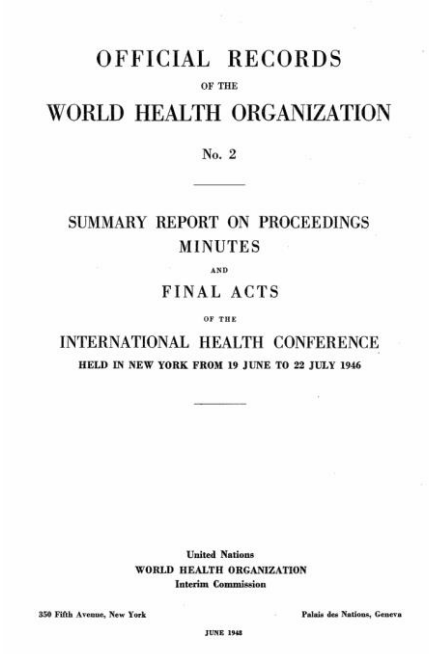
Tra cura ed ecosostenibilità

L'impatto della salute sull'ambiente

Nicole Ticchi
Comunicatrice scientifica

Riccione, 6 maggio 2024
42° Congresso Nazionale SIAN

CLUST-ER HEALTH
SALUTE E BENESSERE


OFFICIAL RECORDS
OF THE
WORLD HEALTH ORGANIZATION
No. 2

SUMMARY REPORT ON PROCEEDINGS
MINUTES
AND
FINAL ACTS
OF THE
INTERNATIONAL HEALTH CONFERENCE
HELD IN NEW YORK FROM 19 JUNE TO 22 JULY 1946

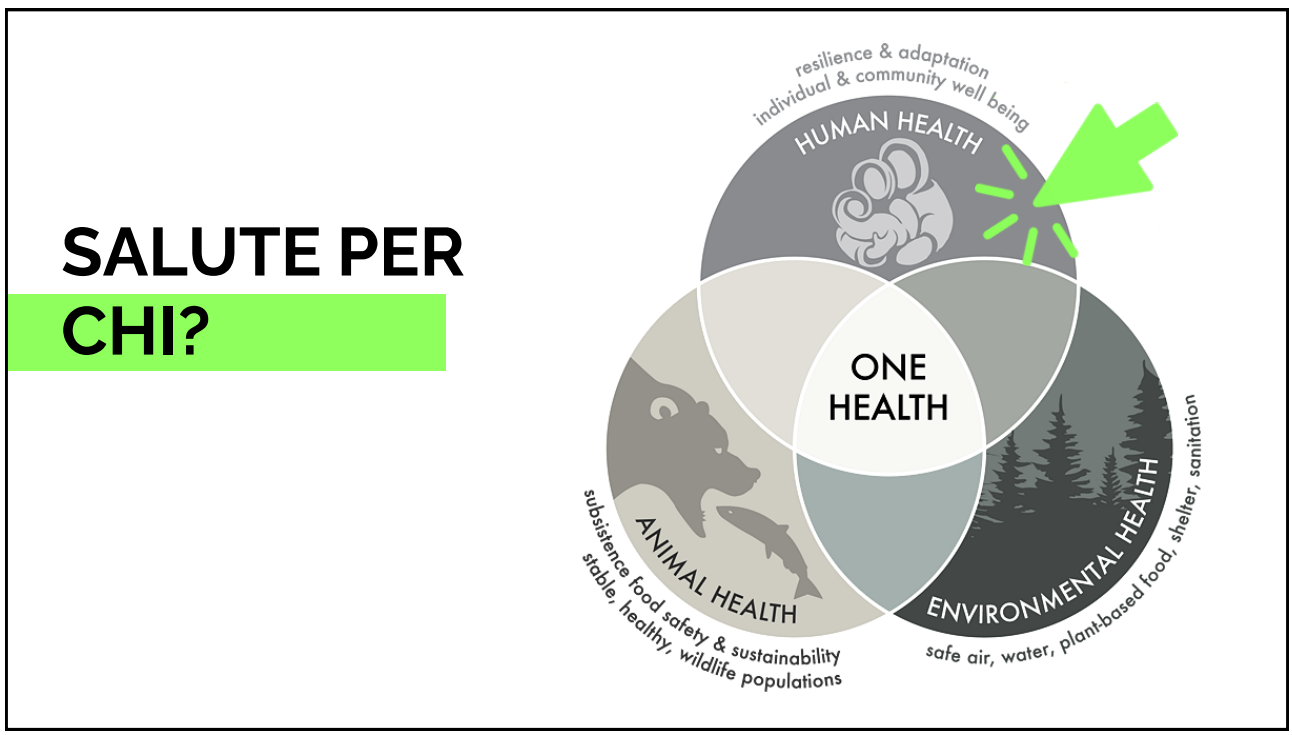
United Nations
WORLD HEALTH ORGANIZATION
Interim Commission

350 Fifth Avenue, New York — Palais des Nations, Geneva

JUNE 1948

CLUST-ER HEALTH
SALUTE E BENESSERE

> **L'obiettivo dell'Organizzazione Mondiale della Sanità deve essere il raggiungimento da parte di tutti i popoli del più alto livello di salute possibile**



La World Health Organization (WHO) stima che il 23% delle morti globali sono associate a fattori ambientali

Nature Reviews Nephrology volume 17, pages7–8 (2021)

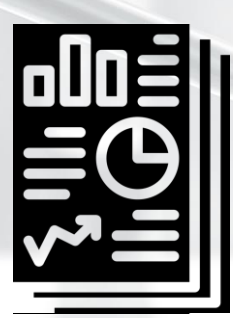
First, Do No Harm

- Pazienti
- Ecosistema

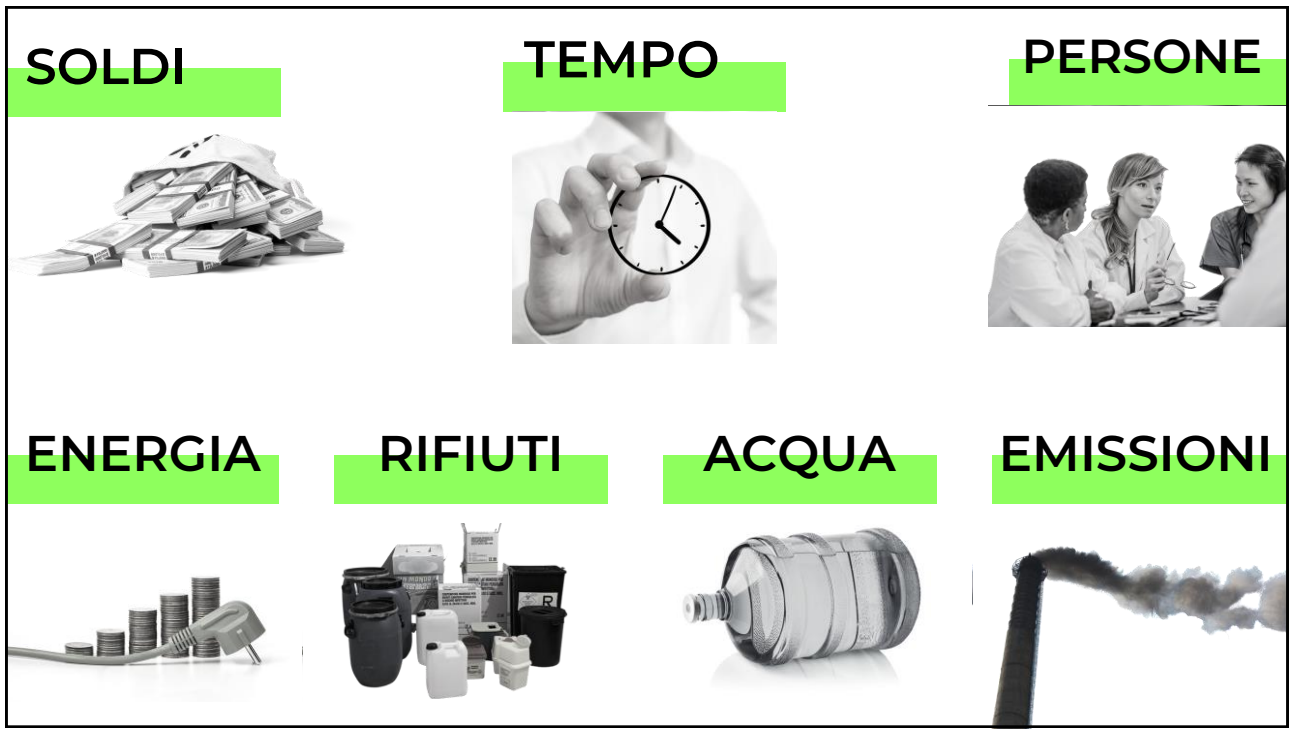
First do no harm. Why healthcare needs to change (World Economic Forum, 2019)

QUANTO COSTA LA SALUTE?

A quali indicatori stai pensando?



UNA LUNGA STRADA



+

55%

rispetto al settore automobilistico

Emissioni del settore farmaceutico del 2015, calcolate in rapporto ai milioni di dollari di ricavo

Carbon footprint of the global pharmaceutical industry and relative impact of its major players

A chi importa dell'impronta del carbonio quando stai facendo così tanto per l'umanità?

Lotfi Belkhir
McMaster University

Global warning: pharma's role in the climate crisis

The carbon footprint of clinical trials: a global survey on the status quo and current regulatory guidance

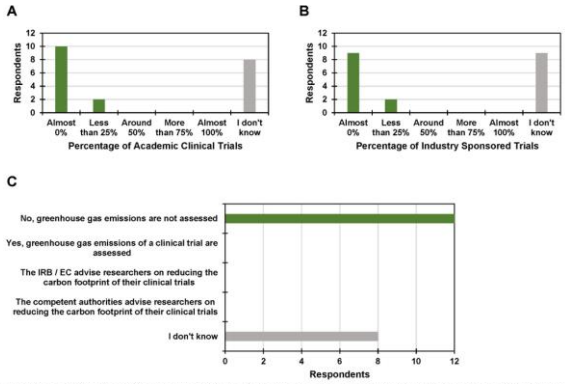


Figure 2 Percentage of trials focusing on a reduction of greenhouse gas emissions for (A) academic clinical trials; and (B) industry-sponsored trials; (C) focus on the carbon footprint during submission to IRBs/ECs or competent authorities. EC, Ethics Committee; IRBs, Institutional Review Boards.

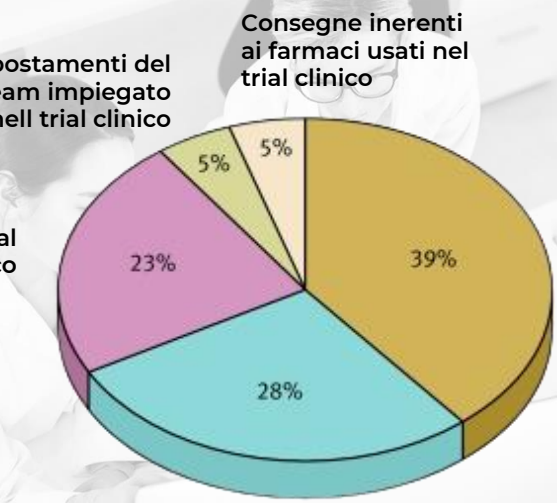
The carbon footprint of clinical trials: a global survey on the status quo and current regulatory guidance

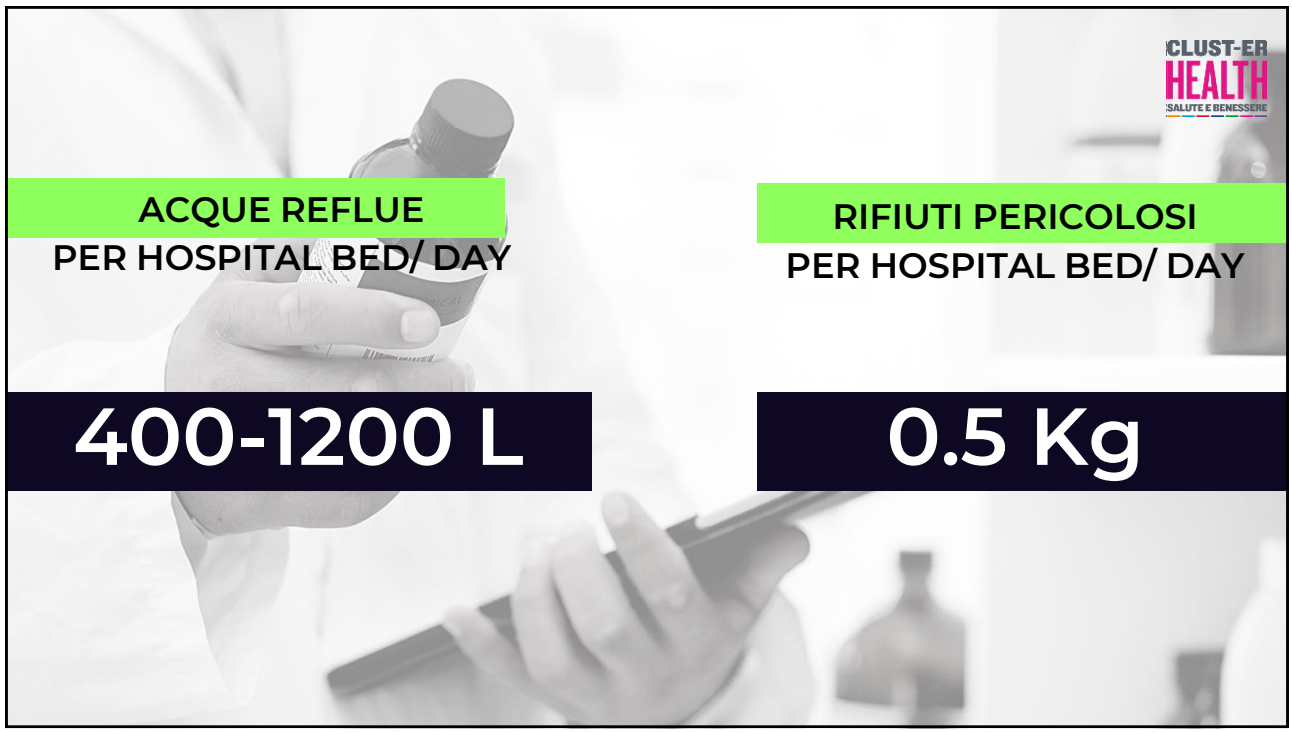
BMJ Global Health

> ***We need to raise awareness in order to increase the pace of action to avert one of the most important global challenges of our time. Long-term change will require sustained commitment by research institutions, regulatory authorities and funding bodies.***

Quanto incidono le diverse fasi?

TRIALS CLINICI

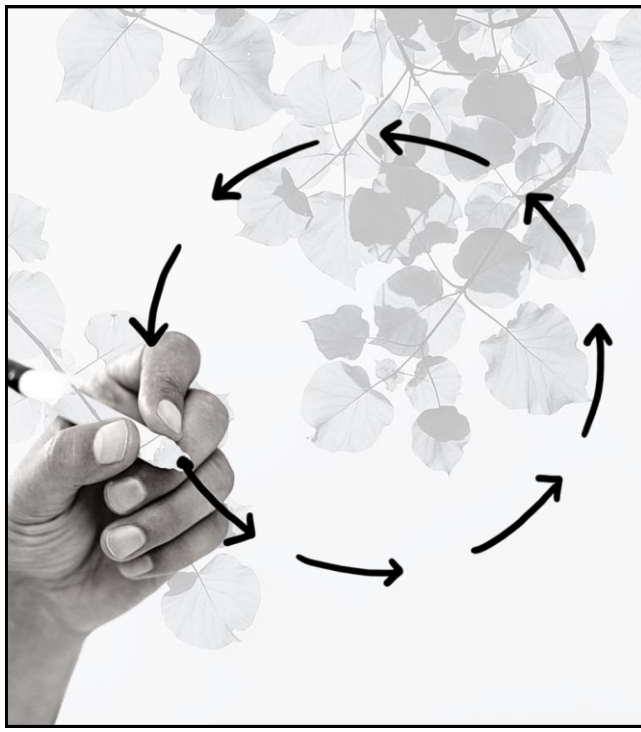




Le strutture del settore sanitario sono il cuore operativo dell'erogazione dei servizi, della protezione della salute, del trattamento dei pazienti e del salvataggio di vite umane, eppure sono anche una fonte di emissioni di carbonio e contribuiscono al cambiamento climatico, mediante l'utilizzo di risorse e apparecchiature energivore.

Come professionisti medici il nostro impegno è in primo luogo quello di non nuocere. I luoghi di guarigione dovrebbero essere all'avanguardia, non contribuire al fardello della malattia.

Tedros Adhanom Ghebreyesus
Direttore generale dell'Organizzazione Mondiale della Sanità



Quanto di quello che immettiamo nell'ambiente per curarci contribuisce all'insorgenza stessa delle malattie che curiamo?

#Awareness

Scelta indicatori

Raccolta dei dati

Elaborazione strategie

#Awareness

Comment | Published: 09 June 2022

Do no harm: addressing the environmental impact of health care

Frances Mortimer & David Pencheon

Nature Reviews Disease Primers 8, Article number: 38 (2022) | Cite this article

762 Accesses | 4 Citations | 20 Altmetric | Metrics

Planetary and human health are inseparably connected; yet, health-care systems produce considerable amounts of greenhouse gas emissions, waste and pollution. A growing movement to measure and mitigate the health sector's own climate damage is underway, supported by national policies and clinical innovation.

International Journal of Environmental Research and Public Health

MDPI

Review

Identifying Environmental Impact Factors for Sustainable Healthcare: A Scoping Review

Marieke Sijm-Eeken, Monique Jaspers and Linda Peute

Contents lists available at ScienceDirect

Resources, Conservation & Recycling

journal homepage: www.elsevier.com/locate/resconrec

ELSEVIER

Full length article

Incorporating environmental impacts into the economic evaluation of health care systems: Perspectives from ecological economics

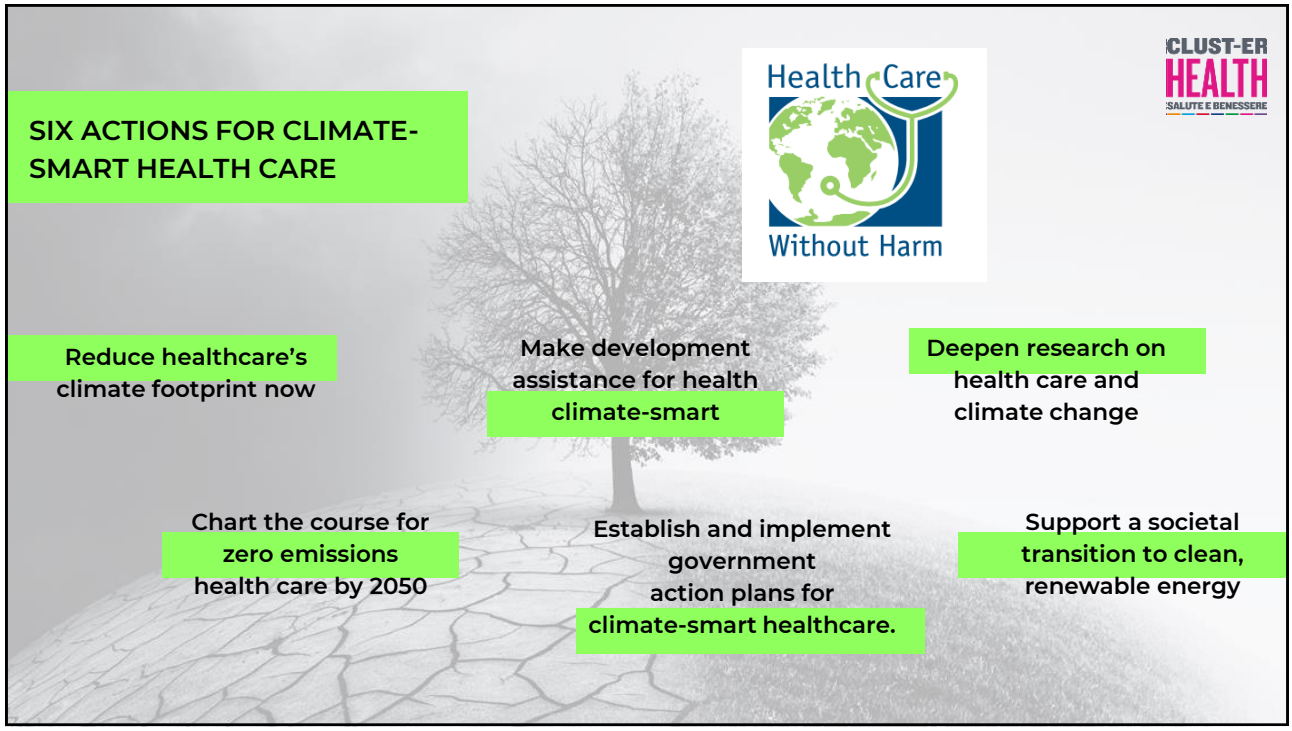
Martin Hensher

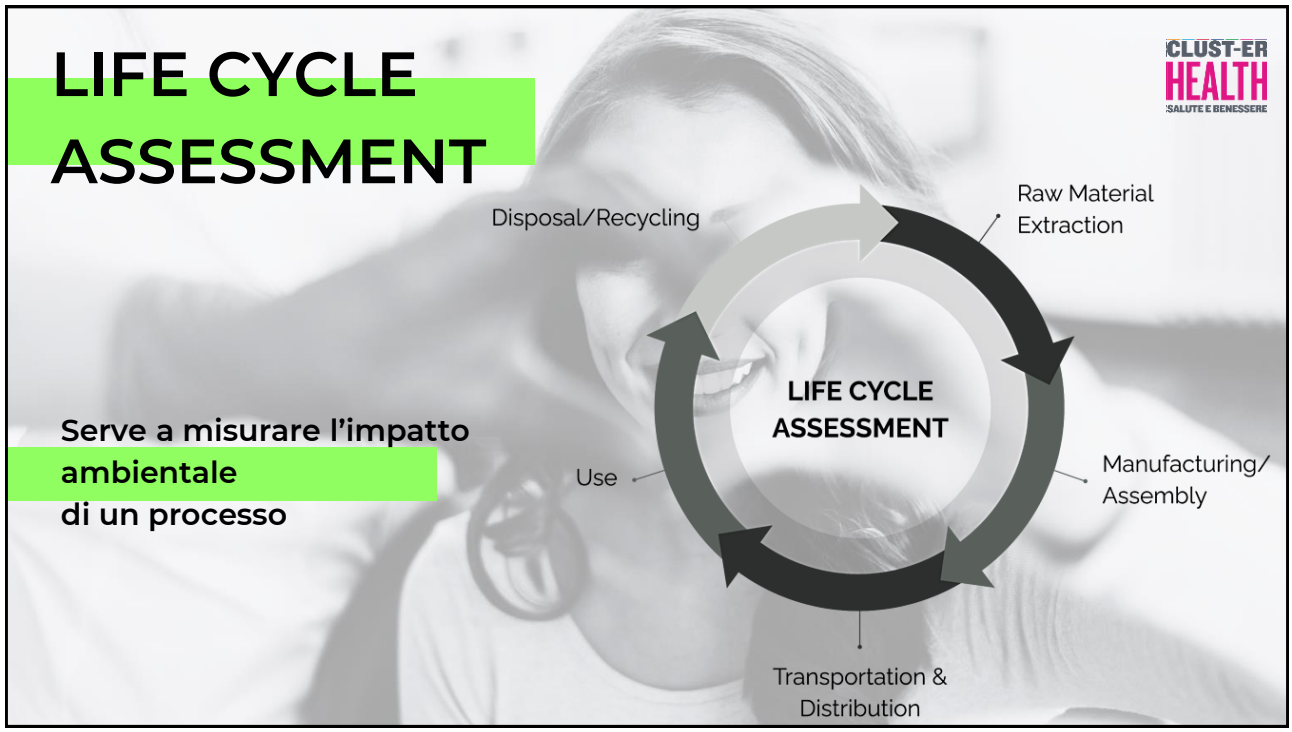
ARTICLE INFO

Keywords:
Health care
Environmental impacts
Externalities
Economic evaluation
Health economics
Ecological economics

ABSTRACT

Health care is responsible for a range of negative environmental impacts, including greenhouse gas emissions, air pollution, plastics waste, and pharmaceutical pollution of ecosystems through excretion and inappropriate disposal. Evidence on the scale of these impacts has been growing in high-income countries. To date, there has been only limited discussion of how environmental impacts might be incorporated into economic evaluations of health care programs, including health technology assessment. This paper considers why and how this aim might be achieved, using perspectives from both mainstream and ecological economics. There are strong arguments for using economic evaluation to internalise the negative environmental externalities currently being generated by health care, as well as precautionary arguments for health systems to better understand their exposure to their environmental impacts. The paper tests the feasibility of incorporating the costs of greenhouse gas emissions within costing for economic evaluation, and concludes that the use of shadow prices to achieve this aim is feasible. It suggests that this cost-based approach is preferable to more convoluted attempts to incorporate environmental impacts in the outcome component of health economic evaluations. The interaction between overuse, antimicrobial resistance and environmental harms of health care is identified as an area that would benefit from investigation using innovative economic methods.





Greener Practice

CLUST-ER HEALTH SALUTE E BENESSERE

The UK's primary care sustainability network

http:// Reducing waste in health care

http:// Healthcare waste minimization

NETWORKS

http:// PHYSICIAN NETWORK RESOURCE LIBRARY

http:// PHYSICIAN NETWORK RESOURCE LIBRARY

ONE HEALTH

CLUST-ER HEALTH SALUTE E BENESSERE

SINCE
2004

Un approccio olistico che riconosce che la salute umana, la salute animale e la salute dell'ecosistema sono legate indissolubilmente