



Implementation Research

**URGENTLY NEEDED TO FACE AMR ARISING
FROM THE NEGLECT OF THE ENVIRONMENT**

BRIDGING THE KNOW-DO GAP



- Practically-usable knowledge, evidence, data, information, experiences
- Efficient, high quality, large scale and sustainable implementation
- New, improved, existing tools, methods, practices, strategies, policies, regulations

EXAMPLES OF IR ON AMR & ENVIRONMENT

AMR HOTSPOT			
	What is known	What is not known	Potential Research
Healthcare environments	Infection prevention & control ✓ Disinfection ✓	How to manage overcrowding Role of new/improved regimes	*Triage *Hospital Waste Management *Role of new technologies “No touch” technologies, Probiotics, Self-disinfecting surfaces, Ultraviolet germicidal irradiation
Wastewater	Membrane technologies ✓	How to optimize and combine membrane technologies	*Application and cost-effectiveness of combining two or more wastewater treatment technologies

THE TIME IS NOW

- Magnitude, threat & inequalities are known
- Unprecedented scientific opportunities
- New ICT systems
- Political commitment
- Financial resources
- Potential area of focus for Development Assistance

LET US ACT – MOVE BEYOND THE RHETORIC

- Compose a multisectoral interest group
- Define an IR research agenda
- Invite letters of intent
- Development full proposals
- Raise funds
- Implement IR projects
- Community of practice to provide research support & mentorship