Pandemic Preparedness and the role of youth and local communities in addressing future crises

27th June’23
Tech-enablement of entities for business continuity & crisis response

Relief materials through first responder nonprofits with the contribution of Employee Giving campaigns with a match from Microsoft

- 40K Migrants given dry rations - COVID 19
- 12K Relief Kits for PwDs in COVID 19
- 1.18 million meals served to 35K people in COVID regions
- 25+ nonprofits supported through give together

Strengthen skilling ecosystem of govt. bodies for online learning

- IIT Delhi & National Chemical Laboratory, Pune – ELISA based diagnostic serological assay
- Indian Council of Medical Research (ICMR) approved probe-free Real-Time PCR-based COVID-19 detection assay - Corosure

Innovations thru non-profits & developer communities

- Support govt. bodies in strengthening disaster management infrastructure through CSR grants (including re-purposing older grants)
- Mobile Testing bus with capacity of 36,000 tests in Pune Municipal Corporation
- GSI linkage with skilling organizations to enable 7.3 Mn Youth gain digital skills for jobs in the digital economy
- 1.5 Mn Learners empowered working with non-profits, institutions, corporates & govt. agencies

Help build resilience, preparedness for at-risk communities and support livelihoods for most affected

- GSI linkage with skilling organizations to enable 7.3 Mn Youth gain digital skills for jobs in the digital economy
- 1.5 Mn Learners empowered working with non-profits, institutions, corporates & govt. agencies

Strengthen efforts on research & innovation projects of the Principal Scientific Advisor to overcome disasters

- IIT Delhi & National Chemical Laboratory, Pune – ELISA based diagnostic serological assay
- Indian Council of Medical Research (ICMR) approved probe-free Real-Time PCR-based COVID-19 detection assay - Corosure

Support: MS Teams + O365 + Kaizala Free for Non-profits

Technical webinars for 500+ NGOs

Integration of skilling modules in govt. websites

Community hackathons with Garage

Ongoing Support: Tech-enablement of entities for business continuity & crisis response

01 Tech enablement of frontline responder non-profits

02 Strengthen skilling ecosystem of govt. bodies for online learning

03 Innovations thru non-profits & developer communities
Project SOLIDAIRE: Covid Response Second Wave in India

**PRIORITIES**
- Strengthen the **Healthcare ecosystem** and augment existing capacities of medical institutions and personnel
- Leverage **technology capabilities** to develop innovative sustainable solutions for covid response action at scale
- Partner with **NGOs, medical institutions and Microsoft teams** globally to protect communities
- Invest our resources in **scalable solutions** to maximize impact across regions

**INITIATIVES & IMPACT**
- Scale capacities of hospitals, primary health and covid care units with **essential medical equipment**
- Setup oxygen generation plants and supply **oxygen concentrators** in worst affected districts
- Train **Frontline Health Workers** on covid protocols and provide protective kits
- Enable **emergency food security** for vulnerable communities in rural areas and urban slums
- Tech4Good: **AI HealthCare Chat Bot** for remote monitoring and covid protocol trainings
- Accelerate the pace of **Vaccination for the underserved**


**STATES:** Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi-NCR, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Maharashtra, Madhya Pradesh, Rajasthan, Sikkim, Tamil Nadu, Tripura, Telangana, Uttar Pradesh, and West Bengal.
Microsoft India: Sustainable Engagements

Digital Health for Nurses

Microsoft and LinkedIn engage 7.3 million learners in India through Skills for Jobs program, to help 10 million people learn digital skills.

Mission Sanjeevani

- Strengthening the healthcare ecosystem through supply of medical equipment to hospitals at state/district/PHC level.
- Strengthening the capacity of the healthcare providers through distribution of PPE Kits for doctors, nurses and ASHA kits for ASHA workers.
- Distribution of dry food ration and safety and hygiene kits among the worst affected families.
- Reduction of Public Health hazards during COVID-19 through various interventions around Water Sanitation & Hygiene (WASH).
- Provision of Unconditional Cash Transfer for most vulnerable and worst affected families.

Tech for Social Impact

COVID-19 Partner Solutions Guide for Nonprofits

AI for Humanitarian Action

AI for Humanitarian Action supports disaster response, refugees, displaced people, human rights, and the needs of women and children.

Microsoft Disaster Response
Microsoft Disaster Response: Portfolio & Structure

- Bing and Bing Ads
- Cash Grants (Corp and Local)
- Disaster Response Teams (MSDR)
- Employee Giving
- Executive Messaging
- External Corporate Communications
- Hardware Donation

DISASTER

Enterprise Crisis Management Program (ECMP)
Microsoft and customers

Philanthropies Disaster Response Program
Humanitarian organizations

Microsoft Disaster Response (MSDR)
External organizations

Microsoft Global Crises Support (MGCS)
Microsoft employees
AI for Resilient Cities: Hyper-local risk information for disaster resilience

Developed under Microsoft’s ‘Al for Humanitarian Action’ program

01 HAZARD:
Developing a Risk Scoring Matrix
Floods | Cyclones | Heatwaves | Earthquakes

02 EXPOSURE:
Assessing Geographic parameters
Proximity to the river | Porosity of surfaces | built-up density | Vegetation | Slope | Soil type

03 VULNERABILITY:
Building detection & Roof Type Classification
RCC | Tarpaulin | Tiles | Thatch | GI sheet

04 RISK:
Hyper-local Risk Scoring
Risk Scoring from 1 to 5 at building cluster level
30m Risk tiles
Improving access to critical medical records at scale

Collecting public health records from millions of people requires processing handwritten paper records at scale. During a health crisis, quick access to written records is critical. India Institute of Technology, Delhi and Gram Vaani partnered to create an AI-powered system to quickly recognize handwritten characters to efficiently access crucial patient contact information and health histories.

Aerial mapping for humanitarian response

Humanitarian OpenStreetMap Team (HOT) partnered with Microsoft and Bing to improve the mapping of areas vulnerable to natural disaster and poverty. By working with communities to document at-risk areas, HOT enables relief programs to respond more quickly and effectively after disasters.

Let’s Work Together
Advancing a future for everyone demands collective action