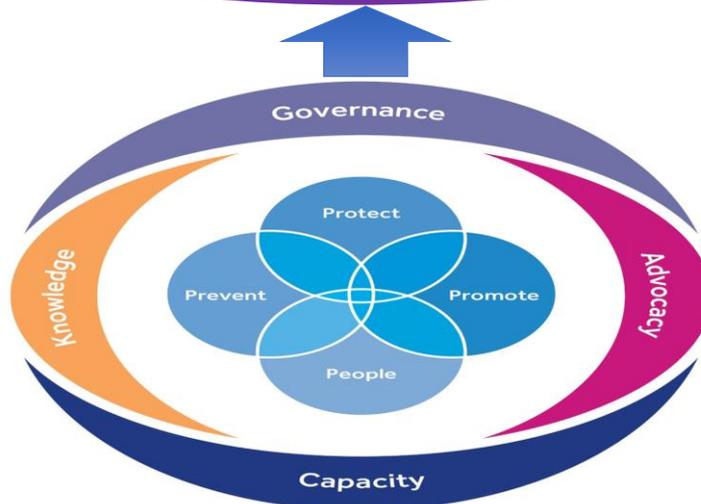
Economic Growth & Sustainable Development

Climate Change

Migration

Violence

Protection



Sustainable Financing for UHC

***Sustainable Financing of UHC as an Essential Component for Global Security including the Reduction of All Forms of Violence: Commonwealth Health Ministers Meeting, 2017***

# **The IAC Dublin Charter for One Health – Taking forward Action**

- 1. Strengthen multi-sector solutions to enable the SDGs**
- 2. Preventive approaches for peace and security, and resilience to emerging threats**
- 3. Mainstream One Health within health systems for Universal Health Coverage**
- 4. Strengthen One Health Governance mechanisms for systems reform**
- 5. Build Planetary Health leadership for future generations**
- 6. Establish an independent accountability mechanism for One Health**

# Diagnosis = the Planet is Sick

*If we consider the Planet's Health:*

## **Cardiovascular system**

= oceans acidic, rivers polluted, Freshwater contaminated

## **Respiratory System**

= air polluted with smog, loss of forests

**Organs** = loss of swamp lands to detoxify

**Mental Health** = biodiversity loss and extinctions

## **Dermatology**

= desertification, mudslides, depleted agriculture

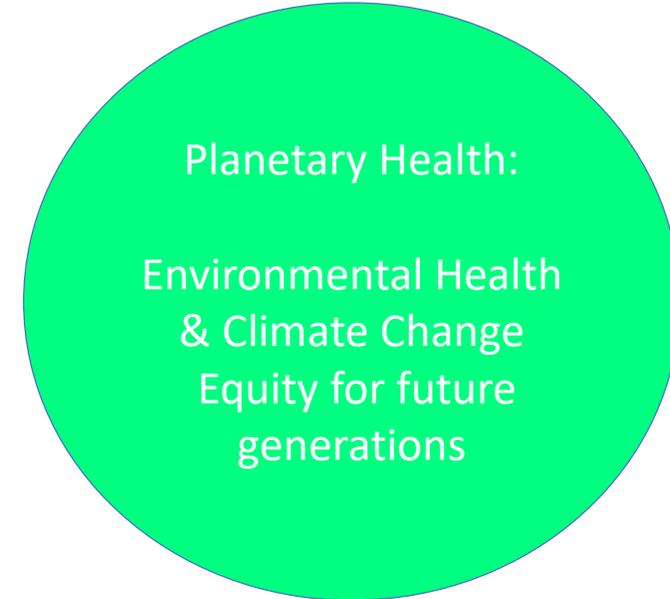
*We would diagnose it as seriously ill – with multiple organ failure*



We need a healthy planet to live

# Development of Planetary and One Health Agendas

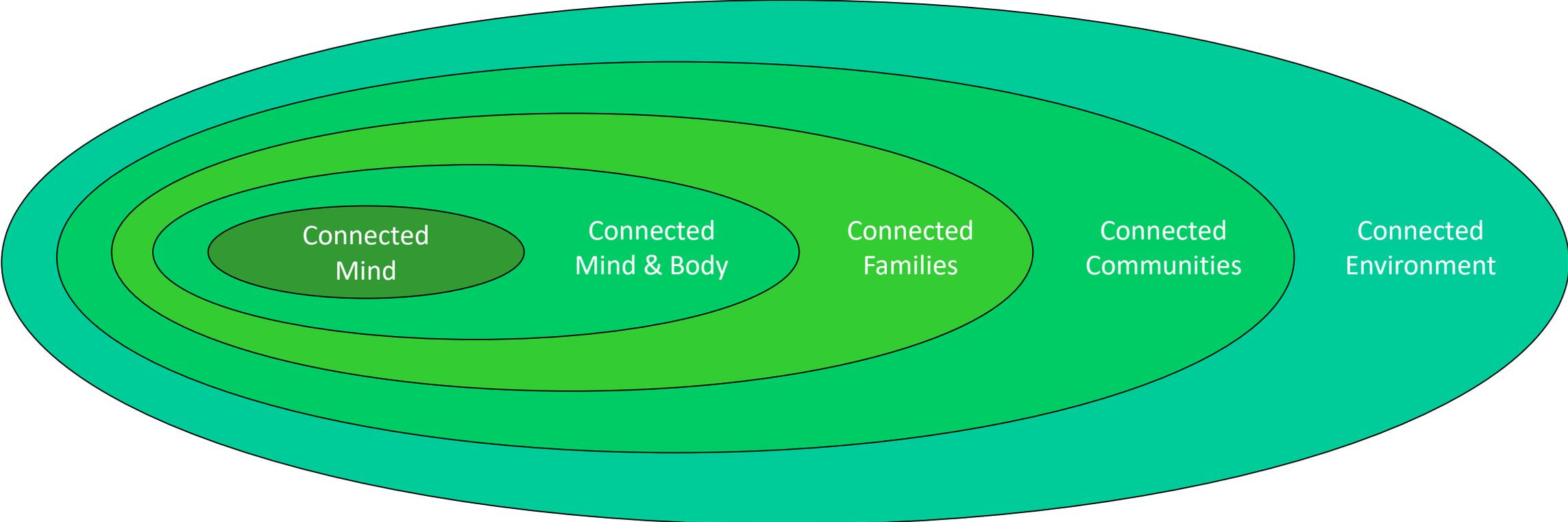
## *Collaborative, multi-sector solutions as part of an eco-system*



**One Health Initiative and Commission – 1980s:**  
Animal – Human Health Conferences since 2015  
One Health Day – annually in November  
Multi-disciplinary network  
Health security and Anti-microbial Resistance

**Planetary Health Commission - 2015:**  
Harvard – Rockefeller – Lancet  
Research network  
“ The health of human civilization  
and the state of the natural systems  
on which it depends” Lancet, 2015

One Health for People and Planet = Humans as part of a wider ecosystem  
*Creating Transformative solutions to deliver Sustainable Development*



*One Health for Global Security and Sustainable Well-Being for All*

# Collaborative Action on 'One Health for People and Planet'

*A unifying approach to enable the SDGs*

## **Governance** – **Systems for Sustainable Development:**

Ethical Framework & leadership, Multi-sector policy, finance, accountability & co-ordination

**Planet** - **a Healthy Planet for All:** The environment, plants, animals and humans; addressing climate change, disasters, adaptation, food & water security

**People** - **One Health Systems for All:** Sustainable delivery of Universal Health Coverage – Protection, Prevention, Promotion and Primary Health Care for Health

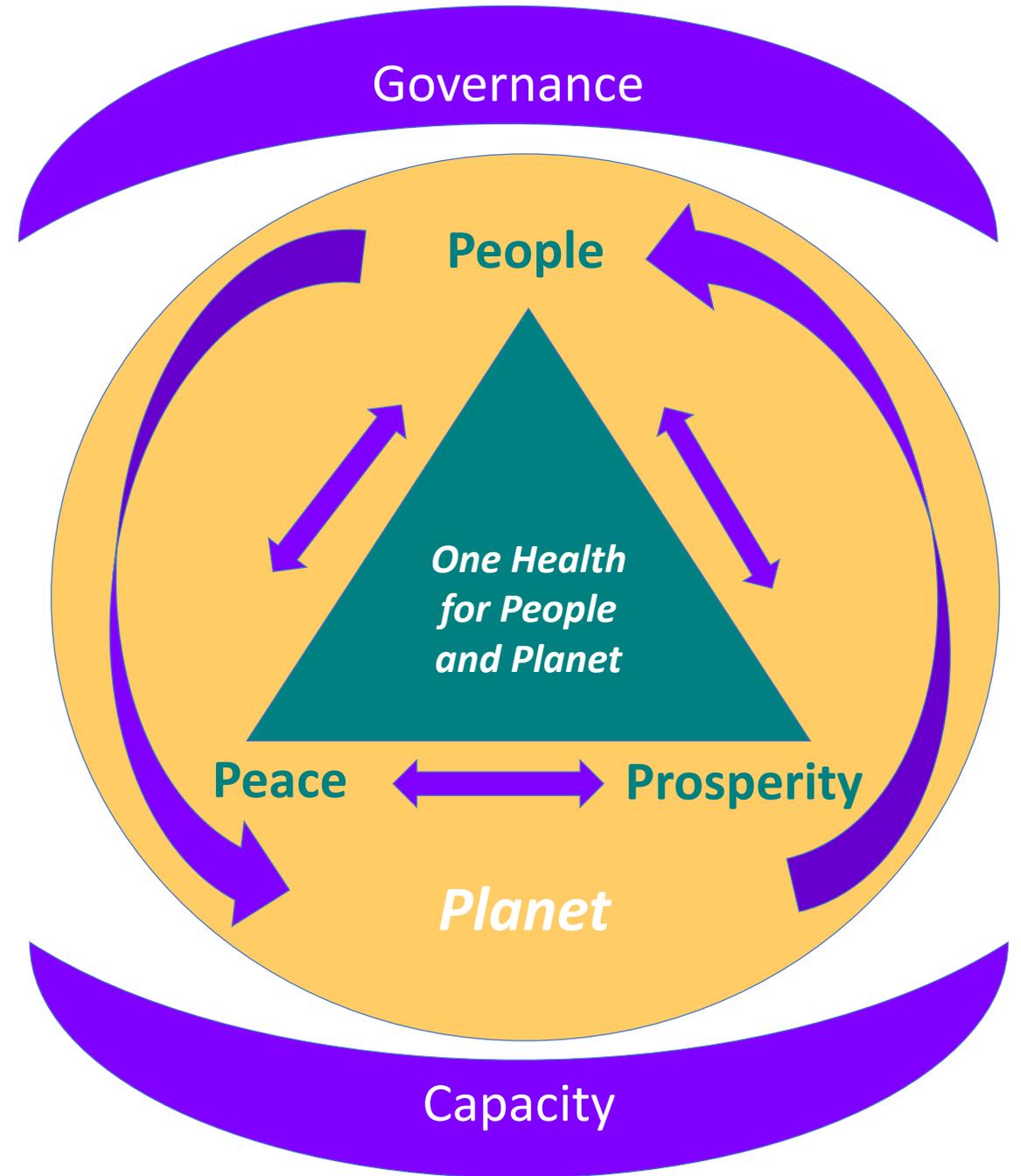
**Peace** – **Resilience and Security in the Planetary Era:** Life course resilience, violence prevention, creating pathways and cultures for peace

**Prosperity** – **for Sustainable well-being:** Eco-Cities, Homes, Energy, Work, Transport and Economic systems designed for a healthy planet

## **Capacity** – **Collaborative Communities for the future:**

Education and workforce, research and innovation; digital systems; community infrastructure

**Principles: Collaborative – multi-sector - systems**

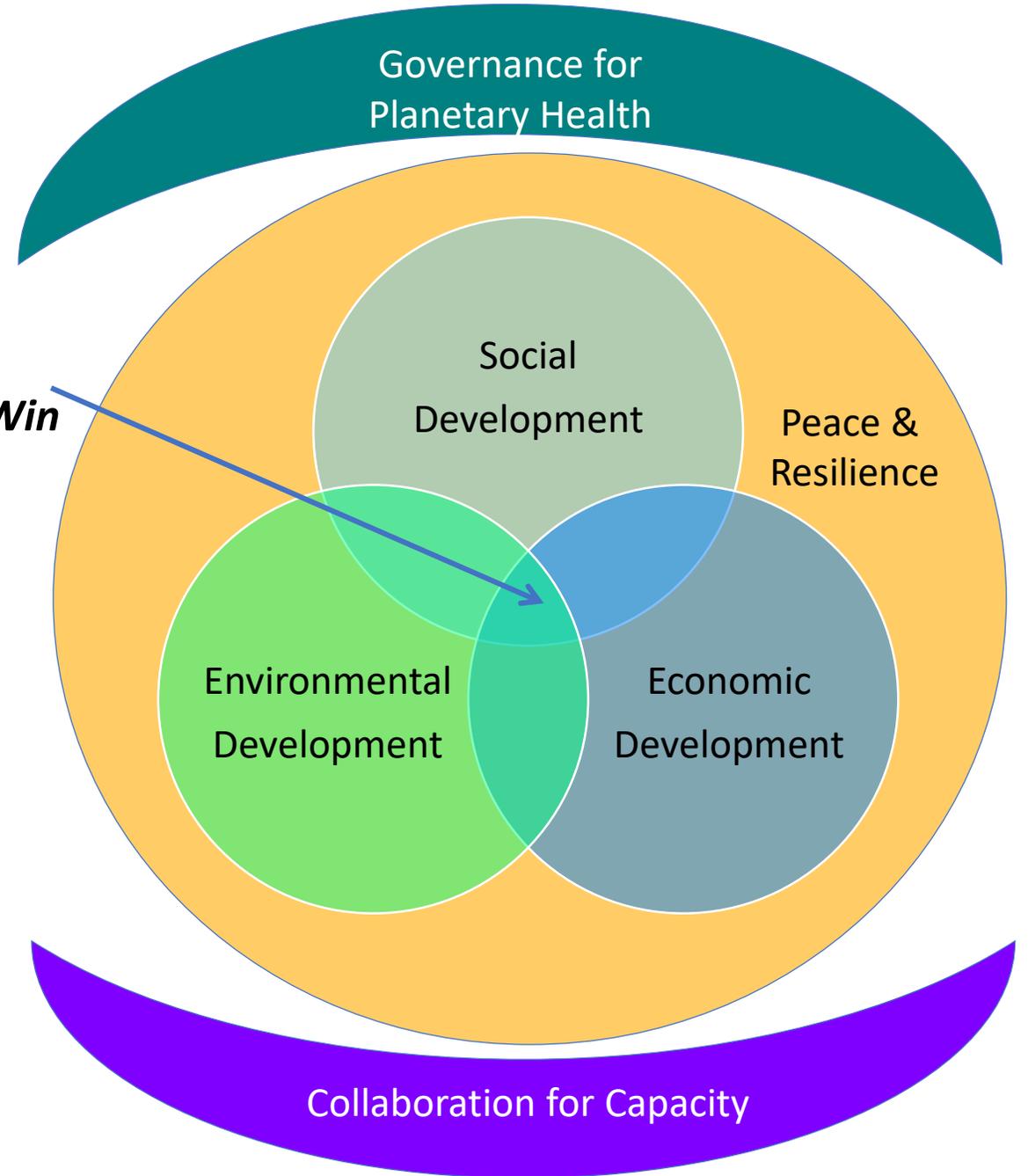


## Principles of The Dublin Charter for One Health, Interaction Council, 2017:

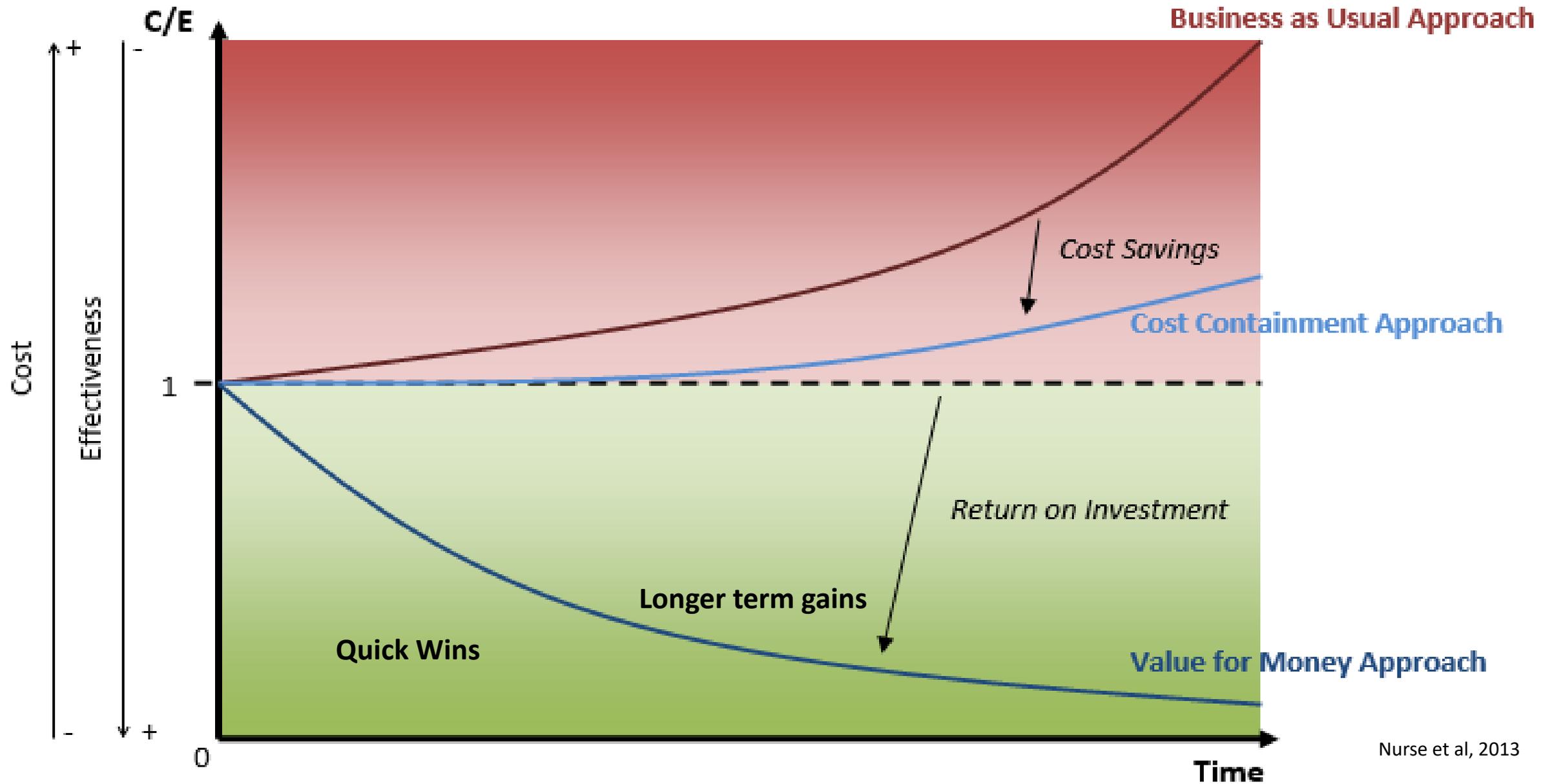
- A unifying theme to deliver the SDGs
- Responsibility to Planetary Health
- Balance between social, environmental and economic development
- Based on Resilience, Peace and Security
- Collaborative action and multidisciplinary systems
- Urgency of planetary health – climate change and the Anthropocene Epoch
- Justice and fairness are interconnected between action now and for future generations

***Planetary Health –A Unifying theme for Delivery of the SDGs***

***Sustainable Well-Being: Win- Win- Win***



# Quick Wins for People, the Environment and the Economy - an economics perspective for public health



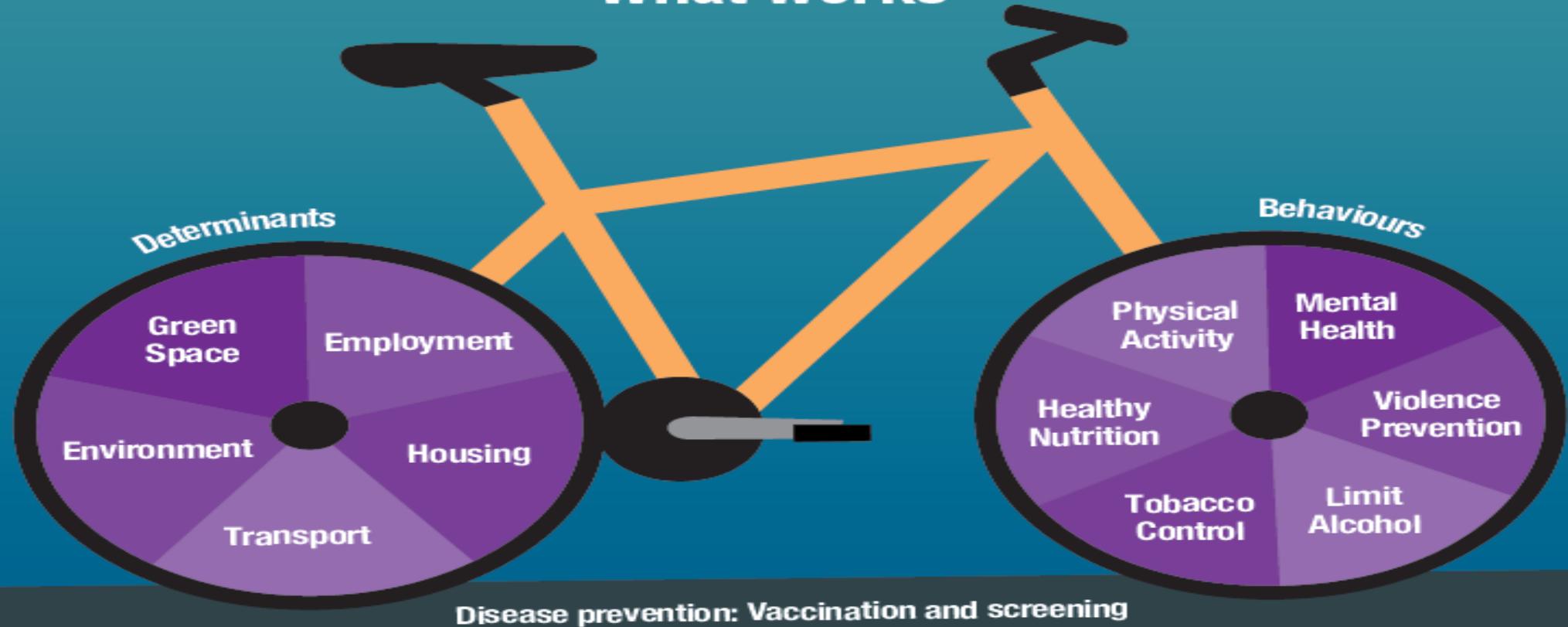


# Invest to save and improve health

## Public health can be part of the solution:

Investment in prevention reduces health costs and lowers welfare benefits  
Promoting health and well-being enhances resilience, employment and social outcomes

### What works



# Quick Win- Win- Wins and longer term gains of Cost-Effective interventions

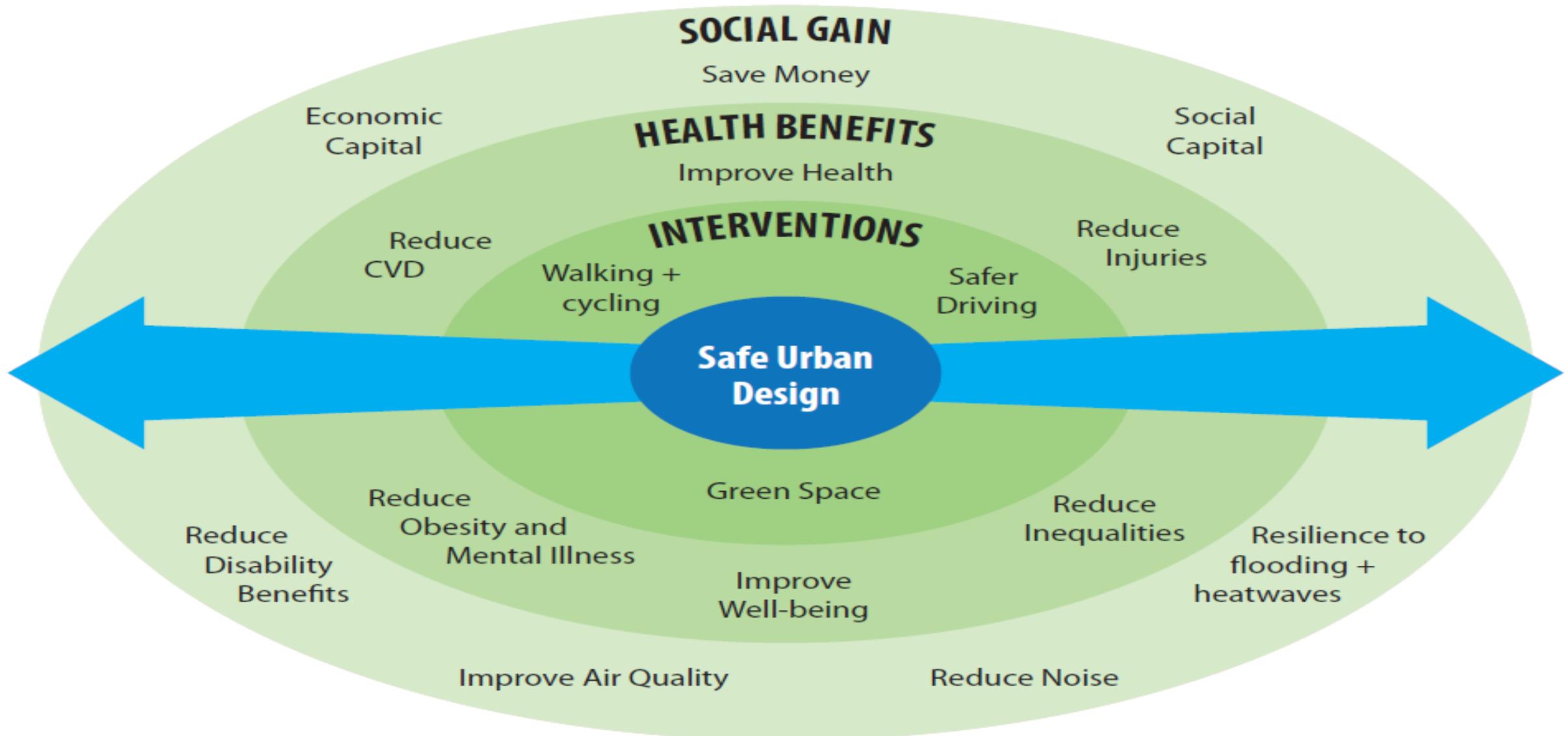
[http://www.euro.who.int/\\_\\_data/assets/pdf\\_file/0009/278073/Case-Investing-Public-Health.pdf](http://www.euro.who.int/__data/assets/pdf_file/0009/278073/Case-Investing-Public-Health.pdf)

Intervention Focus	Quick Wins 0-5 years	Longer Term Gains - Over five years
Environmental Determinants	<ul style="list-style-type: none"> <li>• Road Traffic Injury Prevention*</li> <li>• Active Transport*</li> <li>• Safe Green Spaces*</li> <li>• Heatwave Plan*</li> </ul>	<ul style="list-style-type: none"> <li>• Removal of lead and mercury</li> <li>• Chemical regulation</li> </ul>
Social Determinants	<ul style="list-style-type: none"> <li>• Healthy Employment Programmes</li> <li>• Insulating homes*</li> <li>• Housing ventilation for Asthma</li> <li>• Community falls prevention</li> </ul>	<ul style="list-style-type: none"> <li>• Supported housing for delayed discharges</li> </ul>
Resilience	<ul style="list-style-type: none"> <li>• Violence prevention legislation</li> <li>• Prevention of Post natal depression</li> <li>• Family support projects</li> <li>• Social Emotional Learning</li> <li>• Bullying prevention</li> <li>• Mental health in the workplace</li> <li>• Psychosocial groups for older people</li> <li>• Parenting programmes</li> <li>• Depression prevention</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-school programmes</li> <li>• Prevention of conduct disorder</li> <li>• Multisystemic therapy for juvenile offenders</li> <li>• Detection and care for intimate partner violence</li> </ul>

Orange: cost-effective; Green: offers a return on investment; \*Sustainable: Win-Win- Win

# Promote Safe Urban Design to Save Money and Improve Health

## The Multiplier Effect Illustrated



## *Common Solutions – Green Spaces*



[http://i.treehugger.com/files/th\\_images/parkwheel-thumb.jpg](http://i.treehugger.com/files/th_images/parkwheel-thumb.jpg)

# A Framework for Sustainable Urban Design:

**Governance:** Law, policy, finance, Strategic Planning, multi-sector

**Knowledge:** needs based planning, Information, data, technology, Research and evaluation

**Advocacy:** Community engagement, leadership, entrepreneurship

**Capacity:** to build infrastructure – Active transport, water & sanitation, ICT; training and workforce for Urban Design & healthy cities

**Homes:** age appropriate, affordable, Accessible, sustainable

**Services:** Schools, Health, Police, Fire, Community Services, shops

**Security:** safe traffic, lighting, CTVC, Safety in the home, family & community, resilience from climate change

**Space:** cultural and green spaces, multi-cultural and multi-generational spaces, to build inclusive societies and air quality.

(Windsor Dialogues: Nurse J, 2017)

