



D1

INNOVATIONS THAT CAN REDUCE THE IMPACT OF HEALTHCARE ON THE ENVIRONMENT

BMJ Innovations


مؤسسة قطر
Qatar Foundation


مؤتمر القمة العالمي للابتكار في الرعاية الصحية
World Innovation Summit for Health

DECLARATION

- The work has been kindly supported through a grant from our BMJ Innovations strategic partner the World Innovation Summit for Health
- BMJ maintained full editorial control over commissioning, external peer review, editing and publication of all articles
- To ensure independence, the executive editor of this special collection does not have contact with the funder

SPEAKERS



Ashley
McKimm



Fawsia
Rasheed



Shweta
Narayan



Peter
Friberg



Elaine
Mulcahy



Ruth
Stringer



David
Maffeo



Sam
Hu

SAVING CO₂

ONE FORUM SESSION AT TIME!

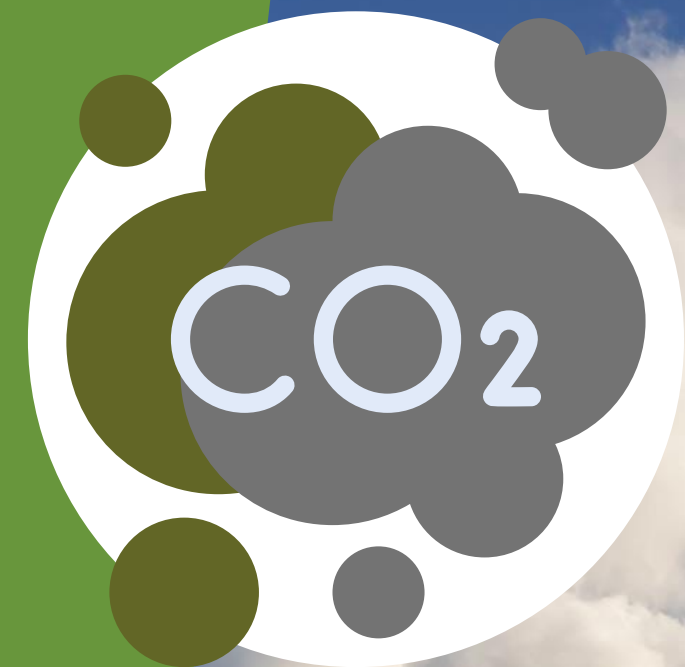
10.46 TONNES OF CO₂

= 91% OF



EU Average - 11,5 tons CO₂ per household

Mapping the carbon footprint of EU regions. (2017). Environ. Res. Lett. 12 054013. DOI: 10.1088/1748-9326/aa6da9



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#Quality2022

How worried are you about the impact of your work
or organisation on the environment?



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How worried are you about the impact of your work or organisation on the environment?



#Quality2022

Do you feel empowered to introduce new ideas to
reduce the impact on the environment?



Do you feel empowered to introduce new ideas to reduce the impact on the environment?

SHWETA Narayan

International Climate and Health Campaigner
Health Care Without Harm





Photograph: AFP/Getty Images



Photograph: PTI



Photograph: PTI



Global Road Map for Health Care Decarbonization

A navigational tool
for achieving zero emissions
with climate resilience
and health equity

Health Care Without Harm
Climate-Smart Health Care Series

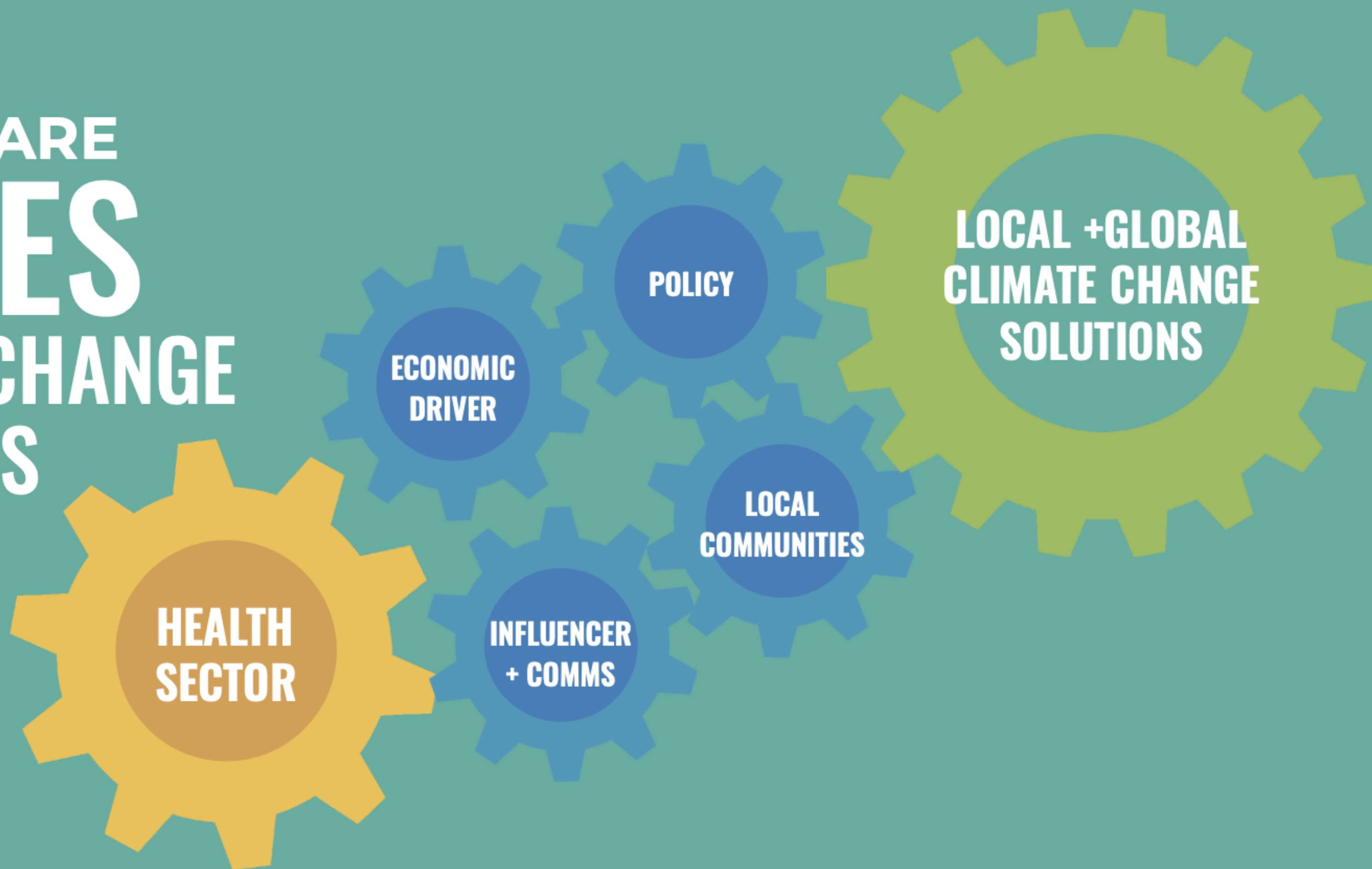
Green Paper
Number Two



- Under a business-as-usual scenario health care's footprint will triple by 2050.
- Through seven high-impact actions health care can reduce its emissions by 44 gigatons by 2050 and close in on zero emissions.
- The sector can achieve decarbonization while ensuring greater health equity and climate justice between nations.

healthcareclimateaction.org/roadmap

HEALTH CARE
DRIVES
CLIMATE CHANGE
SOLUTIONS



RACE TO ZERO

63

health organizations
representing

14,000

hospitals and health care facilities

22

countries from
the Americas, Asia, Africa
and Europe...

with more to come!





Photograph: Ishaan Tankha



Photograph: Danish Siddiqui/Reuters



Photograph: Healthy Energy Initiative India



**HEALTHCARE
CONTRIBUTES OVER**

5%

**OF TOTAL
GREENHOUSE
GASES**

Lenzen M, Malik A, Li M, Fry J, Weisz H, Pichler PP, Chaves LSM, Capon A, Pencheon D. The environmental footprint of health care: a global assessment. Lancet Planet Health. 2020 Jul;4(7):e271-e279



**EACH HOSPITAL BED
GENERATES OVER**

1 TONNE

**OF WASTE PER
YEAR IN EUROPE**

Lenzen M, Malik A, Li M, Fry J, Weisz H, Pichler PP, Chaves LSM, Capon A, Pencheon D. The environmental footprint of health care: a global assessment. Lancet Planet Health. 2020 Jul;4(7):e271-e279

FAWZIA RASHEED

Senior Advisor to the Director of Health
Aga Khan Development Network





BMJ Innovations SPECIAL COLLECTION

- Research and thought leadership on new ways we can reduce the impact on the environment
- Collection of case reports from individuals and organisations

innovations.bmj.com

BMJ Innovations CASE REPORTS

1



Biodigestion



Ruth Stringer
Nepal

2



Reducing anaesthetic gases



Sam Hu
UK



How do we actually reduce the impact of
healthcare on the environment?

BMJ Innovations CASE REPORTS

3



Hospital kitchen garden



David Maffeo
Boston Medical Center



THE CHALLENGE

How can you reduce the impact of
healthcare on the environment?

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PLEASE SUBMIT YOUR FEEDBACK



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