

Massive Earthquake Strikes Tukastan



Thousands of people are feared to have lost their lives and thousands more were injured in a 7.6-magnitude earthquake that hit Balkan in northern Tukastan on 14 November.

The 7.6 magnitude earthquake struck Tukastan on Monday at 17:01 local time, causing large scale displacements, devastation to infrastructure, agriculture and the local economy. The full extent of the damage is still unknown.

Tremors were felt across the region and aftershocks continued to shake through the country hours later.

Many buildings collapsed and streets were destroyed in the capital of Tukastan,

Claustan, where some international agencies and Non-Governmental Organizations are present.

The government has declared a state of emergency in the affected areas and has officially requested international assistance. **“We need support from international agencies which are experienced and equipped with necessary tools to handle an emergency of this scale,”** a representative of the Ministry of Interior Affairs told the

Tukastan Times.

The President’s office posted a statement on its website calling on the international community to “mobilise all efforts to help the affected populations,” the AFP news agency reports.

Villages have been destroyed, and thousands are spending the night in emergency shelters or in the open. An estimated 60 villages sustained more than 50 percent damage. The death toll is expected to be in the thousands.

“The quake has created huge panic among the people,” one resident told the Tukastan Times. **“Everyone has rushed to the streets and the sirens of ambulances are everywhere.”**



Earthquake in Balkan, Tukastan

SIMULATION ONLY



EVENT INFO



7.6

Magnitude

Place: 25 km SE of Jandyr

Time: 14 November, 17:01 GMT

Depth: 21.87 km

Coord.: 103° 12' N, 191° 09' E

PEOPLE LIVING IN THE AREA

15 km
Within from epicenter

30 km
Within from epicenter

50 km
Within from epicenter

62,453

189,285

631,743

SOCIO-ECONOMIC INDICATORS



38%

BELOW POVERTY LINE

IN THE REGION



WEATHER FORECAST

Current Conditions:

13°C

Cloud cover: 92%
Humidity: 97%
Wind: 1.06 m/s

Thu 13 8

Fri 13 5

Sat 13 5

Sun 17 2

Mon 16 2

Tue 18 1

Wed 17 8



WORLD FOOD PROGRAMME PRESENCE

OFFICES IN THE AFFECTED COUNTRY

Country Offices: 1

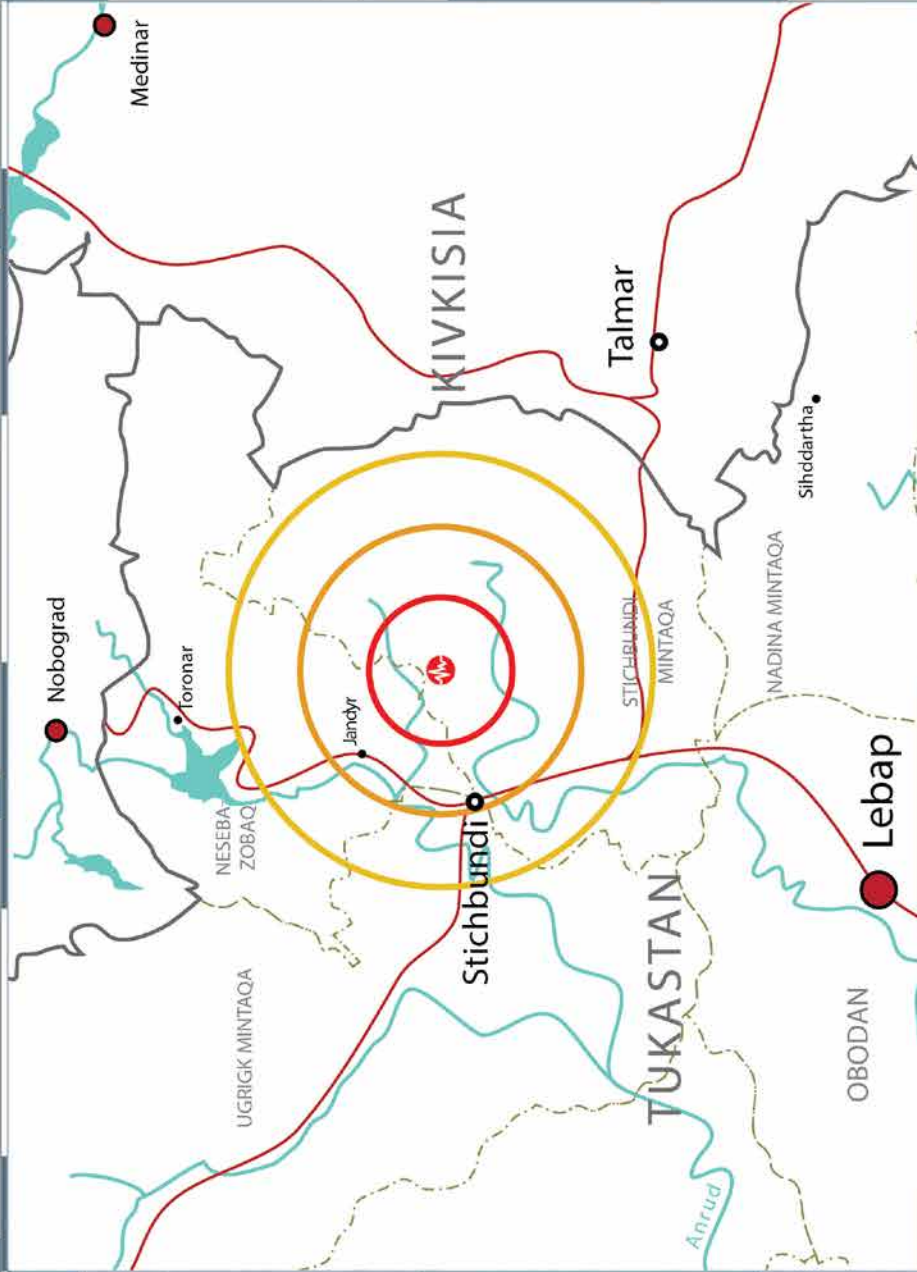
CLOSEST FACILITY

Claustan, Country Office, TUK
(152 km from epicenter)

Automatically generated alert powered by:

ADAM - Automated Disaster Analysis and Mapping

14 November 2016 | 17:26:28 GMT



Please report errors to hw.gis@wfp.org. Event ID: us1000725y. Map projection: WGS 84 / UTM zone 33N (EPSG: 32633). Sources: USGS, Landscan, GAUL, OpenWeatherMap, WFP, NASA, JAI ESRRI. The designations employed and the presentation of material in this map do not imply the expression of any opinion whatsoever of WFP concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers.



PREPAREDNESS

Maintain a 24 hr monitoring of risk by the staff in country, regional office and Operations Centre (OPSCEN)

- Invest in data, analysis, early warning and risk management*
 - Experts and partners on stand-by
- Reinforce national and local capacities and systems, including ensuring accountability to affected people*
- Draft a Concept of Operations (CONOPs) and run a simulation for the potential scenario of the emergency/crisis.
- Prepositions items in the potentially affected locations, including supply chain processes in markets
- Diversify the resource base and increase cost-efficiency*

01



00-48 HOURS

Government of affected country asks for help

- Gather, analyze and disseminate information; OPSCEN coordinates information flow
- Coordinate with humanitarian partners and national disaster management organizations
- Locate most rapidly available food stocks
- Deploy experts (including logistics, telecommunications, nutrition, etc.)
- Provide logistics and air services

02

HOW WFP PREPARES AND RESPONDS TO EMERGENCIES

Global field and HQ response capability



48-72 HOURS

Conduct initial rapid needs assessments

- Define plan for initial response
- OPSCEN disseminates data and maps for a common operational picture of the situation
- Distribute initial emergency food assistance
- Set up monitoring and evaluation systems

03

04



FIRST WEEK

Design comprehensive emergency operation

- Make available needed assistance for relief operation, including ready to use nutritious foods for young people
- Launch international appeal for funds
 - Set up transport and communication channels

05



THIRD MONTH

Extend emergency operation or move to recovery operation

- Assess best way to meet urgent needs and increase resilience: food, cash or vouchers (or a combination)*
- Ensure the specific needs and rights of marginalized groups are systematically met in the response*
- Set up regular distributions in affected areas



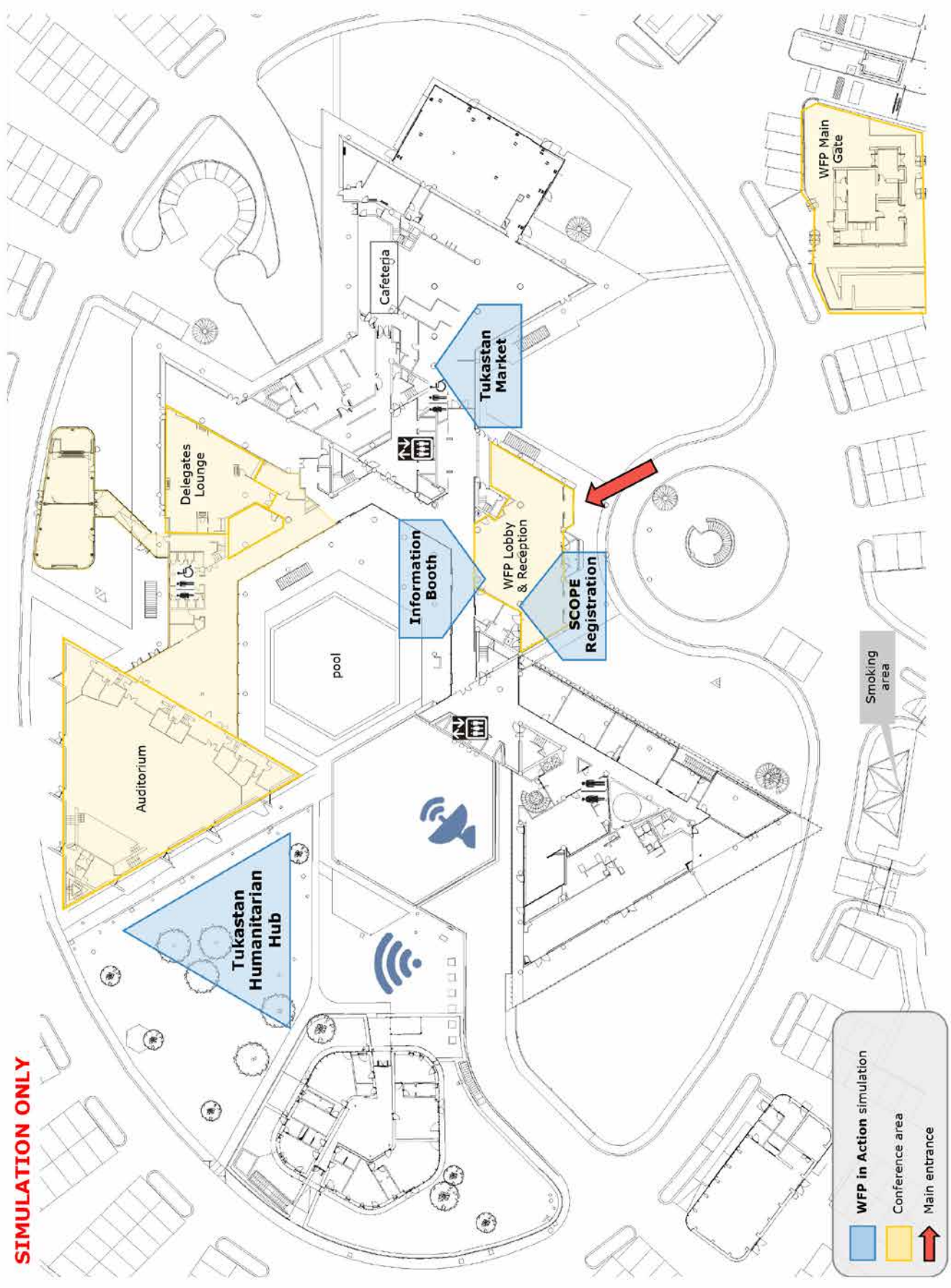
Contact: www.wfp.org
 *These actions are aligned with the commitments made at the World Humanitarian Summit (Istanbul, 23-24 May 2016)

ADAM is performing a 24/7 research of disaster-related data on a global scale, to reduce the time between the occurrence of an event and the time when the field-level response starts.
 For more info go to www.wfp.org/stories/adam

Timeline of Events

DATE	TIME	EVENT	LOCATION	
Monday 14 November	17:01	Earthquake strikes Tukastan	Tukastan	
	Emergency Strikes	18:50	Announcement: WFP in Action simulation begins	WFP Auditorium
Tuesday 15 November	08:30 – 19:30	Action: Visit the Tukastan Humanitarian Hub to observe progress towards <i>Setting up the Infrastructure</i>	Tukastan Humanitarian Hub	
	Setting up the Infrastructure	13:30	Brief: Emergency Telecommunications Cluster, the Link to Survival	Tukastan Humanitarian Hub
		14:00	Brief: UAV Coordination Model	Tukastan Humanitarian Hub
Wednesday 16 November	08:30 – 17:00	Action: Redeem SCOPECARD for commodities	Tukastan Market	
	08:30 – 19:30	Action: Visit the Tukastan Humanitarian Hub to observe progress towards <i>Understanding Needs</i>	Tukastan Humanitarian Hub	
	Understanding Needs	13:15	Brief: ADAM, Automated Disaster Analysis and Mapping System	Tukastan Humanitarian Hub
		13:30	Brief: Field Security	Tukastan Humanitarian Hub
		13:45	Brief: Accommodation service	Tukastan Humanitarian Hub
		14:00	Brief: VAM, Vulnerability Assessment Mapping	Tukastan Humanitarian Hub
		14:15	Brief: Supply Chain	Tukastan Humanitarian Hub
		14:30	Brief: LESS, Logistics Executive Support System	Tukastan Humanitarian Hub
		14:45	Brief: SCOPE, WFP's beneficiary and transfer management platform	Tukastan Humanitarian Hub
	Thursday 17 November	08:30 – 17:00	Action: Redeem SCOPECARD for commodities	Tukastan Market
08:30 – 19:00		Action: Visit the Tukastan Humanitarian Hub to observe progress towards <i>Delivering Life-Saving Assistance</i>	Tukastan Humanitarian Hub	
Delivering Life-Saving Assistance		13:15	Brief: ADAM, Automated Disaster Analysis and Mapping System	Tukastan Humanitarian Hub
		13:30	Brief: Field Security	Tukastan Humanitarian Hub
		13:45	Brief: Accommodation service	Tukastan Humanitarian Hub
		14:00	Brief: VAM, Vulnerability Assessment Mapping	Tukastan Humanitarian Hub
		14:15	Brief: Supply Chain	Tukastan Humanitarian Hub
		14:30	Brief: LESS, Logistics Executive Support System	Tukastan Humanitarian Hub
		14:45	Brief: SCOPE, WFP's beneficiary and transfer management platform	Tukastan Humanitarian Hub

SIMULATION ONLY



WFP in Action simulation

Conference area

Main entrance

WFP in Action: Solutions and Services

ADAM, Automated Disaster Analysis and Mapping System

Efficient management and rapid analysis of geospatial data is crucial for humanitarian agencies performing field operations on a global scale. Developed by WFP, the Automated Disaster Analysis and Mapping system (ADAM) collects, analyses and maps geospatial and socio-economic data related to natural hazard events. Performing data collection and analysis automatically 24 hours a day, seven days a week, ADAM reduces the time between the onset of a disaster and when the humanitarian response starts.

ADAM is immediately activated following the occurrence of an earthquake, creating a dashboard with a map indicating the magnitude, location and depth of the earthquake; the estimated number of people living in the affected area; main infrastructures and WFP's presence, and calculates the distance to the closest WFP facility. ADAM represents an innovative near-real time disaster analysis tool for the humanitarian community.

Emergency Telecommunications Cluster (ETC), *the Link to Survival*

In humanitarian emergencies, communications is the link to survival. Under the global leadership of WFP, the Emergency Telecommunications Cluster (ETC) is a global network of organizations that work together to provide shared communications services in humanitarian emergencies. Within 48 hours of a disaster, the ETC provides vital security communications and internet connectivity services to assist the response community in their life-saving operations.

Through its ETC2020 strategy, the cluster is evolving from being primarily a service provider, to broker, facilitator and convenor of technology in emergency response. By 2020, the ETC seeks to ensure that all those responding to humanitarian emergencies –

including affected communities – have access to vital communications services and digital aid.

UAV Coordination

Unmanned Aerial Vehicles (UAVs), offer a multitude of innovative technology capabilities, resulting in a wealth of possibilities. As the application of UAVs is still new and largely undefined within the humanitarian space, WFP is establishing a coordination mechanism that supports better use of this technology, promoting safe and effective usage in a wide range of operational environments.

Immediate UAV assessments allow for a diverse portfolio of rapid strategic planning applications that can be effectively used in humanitarian response around the globe. In order to fully utilize UAVs in emergency preparedness and response, the humanitarian community needs to ensure all actors are combining and coordinating efforts. Use of UAVs needs to serve local communities without putting them at risk while at the same time respecting governing rules and regulations of the disaster affected country.

Field Security, *Safety and Security to Access and Assist*

WFP Field Security ensures the safety and security of WFP personnel who access and assist people in need. With humanitarian operations in increasingly volatile and high risk security environments, WFP Field Security's formal risk management process ensures mitigation measures are adequate and appropriate for the numerous, and increasing security risks faced by personnel in the field.

Comprising four units - Field Security Analysis, Field Security Operations, Security Training and Learning Development and Premises and Blast Assessment - WFP Field Security facilitates the life-saving operations of WFP.

Administration: Camp Management & Accommodation Booking

Within days of a disaster, WFP can establish camp sites to provide accommodation and working spaces for WFP personnel as well as the wider humanitarian response community. WFP Accommodation is currently managing a network of more than 70 camps and guesthouses in 18 countries across the globe.

The Accommodation Booking Service is the single entry point where UN Agencies, NGOs and interested stakeholders can book accommodation and access important information about WFP guesthouses and camps accompanied by pictures, prices and services provided.

Camps and guesthouses are managed by WFP Administration, alongside light vehicle and driver management, equipment setup and catering services.

VAM, Vulnerability Assessment Mapping

One of the biggest challenges facing humanitarians in the immediate aftermath of sudden-onset emergencies is the lack of accurate information on impact: how many people need assistance, and where. In extremely challenging contexts, WFP Vulnerability Assessment Mapping (VAM) can present a sufficient snapshot of the impact of the disaster to fill this initial information void.

The “72 hours’ assessment approach” seeks to provide as-accurate-as-possible information to decision-makers in WFP, other humanitarian agencies and governments enabling them to take immediate and informed decisions. The approach offers a solid foundation for further continuous updates over the following weeks, as further information is gathered on the ground through field assessments.

VAM is increasingly using innovative ways of collecting information in different operational environments such as satellite imagery, aerial photography and mobile-phone technology.

LESS, Logistics Executive Support System

The Logistics Executive Support System (LESS) is an online application that brings together supply chain management, inventory accounting and real-time tracking of WFP’s entire food supply chain. Whether on the high seas, in port, on the road or in the most remote warehouse, LESS can tell us where our commodities are and their availability, down to the batch number, ensuring full visibility of WFP food commodities as they move along the supply chain, from point of receipt up to the final delivery for distribution.

For the first time, supply chain information is now accessible to the entire organization in real-time and online through the same platform as WFP’s corporate system (WINGS2). Mapping of the whole supply chain, logistics network and processes allows for the evaluation of the efficiency of warehouse set up, capacity, operations and cost.

The LESS application helps WFP to be effective, cost-efficient, transparent and accountable, with improved planning and monitoring along the supply chain, ensuring that the right food is available to the right people at the right time.

Shared Logistics Services: Aviation, Logistics Cluster, UN Humanitarian Response Depot

WFP supports a variety of humanitarian actors in their delivery of aid through providing reliable and well-established logistics services.

WFP Aviation organizes airlifts that deploy life-saving assistance by plane within 48 hours. WFP is also responsible for implementing humanitarian passenger services where commercial options are insufficient; the UN Humanitarian Air Service (UNHAS) currently has a fleet of more than 70 chartered aircraft, flying aid workers to the most remote and isolated communities.

As lead agency for the Logistics Cluster, WFP deploys dedicated and experienced logistics staff to emergencies to coordinate with humanitarian actors, collect and share information on logistic constraints and capacities, and facilitate common access to logistics assets (for storage and transport) provided both through WFP and our humanitarian and government partners.

WFP manages the United Nations Humanitarian Response Depot (UNHRD), a network of six strategically located facilities that procure, store and transport aid on behalf of the humanitarian community. From Europe, Africa, the Middle East, Southeast Asia, and Latin America UNHRD can dispatch relief items to disaster-affected areas worldwide within 24 to 48 hours.

SCOPE, WFP's beneficiary and transfer management platform

SCOPE is a flexible and powerful solution that helps WFP to know better the people it serves, so they can be assisted in a more personalised way. SCOPE is used to manage operational information about beneficiaries, entitlements and transfers, enabling better decision-making and targeting. It supports cash, in-kind or commodity voucher modality, and can be scaled and adjusted for all types of interventions and context. SCOPE allows registration of beneficiaries with biometrics like fingerprints or iris-scan, enhancing assurance that the right assistance arrives to the right person.

In emergencies, WFP uses SCOPE to rapidly register those in need, activate accounts and, where needed, instantly issue cards to each household, thereby giving them the chance to immediately gain access to assistance. All of this in the same day.

Additional information
on all participating divisions
can be found here



Acknowledgements

The WFP in Action simulation is being coordinated by the IT Emergency Preparedness and Response Branch, in close collaboration with SCOPE, VAM, Emergency Preparedness & Support Response, Communications, Field Security, Administration and Supply Chain, and with the support of the Government of Luxembourg and Ericsson Response.



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