Existing mechanisms for utilizing data in policymaking and barriers to leveraging data

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Round Table:

Leveraging Data-Driven Evidence
To Inform Policy Decisions on Diabetes in Kyrgyzstan



Background

Generation of Evidence

Systematic Reviews

Evidence synthesis of many articles

Appraisal of single articles

Randomised Controlled Trials

Cohort Studies

Case-control studies

Cross-sectional studies

Case Reports

Expert Opinions

Desai et al. 2019

The word → «POLICY»

French	Russian
Policy = Politique = Same word as Politics	Policy = Политика = Same word as Politics (?)
Policy = Course of action or plan agreed, upon by governments, e.g Health policy	
Politics = Set of beliefs	





Science to Policy

Diabetes care in sub-Saharan Africa

The increasing numbers of people with type 2 diabetes in a workfolde concern. It presents an added dailungs in a workfolde concern. It presents are added dailungs in the contract of the property of the prop

We review the current evidence on diabetes care in sub-Saharan Africa and propose an H-point action plan to address this problem in the region.

Introduction
Many Africa countries more face a double disease burden, with increasing numbers of patients with non-communication diseases, such as hypersections, strake, communy heart diseases, such as hypersections, strake, communication diseases, such as hypersections, strakes, communication diseases, strakes, and strakes desired at 10 million 2000 and in spendent of strakes, and strakes, and strakes and strakes, and strakes and strakes, and strakes, and strakes, and strakes and strakes, and strakes and strakes, and strakes, and strakes and strakes, and strakes and strakes, and strakes, and strakes, and strakes, and strakes and strakes, and stra



non transmissibles: un défi Stratégie nationale Prévention des maladies non transmissibles 2017–2024 (stratégie MNT), version courte cardio-vasculaires Maladies chroniques Cancer Maladies musculo-

Les maladies



www.thelarcot.com Vol 368 November 11, 2006

IMAGE 1:

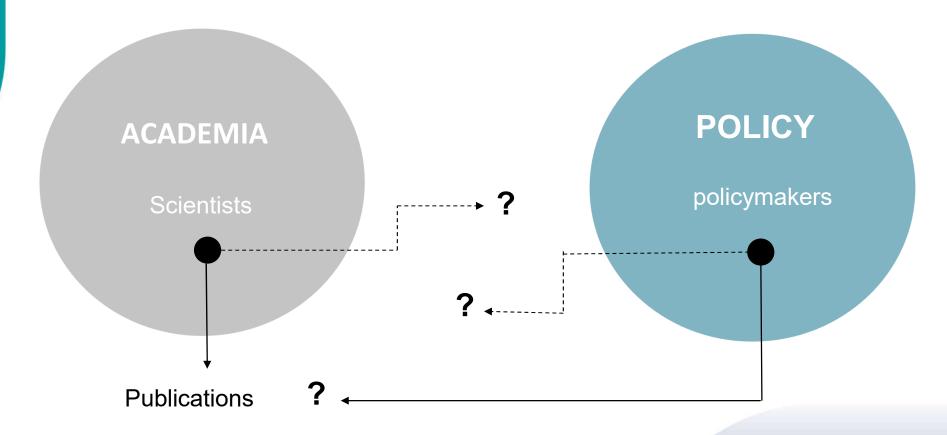
https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(06)69704-3/abstract

IMAGE 2: https://www.bag.admin.ch/bag/fr/home/strategie-und-politik/nationalegesundheitsstrategien/strategie-nicht-uebertragbare-krankheiten.html





Mismatch at the interface









Mediating the field







Background – Why is this not straight forward?

- Sender
- Receiver
- Channel
- Message
- Feedback
- Noise







Sender

- Actual researcher
 - Seniority
 - Reputation
 - "Known"
- Knowledge broker
 - Reputation
 - From where, e.g. World Health Organization versus NGO
- Media
- What is the person's agenda?





Receiver

- Seniority
- Civil servant versus political appointment
- Understanding of health-related issues
- Political climate





Channel

- Social Media
- Media
- Policy brief
- Oral presentation
- Formal or informal meeting
- Etc.







Message

- Clarity
- Take home
- Resonates
- Linked with political interests/political agenda
- Feasibility of solution(s)





Feedback

- How is an opportunity for this created?
- How is this provided?
- Depends on interaction
- Depends on person





Noise

- Current political climate
- Current political priorities
- Competing priorities
- Who was in the office just before you?
- What is in the media
- Agreement or not on evidence

■ The New York Times

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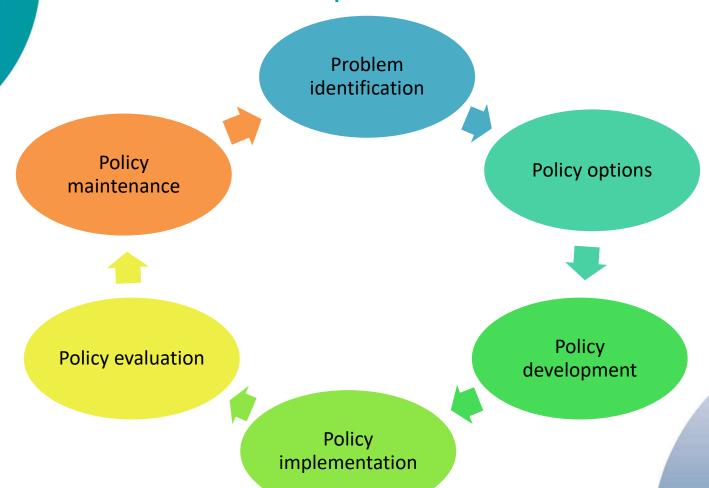
Eat Less Red Meat, Scientists Said. Now Some Believe That Was Bad Advice.

The evidence is too weak to justify telling individuals to eat less beef and pork, according to new research. The findings "erode public trust," critics said.



Policy Process

Nice and neat process....





Policy Process

- Nice and neat process....
 - Lead additives in paint
 - Tobacco
 - Climate Change
 - Obesity
 - Alcohol
 - Illegal Drugs
 - COVID-19
 - Beliefs versus course of action



https://www.firstthings.com/blogs/firstthough ts/2011/09/18873



The Example of Insulin

Problem identification



Policy options



Policy development



Policy implementation



Research & Development and Innovation



Manufacturing



Marketing Registration



Selection, Pricing and Reimbursement



Procurement and supply



Prescribing



Dispensing



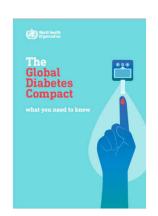
Use



SEVENTY-FOURTH WORLD HEALTH ASSEMBLY Agenda item 13.2

A74/A/CONF./5 24 May 2021

Reducing the burden of noncommunicable diseases through strengthening prevention and control of diabetes





Utilizing Data

- For diabetes we know what we need to do
 - Prevention
 - Care
- A lot of research exists
 - Is it used?
 - Is it adapted?
 - Gaps for Low and Middle Income Countries



Bridging the gap

- Qualitative work as part of the development of the WHO diabetes prioritised research agenda
 - Work supported by the Geneva Science-Policy Interface

"There is often a huge gap as both researchers and policy makers are in their own bubble."

"Somehow, they are aware but as it is a silent disease, it is not seen as a priority nor a serious issue."

"The needs are really broad it is hard to address everything."

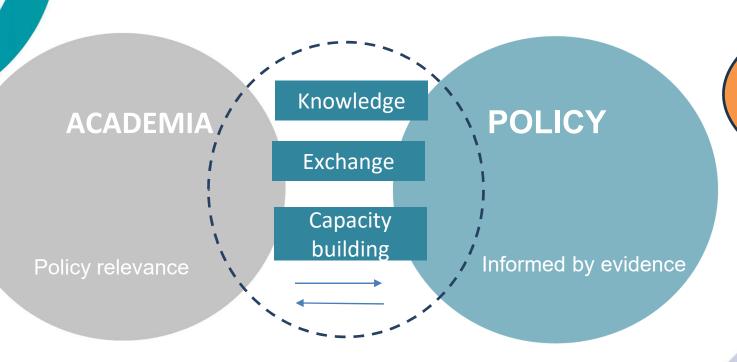
"Do we want to have more people diagnosed or do we want to have discoveries of new ways to manage diabetes?"





Knowledge Translation Platform

Knowledge translation platforms (KTPs) are intermediary organisations, initiatives or networks whose intent is to overcome a range of inter-relationship and contextual challenges using a multitude of strategies and tools.



"Science platform that could allow policy makers to quickly have the research that they are looking for and in a convenient format."





Thoughts and reflexions

- Theory versus practice
 - We are dealing with human beings
- Role of researchers
 - Which policies
 - Policy level to target and the impact we want
 - Do not under-estimate the role of academia
 - Funders and institutions "want this"
- Role(s) as policy makers
- What tools are we missing
 - Training
 - Funding
 - Not one-off funding work



Thoughts and reflexions

- Time investment
 - Detracts from true "work"
 - Political systems and understanding these
 - Relationships
 - Exchanges and coffee breaks
 - Time frames are different
- Research and policies
 - Not all research is policy relevant
 - Not only about good science
 - Framing of science/message
 - Windows of opportunity
- Dealing with other stakeholders
 - Advocates
 - Knowledge brokers
 - Media



THANK YOU!

Questions?

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