

# Session 2. Financing the global response to AMR

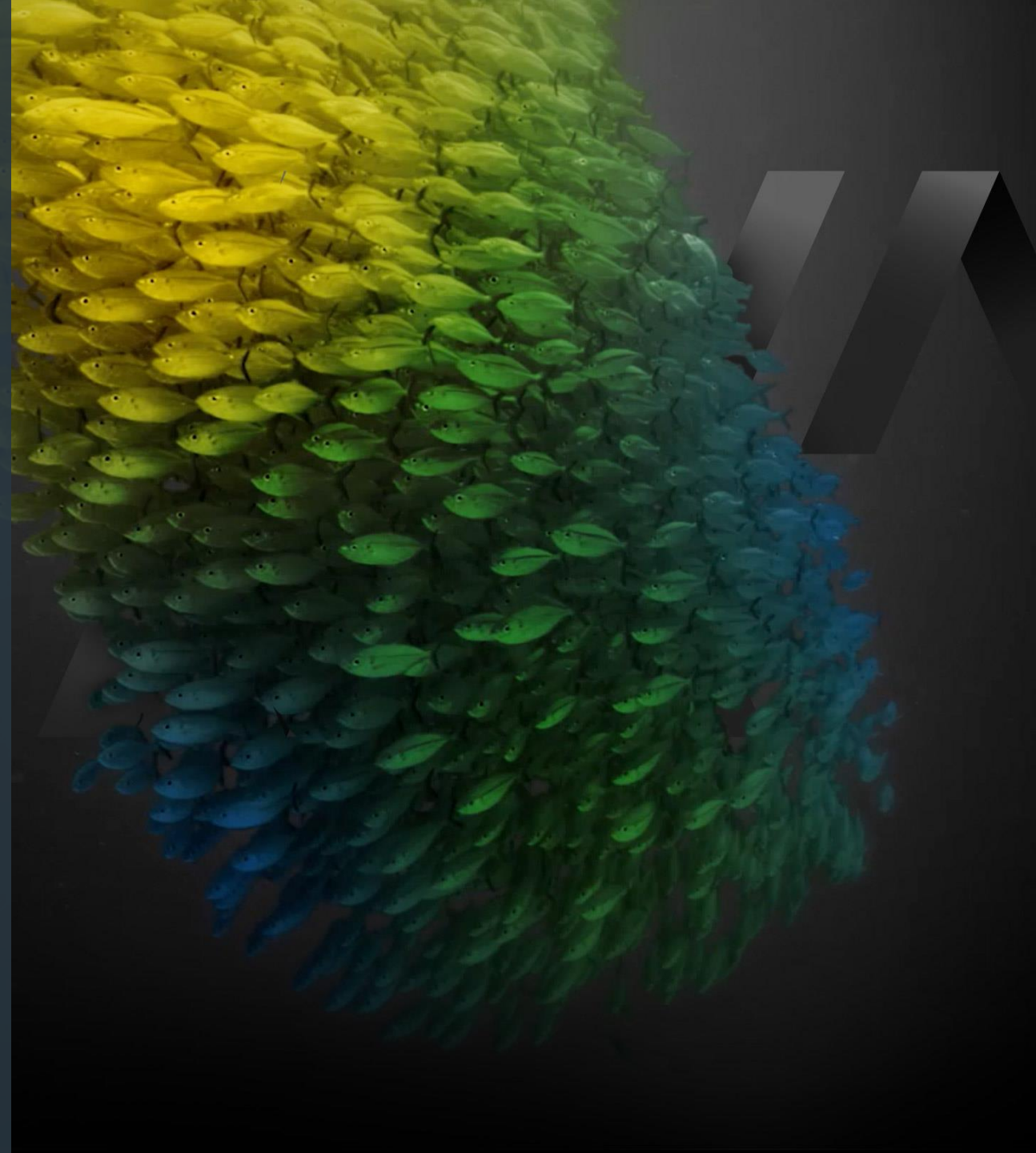
**Opportunities for financing National Action Plans on AMR through leveraging existing and new financing mechanisms and systems**

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7 February 2023

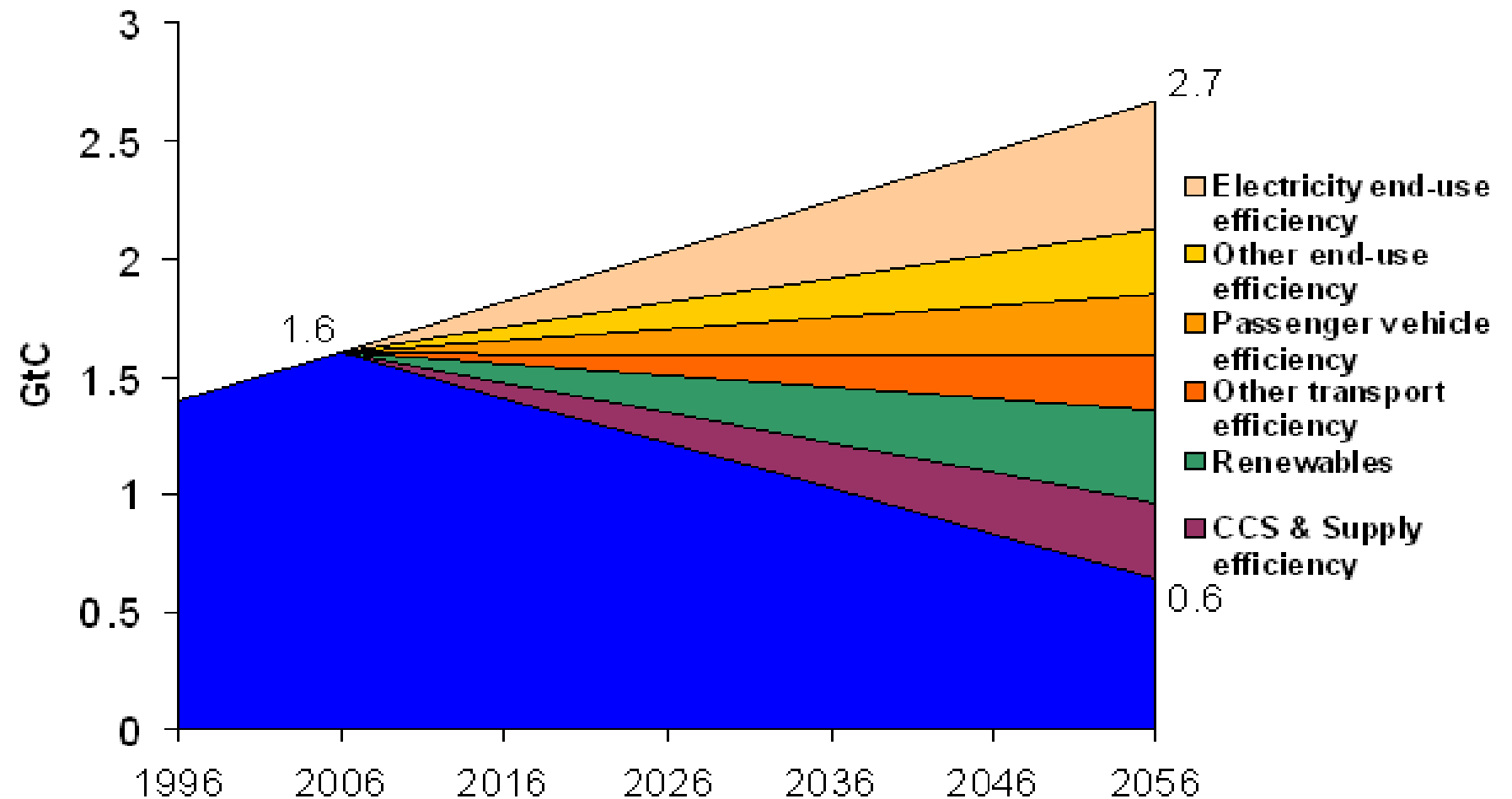
Abigail Herron

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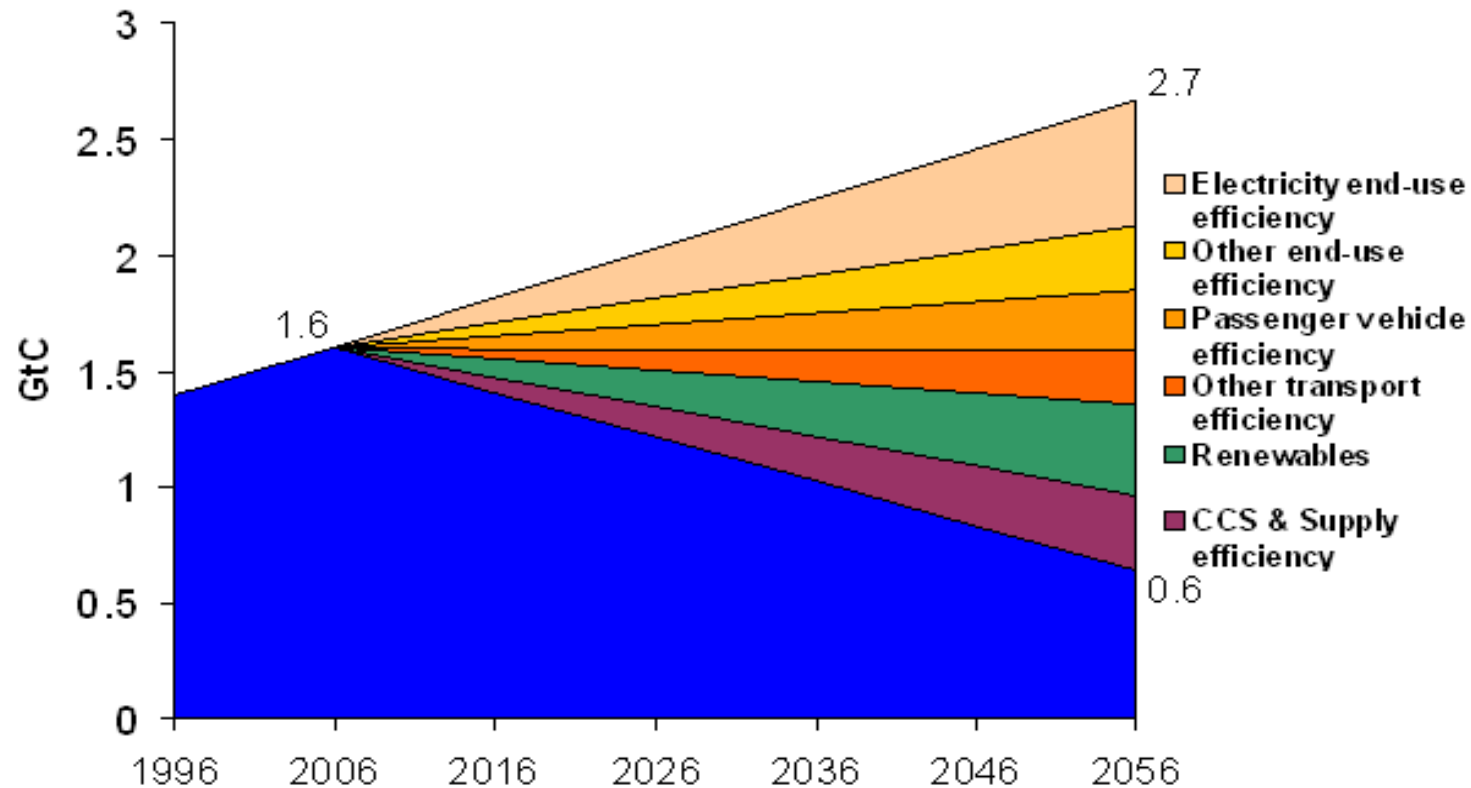
# Drawing inspiration from climate finance

Sokolow at Princeton described a "climate stabilisation wedge" - a graph indicating how the current climate trajectory can be stabilised by cumulative addition of various technologies



# The AMR **financing** wedge

Deaths  
attributed  
to AMR



\$X in ODA,

\$Y in blended  
finance,

\$Z in AMR bonds,

\$XX in private  
capital

\$YY in push  
initiatives

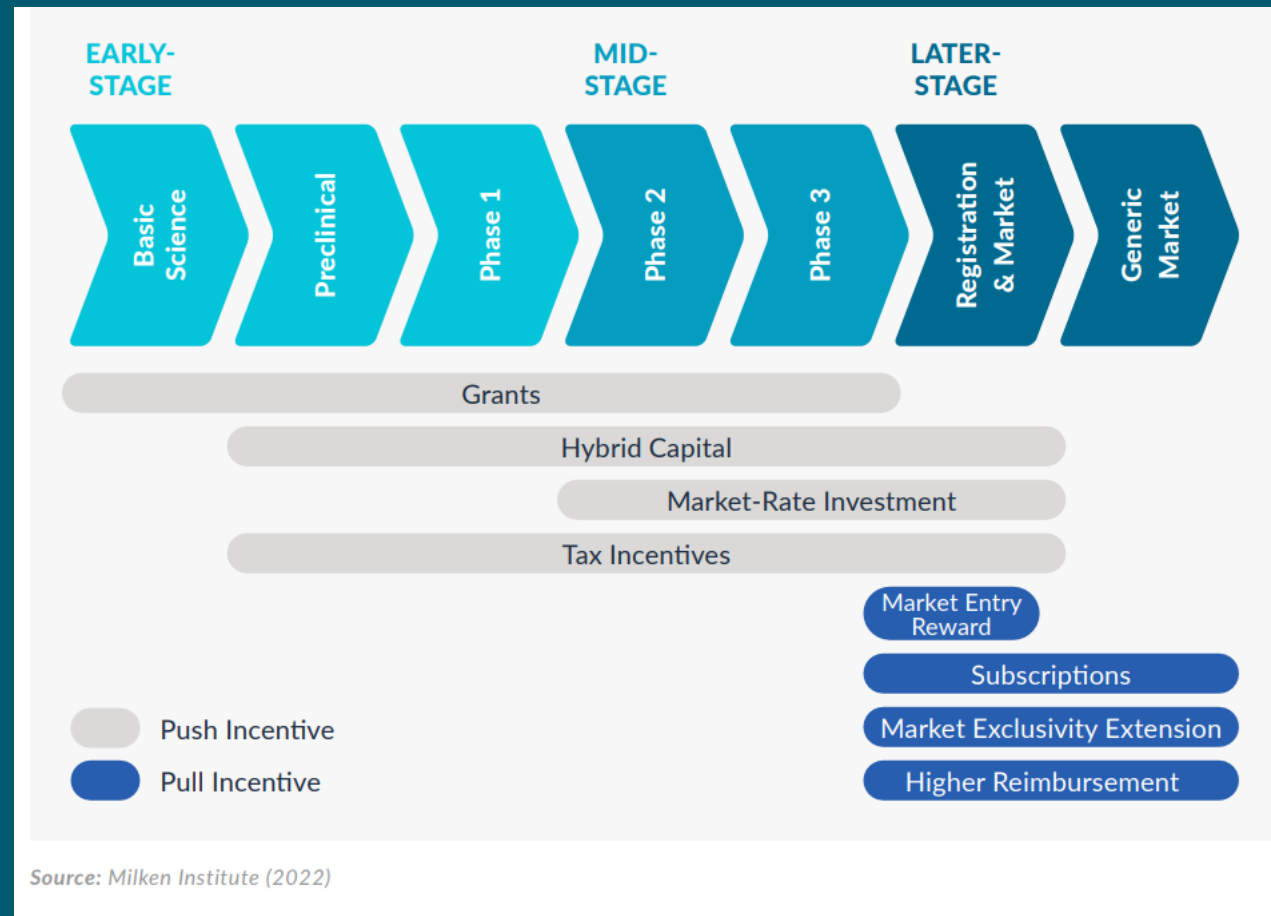
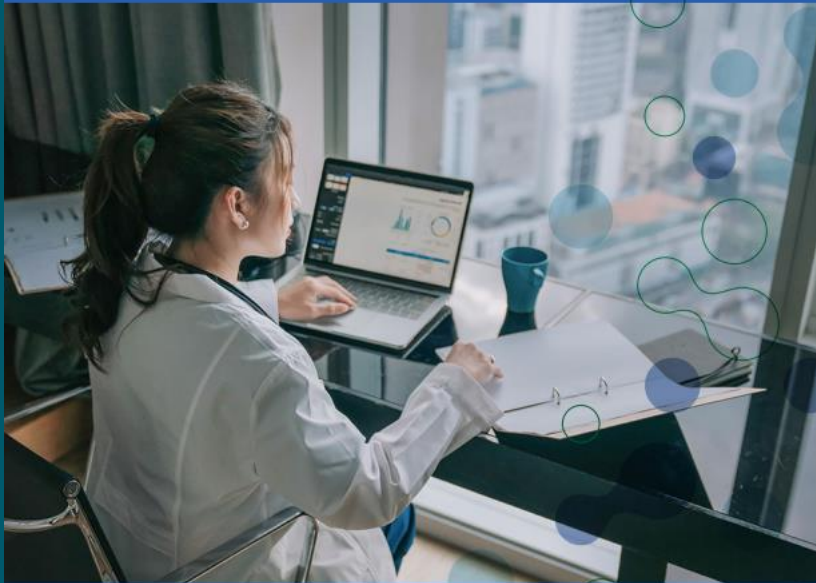
\$ZZ in pull  
initiatives

# Identifying the wedges



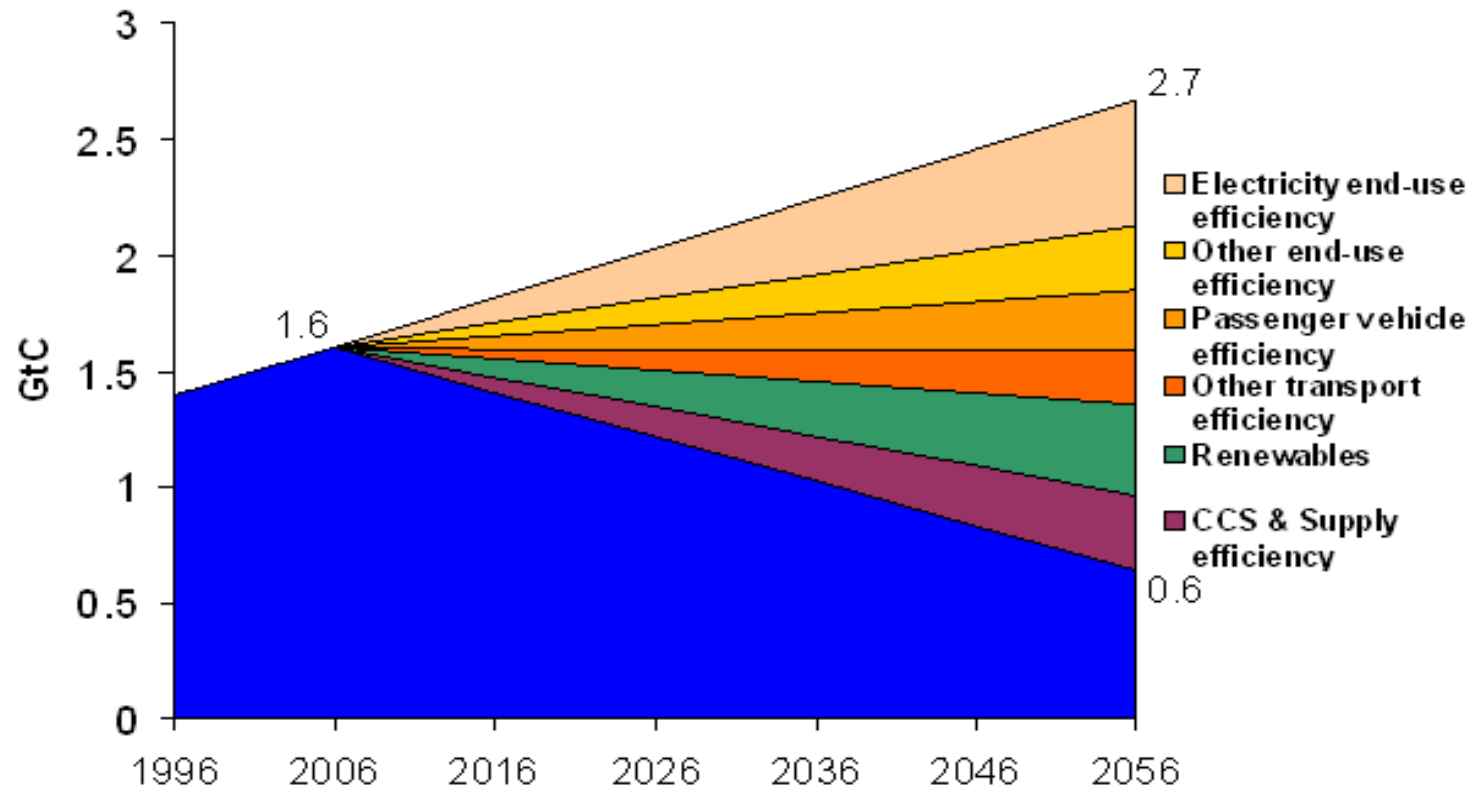
Financial Innovations Lab®

Models for Financing Antibiotic Development to Address Antimicrobial Resistance



# The AMR **impact** wedge

Deaths  
attributed  
to AMR



X% surveillance

%Y vaccinations

%Z regulation to  
phase out as  
growth  
promotion and  
prophylactic use

%XX biosecurity

%YY rapid  
diagnostics

%ZZ In silico R&D

## The intersection between antimicrobial resistance, climate change and biodiversity loss



1. An **international panel of scientists to address AMR**, modelled on the Intergovernmental Panel on Climate Change (IPCC).

2. A **ban on the use of antimicrobials in agricultural supply chains for prophylactic treatment and growth stimulation**, modelled on the Montreal Protocol.

3. Global leadership from the G7, G20 and G77. Under the UK G7 Presidency, finance ministers committed to **strengthen antimicrobial development through 'pull' incentive mechanisms for the developers of novel antimicrobials**; we seek further progress to ensure rewards are tilted towards societal value rather than product volume.

4. **Coherent national responses**, where governments embed antimicrobial stewardship (AMS) in health, economic, trade and financial decision-making processes and within regulatory and legislative architecture.

5. **Tighter standard setting and enforcement of water quality** related to wastewater from antibiotic use and the production of antibiotics in watercourses and public bathing areas.



# Thank you

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