

Summit on Science and Technology Enablement for the Sustainable Development Goals



Session A: People in Crisis

Location: SE Conference Room

Co-Leads:

Tine De Marez, J&J

Ravi Gurumurthy, International Rescue
Committee

Stefan Swartling Peterson, UNICEF

Facilitator:

Anastasia Thatcher Marceau, Accenture

People in Crisis

Scope and Opportunity

- **Definition: persistent displacement or at risk of Refugees**

People in economic crisis

Impact of climate change & disasters -> human migration

Population at risk to be displaced

Most vulnerable: women and children

-> **Overall focus on health and education**

- **Key barriers to science and technology enablement for people in crisis**

- funding
- access/scale-up
- lack of coordination between different stakeholders
- Regulatory barriers

- **Key Opportunities to science and technology enablement for people in crisis**

- Telecommunication infrastructure and data coordination (incl social media)
- Secure identity to empower people
- Cash distribution
- Innovative funding mechanisms
- Access to actual resources (eLearning, training of health care workers, medicine/care)
- Establish research networks (e.g. clinical trials) in actual countries to influence policy
- Scale up (e.g. access to solutions)

People in Crisis

Scope and Opportunity

Disciplines/sectors to be engaged:

- Everybody!
 - Individual governments and citizens
 - Academia
 - Funders
 - Policy makers
 - Corporate sector
 - NGOs
 - Research networks IN countries
- Need for PLANNING and COORDINATION:
 - DATA: What is out there
 - IMPACT: What has worked
 - ACCESS and SCALE-UP

People in Crisis: Research and Data

Research and data needs

- Demographics critical so we know where to scale up to
- Can we create a decentralized system to establish identity
- Coordinating body to define health issues to focus research efforts
- How to scale up implementation:
 - definition of scale = eliminating a need
 - context assessment
 - cost efficiency
 - Key to success is a holistic approach (a solution rather than a pill)
 - Appropriate research methods when conducting rapid prototyping
- Advocacy/Policy: prioritization of research and thoughtful analysis of what has been successful
- Interface between research and policy
- Basic research in infectious diseases
- Dynamic data systems

People in Crisis

Implementation and Partnership

Critical areas for innovation

- Private, Public and Academic society must find a way to implement together
- Biometric identification (sensitive to issues related to privacy/security) to facilitate scale up
- Convert thought process from ROI (return on investment) to IOI (impact of investment)
- Innovation in health:
 - Prevention
 - Holistic approach (solution rather than a drug/device, based on data)

People in Crisis

Roadmap: Key Activities

- Private, Public and Academic society must come together to integrate data
- Changing incentives: prioritize based on Impact through innovation
- Collection of data for decision making and advocacy
- Focus on prevention in at risk populations
- Need for holistic and systemic solutions and within that “prioritize”
- Monitor unmet needs and technologies

People in Crisis

Roadmap: Key Success Metrics

- Scientific consensus on next generation diseases and technologies
- Increase in amount of Interdisciplinary products and holistic approaches
- IMPACT evaluations in crisis affected situations as a metric (# impact studies as a metric)
- “Evidence used” as a metric