

GLOBAL CHALLENGES NEED STRONG PARTNERSHIPS

Natural and manmade disasters threaten the livelihood of 1.5 billion people worldwide - children are disproportionately affected. Weather-related events force 21.5 million people to leave their homes each year. The consequences of climate change mostly affect regions where institutions are weak and resources are limited. Therefore, close cooperation among global actors is essential for effective action.

With the support of Allianz, the Emergency Preparedness Program of SOS Children's Villages aims to combine cutting-edge technology, user-friendly information and an existing network of trusted local stakeholders to minimize weather- and conflict-related risks for local communities.

Since 2015, Allianz has been sponsoring pioneering projects to protect and empower future generations. Allianz's interest in sustainable solutions and proactive risk minimization lies in its nature as an insurer and is shared by Allianz entities worldwide.

...CROSS-SECTOR PARTNERS JOIN FORCES TO ENHANCE EMERGENCY PREPAREDNESS



Andreas Papp
International Director
Emergency Response
SOS Children's Villages International

"Innovative technologies can play an important role for NGOs, when they are combined with the knowledge of local experts. We rely on the support of researchers and companies to utilize state-of-the-art technology in our villages and local communities."

Katharina Latif
Head of Corporate
Responsibility, Allianz SE

"As an insurer and long-term investor, we are proud to contribute our expertise and resources to build safer and more resilient communities."

"As an academic institution, we strive for societal benefit. The program is an ideal ground to benchmark innovations in risk management and it paves the way to novel approaches in the field of humanitarian emergency response."

Stefan Lang
Assoc. Professor, Department of Geo-Informatics,
University of Salzburg

TOGETHER WE MAKE A DIFFERENCE

Over 10,000 Allianz employees from 55 countries ran for a good cause at the 2017 Allianz World Run. Together, Allianz raised 500,000 EUR for emergency preparedness packages for 10 SOS Children's Villages in high risk areas across the world. The program will benefit more than 1,100 children in the villages as well as their surrounding communities.



The SOS Children's Village in Quito, Ecuador is one of the beneficiaries. The city lies amid the breathtaking landscape of the Northern Andes, an earthquake-prone region. The active volcano Cotopaxi lies a few miles away. Thousands of people would be directly affected if an eruption were to occur.

With the help of Allianz, the village was equipped with emergency packages and trainings, tailored to the specific needs of a potential eruption, including items like breathing masks and clean water. The village is now also equipped with an early warning system and has an evacuation strategy in place.



Discover our journey to Quito, Ecuador:

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RESILIENT FUTURE GENERATIONS

Addressing Local Risks through
the Emergency Response
Partnership



RESOURCES WE USE IN CASE OF DISASTER

Be better prepared

As natural and manmade risks are dynamic, proactive risk management is a challenge.

CHALLENGE



OUR RESPONSE

- Analyze risk exposure of each SOS Children's Village using satellite technology and on-site assessments.
- Develop and use an early warning system, including emergency communication tools
- Build up local coping capacities and training of staff



RISK AND VULNERABILITY ASSESSMENT (RIVA)

The risk and vulnerability assessment aims to evaluate and strengthen disaster preparedness and response capacities of local communities. In-depth assessments of the most likely natural and manmade threats help to develop targeted trainings, to close communication gaps and to pre-position vital resources. Data on global risks, satellite data and local assessments are combined. RIVA facilitates the transition of early warnings into early action, and by doing so, increases overall resilience.

EMERGENCY PREPAREDNESS PACKAGES

Based on in-depth assessments, SOS Children's Villages are able to collect vital information to support potential emergency response activations and design tailored emergency preparedness packages. These packages focus on most urgent needs after a disaster - for instance, food, emergency water treatment, medical equipment and power supply.

Act more efficiently

During an emergency, chaotic circumstances make it difficult to coordinate aid.

CHALLENGE



OUR RESPONSE

- Enable quick action of local stakeholders by providing real-time information of the status on the ground (damages, evacuation route blockages etc.)
- Sharing of essential data among other (non-) governmental organizations
- Use of pre-positioned emergency supply, stored at each SOS Children's Village



EMERGENCY MAPPING SERVICE (EMMA)

The emergency mapping service is ideally activated based on early warning information, such as tropical cyclones approaching an SOS Children's Village. Different space-based sensors are used to map the impact of the disaster. It can, for instance, estimate the number of damaged buildings or assess the extent of floods. In this way, the "eye in the sky" can directly support the decision-making of staff and partner organizations on the ground. EMMA relies heavily on the reference information collected via RIVA.

Enable recovery

Basic supplies and psychological support need to be provided immediately after the disaster, and beyond.

CHALLENGE



OUR RESPONSE

- Assure necessary supplies like basic food and medicine through pre-positioned emergency preparedness packages.
- Stabilize children in the SOS Children's Villages and community with psychological support and offer long-term projects
- Increase disaster resilience, e.g. by the revision of evacuation plans



RESILIENCE360 (R360)

The online platform allows SOS Children's Villages to send critical information about all kinds of disasters to local staff in near real-time. Local staff can manually add information about critical incidents that R360 might miss. The disaster managers responsible are automatically alerted via email or SMS. Ultimately, R360 is the central hub for RIVA and EMMA, facilitating access to risk assessments, local reports and emergency mapping products.

HUMAN CARE

One of the most vital resources of the emergency preparedness program is psychological support that local staff provides to the victims of a natural disaster. Children in the SOS Children's Villages are under constant care of their SOS mothers. Family strengthening programs provide support to the local communities. In the aftermath of a disaster, SOS Children's Villages serve as emergency hubs and child-friendly spaces for trauma relief.

