

PLAN OF ACTION UNITED NATIONS SYSTEM CUBA

DISASTER RESPONSE
Hurricanes Oscar & Rafael, Earthquakes
NOVEMBER 2024



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Action Plan United Nations System in Cuba

This Action Plan is an expanded version of the Action Plan in response to Hurricane Oscar (October 20), now incorporating both Hurricane Rafael (November 6) and the earthquakes (November 10) and seeks **\$78.3** million to support nearly **930K** people with their most urgent needs and recovery activities.



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Situation overview

In the span of just 20 days, two hurricanes and two earthquakes hit Cuban territory, within the context of an energy emergency that disconnected the national electric system on 18 October, two days before the impact of the first hurricane.

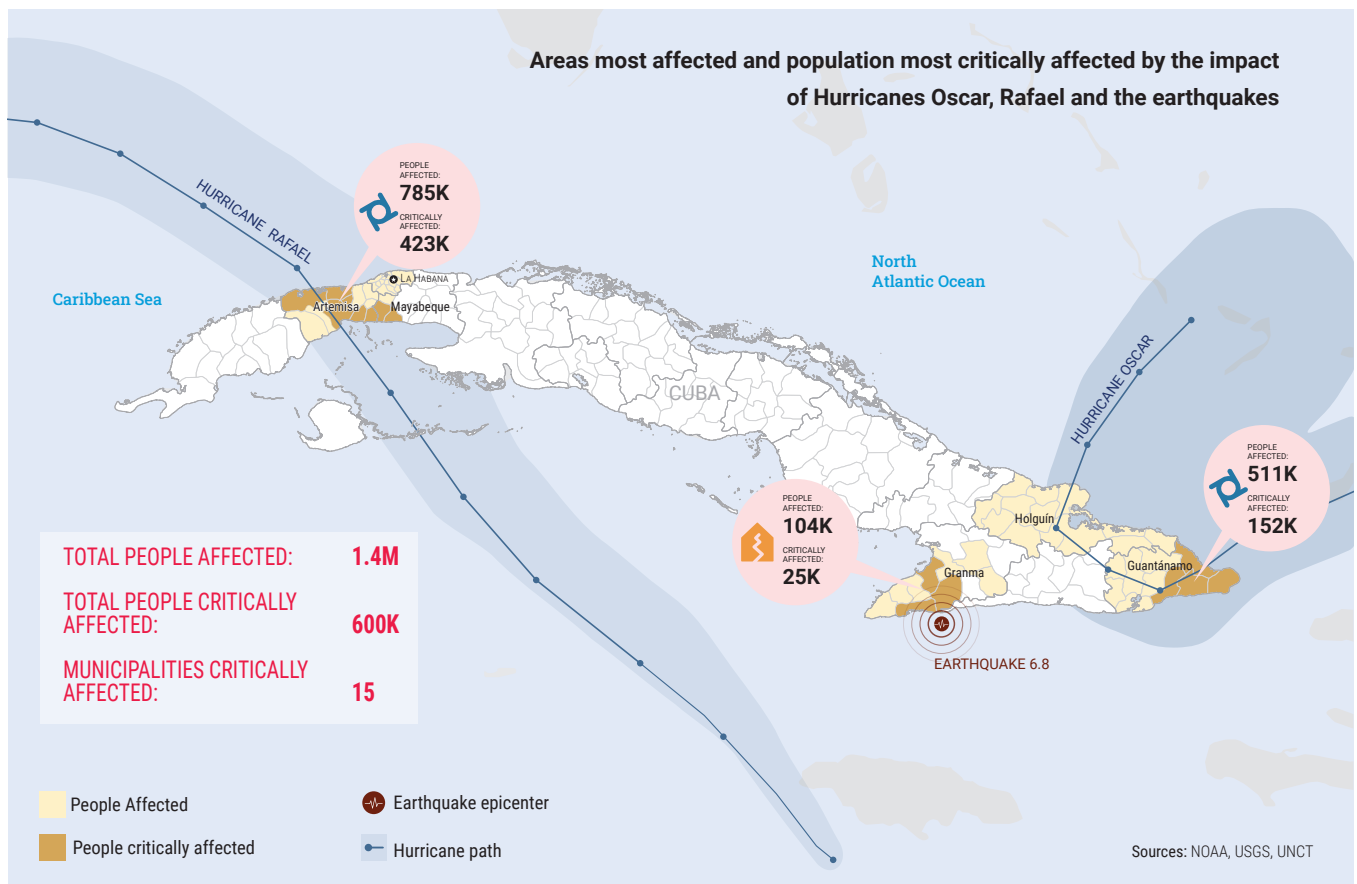
On 20 October, Hurricane Oscar made landfall as a Category 1 in the eastern part of Cuba, Guantánamo province. The system generated winds of more than 130 km/h, with significant rainfall accumulations, causing severe flooding in territories that usually face the challenges of drought. Its devastating path through the eastern region affected nearly half a million people, of which about 150,000 suffered critical damage. Eight people were reported dead.

A few days later, on 6 November, Hurricane Rafael made landfall on Artemisa, already a Category 3 hurricane. A population of 3.5 million in four provinces in the west of the country was exposed to very strong gusts and heavy rains. Approximately 800,000 people have suffered the

damages caused by this powerful hurricane in the most exposed territories of Artemisa, Mayabeque, Havana and Isla de la Juventud.

Added to this, two strong earthquakes – one of 6 degrees and another of 6.7 on the Richter scale, with multiple aftershocks– impacted eastern Cuba on 10 November, in particular the provinces of Granma and Santiago de Cuba, causing damage to homes and key infrastructure.

In less than a month, the country has been hit by three disasters of diverse nature which impacted different regions of the Cuban archipelago, with significant negative effects in key sectors for the well-being of the population, their livelihoods and socio-economic development, reaching seven provinces and 17 municipalities of the country.



Most urgent needs

Hundreds of thousands of people have lost their belongings and basic necessities, including food, cooking equipment, water storage containers, hygiene products, mattresses, and household appliances as a result of the three disasters that have hit Cuba in the last three weeks. So far, preliminary assessments indicate that more than 46,000 homes have suffered significant damage, in addition to service facilities. It is estimated that this number could continue to increase as the quantification of damage in the territories progresses. Damage to vital community services facilities such as health institutions, food distribution centers, water supply, sanitation services, warehouses, pharmacies and schools are also identified. Agriculture and food processing facilities have been severely damaged, making access to food and people's livelihoods more difficult.

Preliminary damage is recorded in more than 200 public health facilities in 17 municipalities in 7 of the 15 provinces of the country, including 28 general hospitals, polyclinics, family doctor's offices and pharmacies with impacts on essential medical equipment and maternal and child program services, among others. The present situation significantly increases the risk of disease outbreaks, in particular arboviruses. Guantánamo, impacted by Hurricane Oscar, had been identified by health authorities as one of the territories with the highest levels of vector infestation, in a national context of high prevalence of dengue and Oropouche fever. The impact on water services has affected more than 750,000 people in the provinces of Artemisa and Havana.

In more than 40% of the educational centers in the most affected municipalities, total and partial damage has been identified, including impact on school furniture and loss of school materials (books, notebooks, school supplies and others) and, in particular, many damages to roofs, which jeopardize the resumption of teaching activities.

More than 37,000 hectares of land dedicated to agricultural production were affected, with heavy losses of food crops. In addition, the storage, cooking and food preservation capacities of households and institutions, including those that support social safety nets, have been affected. In Guantánamo, half of the salt production in the municipality of San Antonio del Sur and almost all coffee crops in the affected territories, both fundamental livelihoods of the inhabitants of the area were destroyed, which could add challenges in terms of employment and economic support for the families. Artemisa and Mayabeque, territories that supply food to 2 million people in the capital, have been devastated with critical damage to basic crops such as bananas, cassava and sweet potatoes and to poultry farms and food stores.

The damage to the national electro-energy system has directly affected the water supply, in addition to a severe impact on water infrastructure and the loss of tanks and water collection and distribution systems in homes and institutions. Breaks in hydraulic systems and roads cause serious limitations to access to safe water and sanitation in these territories, vital services for survival and prevention of outbreaks of diseases of water-sanitary and vector origin. In addition, families have lost their personal hygiene supplies, limiting the ability to prevent diseases.

The impact of these consecutive emergencies comes at a time when the country is facing a very complex energy situation due to the deterioration of its electricity infrastructure and fuel shortages, in a context of unilateral external sanctions. At the time of the impact of Hurricane Oscar, authorities were working to restore their national electrical power system, the disconnection of which had caused disruptions to basic services, including access to drinking water, sanitation and food preservation, and Hurricane Rafael caused a new disconnection of the National System that made the emergency response more complex.

National efforts have been immediate to rescue and care for those affected. However, the damage is devastating. Accompanying national authorities in efforts to protect vulnerable groups and restore essential services that continue in difficult and/or suspended conditions is urgently required.

Due to unilateral external sanctions, Cuba is excluded from major international financial institutions and faces extremely limited access to international capital markets, making it extremely difficult to finance disaster response and development. In the face of the destructive impact of simultaneous emergencies, it is critical to accompany Cuba in its ongoing response and recovery efforts.



Photo: WFP Cuba

Response from national authorities

As part of the Civil Defense System, national and local authorities had to respond, in a period of just 20 days, to the impact of two hurricanes and several earthquakes, implementing the protocols planned to avoid human and material losses. In total, some 400,000 people were protected, mostly in the homes of family and friends, within a context of energy emergency that made prevention and response actions complex.

Prior to the hit of the hurricanes, priority was given to the transfer of power generators to vital centers, the distribution of coal for cooking, the allocation of liquefied gas reserves to health institutions and evacuation centers, as well as the strengthening of storage conditions to preserve goods. Currently, immediate recovery efforts prioritize the restoration of basic services such as electricity and water supply, with the most complex situation in Artemisa, a territory that suffered the greatest impacts of Hurricane Rafael. In the provinces of Granma and Santiago de Cuba, hit by the earthquakes, access to electricity and drinking water is already provided normally.

The telecommunications sector has regained the vitality of much of the fixed and mobile telephony. On the other hand, access to isolated territories has been possible, thanks to the integrated work of institutions, civil society organizations and the communities themselves in

the recovery of roads, bridges and damaged electrical infrastructure.

In order to improve the living conditions of the affected families, local governments distribute supplies such as tarpaulins, mattresses and hygiene kits, among other aids, which are delivered free of charge, or through subsidies and bonuses, to the most vulnerable families. In the case of Granma, the province most affected by the earthquakes, tents and a field hospital were installed to protect people from the possibility of collapses in high-rise buildings and health institutions.

In addition to the efforts of the national authorities, contributions have been made by the European Union, Canada, China, Vietnam, Russia and Latin American countries such as Venezuela, Bolivia, Colombia and Mexico, among others.

Given the nature of the disaster, which exceeded all forecasts of damage it is necessary to support the ongoing efforts of this national response.

Response of the United Nations system

The United Nations System (UNS) in Cuba immediately supports national efforts with supplies prepositioned in the country, such as food, tarpaulins, roofs, water tanks, a water treatment plant, hygiene kits, lighting towers with generators, tents for temporary facilities and operations management posts, kitchen kits, mobile warehouses and pallets for the correct storage of food, medical supplies kits, school supplies (WFP, UNDP, UNFPA, UNICEF), and other essential items and medicines that have been arriving immediately to the country (UNHCR, PAHO/WHO, UNDP, UNICEF).

The United Nations Office for Humanitarian Affairs (OCHA) has approved two Emergency Cash Grants that provide rapid financing for the purchase of essential goods in immediate response to each hurricane. On October 30, the Acting Under-Secretary-General for Humanitarian Affairs and Emergency Relief Coordinator approved a \$3.5 million contribution from the United Nations Central Emergency Response Fund (CERF) for the immediate response of the United Nations System to the most urgent needs in the affected areas. A new application is currently being submitted to CERF for the response to Hurricane Rafael.

Several UN agencies (UNHCR, FAO, IOM, PAHO/WHO, WFP, UNDP, UNFPA, UNICEF) have activated their internal emergency response mechanisms, are mobilizing their own resources or are redirecting existing funds.

This Plan of Action of the United Nations System is an extension of the Plan of Action in response to Hurricane Oscar (20 October), now including both Hurricane Rafael (6 November) and the earthquakes (10 November). This plan has been prepared in dialogue with the national authorities and includes the system's response to the severe effects caused by these three disasters and in support of the most affected people and territories.

This plan is available to all members of the international community who wish to join this response. Efforts are being coordinated with the European Union, Canada, Switzerland and Chile, which have already contributed to the plan, and efforts are being made to coordinate actions with other actors such as international civil society organizations, including the Red Cross and its international response mechanisms, and CARE, among others. All organizations are invited to report their activities through the 345W platform, with the aim of reducing duplication of efforts and managing an effective response in support of the national authorities.

Strategic objectives

This Action Plan includes projects that address immediate response aspects and will be implemented during the initial six months. Additionally, several projects will continue for an 18-month period, strengthening the transition towards recovery.

Strategic Objectives:

- 1. Support national immediate response actions and the vitality of basic services in critical sectors, with priority given to population groups at risk of vulnerability.**
- 2. Support initial early recovery efforts, as well as the reactivation of livelihoods in the most affected territories.**

The sectors prioritized for this response are the following:

- **Water, Sanitation and Hygiene**
- **Temporary Shelters, Housing, and Early Recovery**
- **Education**
- **Logistics**
- **Health**
- **Food Security and Nutrition**

To support the monitoring of the Action Plan, a specific project is included to strengthen Coordination during the first six months of implementation.

Response strategy

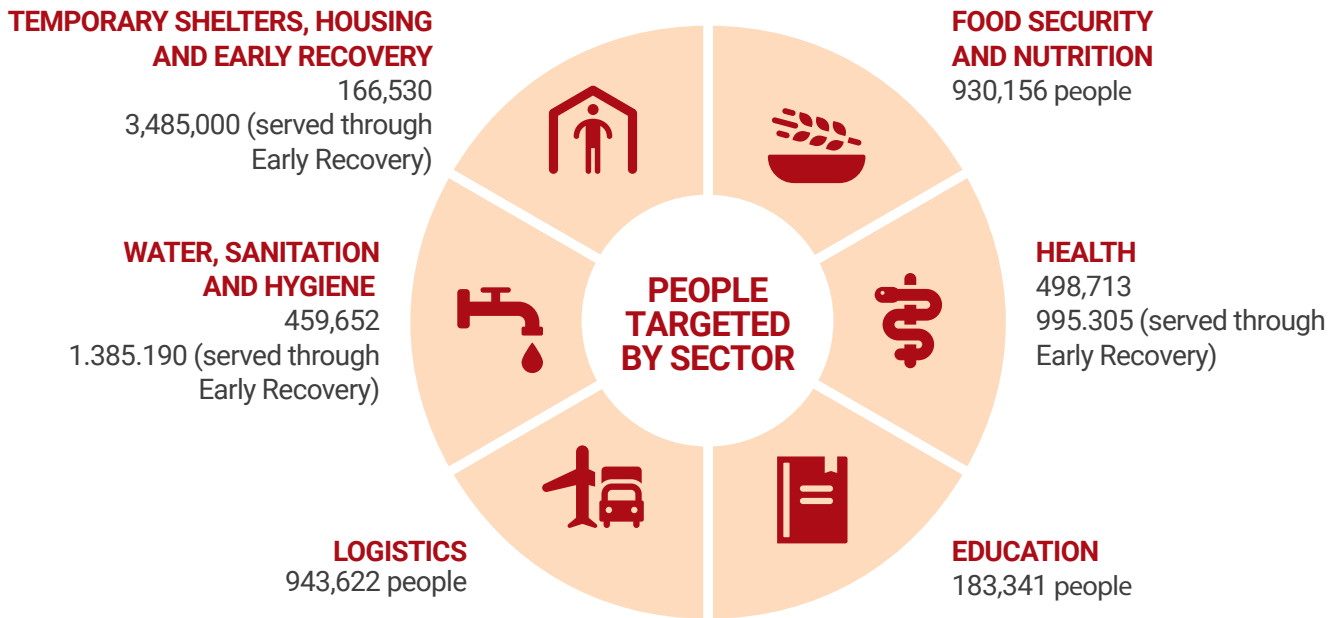
TOTAL POPULATION OF CUBA	POPULATION AFFECTED BY HURRICANES OSCAR, RAFAEL AND BY EARTHQUAKES	UN PLAN OF ACTION POPULATION TARGETED	FINANCIAL REQUIREMENT (USD)
10.06M	1.4M	930 K	78.3M

Sectors, participating agencies, people targeted and funding required for the Plan of Action

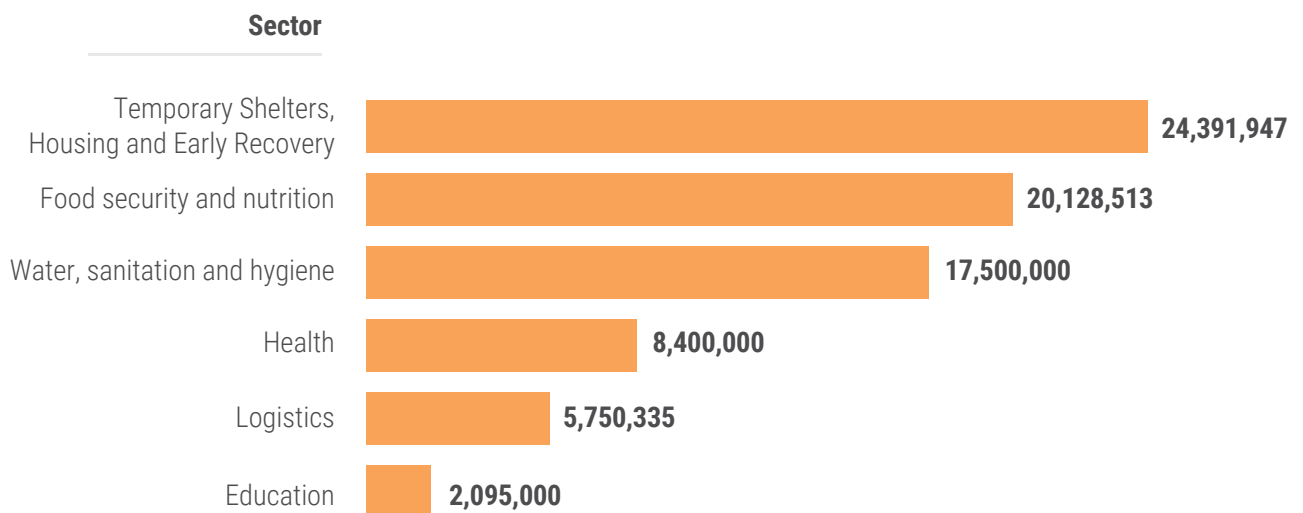
SECTOR	AGENCIES	PEOPLE TARGETED	REQUIRED (USD)
Water, Sanitation and Hygiene	UNICEF	459,652 1,385,190 (served through Early Recovery)*	\$17,500,000
Temporary Shelters, Housing and Early Recovery	UNDP, IOM, UNHCR, UNOPS, UNESCO, UN-Habitat	166,530 3,485,000 (served through Early Recovery)*	\$24,391,947
Education	UNICEF, UNESCO	183,341	\$2,095,000
Logistics	WFP	943,622	\$5,750,335
Health	PAHO-WHO, UNFPA, UNICEF	498,713 995,305 (served through Early Recovery)*	\$8,400,000
Food Security and Nutrition	WFP, FAO, UNICEF	930,156	\$20,128,513
Coordination	RCO, OCHA	Action Plan total population	\$35,000
Total		930,156	\$78,300,795

*Target population through Early Recovery includes a geographically expanded approach and project durations of up to 18 months.

Targeted population by response sector

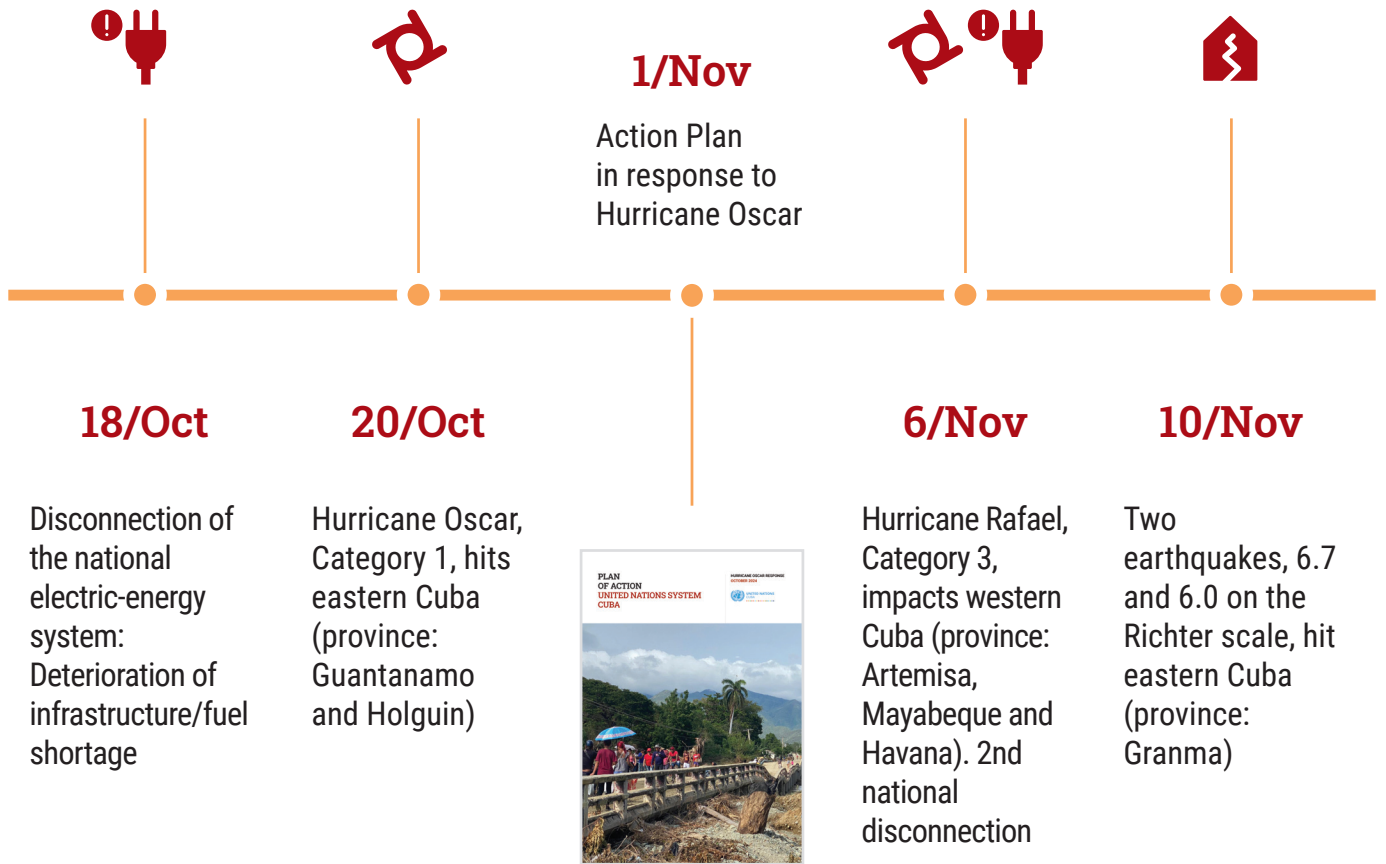


Funding required by response sector (USD)



A project in support of the Coordination for \$ 35,000 USD has been added

Cuba | Chronology October and November 2024



In 20 days, two hurricanes and two earthquakes hit Cuba in a complex energy context, impacting its population mainly in housing, water, health, food security and education. The challenges in energy supply and fuel availability are across all sectors.

Water, sanitation and hygiene (WASH)



TARGETED POPULATION

459,652 people

1,385,190 people served through Early Recovery

FUNDING REQUIRED BY THE SECTOR (USD)

17.5M

Participating Agencies: UNICEF

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Impact

WASH services are essential for human survival and for the prevention of outbreaks of water-sanitary and vector-borne diseases, which affect all people, with a more acute impact on children. The effects on the water supply in the provinces most affected by Oscar and Rafael are severe, with losses of infrastructure, damage to pumping equipment, storage media, and the pipelines of the supply systems. The water supply by tanker trucks has been activated for communities where service has been interrupted, as well as high-pressure sanitation trucks. At the household level, due to the floods, families lost basic supplies for water storage and treatment, as well as their personal hygiene items.

Following hurricanes Oscar and Rafael, 152,000 people suffered serious damage to their homes, including damage to their domestic sanitation infrastructure. Educational and health institutions have suffered severe damage to their water, sanitation and hygiene infrastructures. With flood waters receding and the impact of high winds, it is critical to ensure sanitary and environmental conditions, with appropriate waste management, treatment and disposal. Needs for equipment and supplies for high-pressure and septic tank cleaning trucks have been identified. Furthermore, ensuring safe sanitation conditions at the household and institutional levels is essential to ensure the health of those affected.

According to authorities from the National Institute of Water Resources, the failure of the national electro-energy system paralyzed 84% of the country's water pumping stations. Only 16% remained in operation, 611 pumps with solar panels and 70 systems supplied by gravity. More than 3 million inhabitants were affected without water service in the country, including a strong impact on the country's capital. Following Hurricane Rafael, severe damage to the electrical system caused the water supply to be affected in the western provinces. A week after the impact, in the province of Artemisa, only 17% of the inhabitants had recovered the water supply service and in Havana, only 20%. In Mayabeque, the interruption of electricity service and water pumping continued in the municipalities of Batabanó, Quivicán, Melena del Sur and Nueva Paz.

The impact of the earthquake in the province of Granma has caused damage to more than 3,500 homes, so part of that population remains outside their homes, and has had to be assisted with the delivery of drinking water and tanks to store it.

The national authorities have activated the delivery of water service by water trucks and community access points.

Priority activities of the sector

- Provide safe drinking water at the household, community and institutional (educational and health) levels, contributing to the prevention and control of waterborne and other vector-borne diseases, with a focus on sustainability and climate resilience in the face of upcoming emergency scenarios.
- Provide sanitation services for affected people at the household, community and institutional levels, ensuring safe waste management, preventing disease and environmental and water source contamination.
- Promote hygiene and community mobilization for healthy practices at the household level, as well as environmental cleaning, ensuring community sanitary and hygienic conditions that prevent outbreaks of water-borne and vector-borne diseases.
- Provide WASH supplies such as hygiene kits that include household water storage and treatment, soap for personal hygiene, menstrual hygiene supplies for girls and women, among other key supplies.



Photo: UNCT Cuba



Temporary shelters, Housing and Early recovery

TARGETED POPULATION

166,530 people

3,485,000 people served through Early Recovery

FUNDING REQUIRED BY THE SECTOR (USD)

24.4M

Participating agencies:

UNDP, IOM, UNHCR, UNOPS, UNESCO, UN Habitat

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Impact

Hurricane Oscar has left nearly 60,000 people affected by various damages to their homes: total and partial collapses, as well as the total or partial loss of roofs. Around 90,000 people, including those whose homes were damaged, have lost basic living and subsistence needs such as mattresses, cooking facilities, hygiene, and lack of electricity due to the impact of the floods. The impact of the floods has been greatest in Imías (which is still cut off) and in San Antonio del Sur municipalities.

In addition, damage has been reported at the Fuerte Matachín Municipal Museum - an 18th century Spanish

fortress and the "Cecilio Gómez Lambert" Cultural Center in Baracoa (a heritage building from the late 19th century).

The impact of Hurricane Rafael has so far left (damage is still quantified), some 25,471 homes with various damages, concentrating its impact in the province of Artemisa with more than 83% of the damage. Severe effects predominate considering the ravages of strong category 3 winds. As a result, some 92,000 victims have been identified. At the same time, around 60,000 people (20,000 families) have been identified with severe problems in accessing electricity; they have had coverage with small photovoltaic systems as an immediate alternative, among others to access water. At the same time, damage to the conventional power grid has affected an additional 305,000 people.

Meanwhile, the earthquake in the eastern area has caused structural damage to more than 11,540 homes, affecting more than 46,000 people, in addition to damage to the conventional electricity service network.

The effects of Hurricanes Oscar, Rafael and the earthquake (in the eastern area) have impacted more than 218,700 people, only in the housing sector.

The housing and electrical infrastructure sectors demand considerable resources. In the case of housing, construction materials are scarce in the market due to the limited domestic production of cement, steel, aggregates, etc. For its part, the electrical infrastructure depends on equipment and parts that must be imported, such as transformers, cables, etc., for the most part. Hence, one alternative is to opt for Renewable Energy Sources (RES).

Priority activities of the sector

Immediate response

- Create minimum temporary shelter conditions for affected populations, prioritizing women and vulnerable groups, through temporary facilities and shelter housing in the affected homes, as well as in shelters.
- Promote activities in these temporary shelter spaces for the protection of vulnerable groups and the prevention of Gender-Based Violence (GBV).
- Create basic living conditions/basic life kits, such as mattresses, means for consuming food and safe water, sets of sheets, towels, mosquito nets, solar lamps, hygiene kits, etc. to complement the conditions in shelter solutions, as well as in homes that lost property due to flooding and for people protected in shelters and in the homes of families, friends and neighbors.
- Improve access to electricity through FRE with small photovoltaic systems, other alternative sources, rechargeable lamps, etc. At the same time contribute to the recovery of the electricity supply through the conventional network and electric generators.
- Recover and revitalize the meteorological and hydrological (MH) Early Warning System, reestablishing MH surveillance systems, communications and timely warning to the population, as well as strengthening the Risk Management capacities of Governments and key actors in vulnerable municipalities.
- Support the revitalization of energy solutions to maintain the vitality of basic community services in the affected municipalities, prioritizing the installation of FRE, in housing and services, and supporting the acquisition of prioritized equipment and parts to repair the conventional electricity network.
- Conduct a Post-Disaster Needs Assessment (PDNA) on the effects, impact and existing needs on cultural institutions, natural and cultural heritage and cultural professionals of the affected territories.

Early Recovery

- Create safe living conditions in the homes of affected populations by improving the immediate shelter solutions created in the immediate response, prioritizing vulnerable groups and women, with safe roofs and strengthening brigades with reconstruction resources, as well as technical advice and procedures for the population, ensuring the preparation of workers and technicians.
- Strengthen the local production of construction materials, using local resources (clays, ridges, woods, etc.) and recycling, and transferring appropriate technologies; as well as transferring construction techniques with local resources that allow a rapid response.



Education

TARGETED POPULATION

183,341 people

159,040 children and adolescents and **24,301** teachers

FUNDING REQUIRED BY THE SECTOR (USD)

2.1M

Participating agencies: UNICEF, UNESCO

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Impact

Ministry of Education assessments indicate that at least 484 educational institutions were affected by hurricanes Oscar, Rafael and the 6.7 Richter scale earthquakes, the latter in the province of Granma.

These effects are concentrated in Baracoa, San Antonio del Sur, Maisí and Imías of the province of Guantánamo; Artemisa, San Antonio de los Baños, Alquizar, Güira, Mariel, Bahía Honda and Guanajay of the province of Artemisa; Batabanó, Quivicán and Bejucal of the province of Mayabeque; La Lisa and Boyeros of the province of Havana and Pilón of the province of Granma. Local authorities have shared preliminary damage affecting at least 159,040 children, girls and adolescents and 24,301 teachers.

The main damages are concentrated in the following resources: roofs, lighting, furniture and school supplies, blackboards, and mattresses and bunk beds in internal institutions. In addition to the material impact, there is a perceived need for psycho-emotional support for children and adolescents in areas affected by hurricanes and earthquakes.

Priority activities of the sector

- Provide roofs (including waterproofing blankets and roof sheets) and supplies necessary for the rehabilitation of 484 schools in the 17 most affected municipalities of the 5 provinces, in coordination with the Housing and Early Recovery sector.
- Provide toilet bowls, water storage supplies (tanks and cisterns) and other means that guarantee hygienic conditions and safe sanitation in the affected schools of the 17 municipalities, in coordination with the Water, Sanitation and Hygiene sector.
- Provide kits for early childhood children in daycare centers, daycare centers and the Educate Your Child Program of the municipalities.
- Provide school supplies kits for children and adolescents in general education in the most affected municipalities.
- Provide recreation kits for the post-disaster social-emotional support of students in the schools of the most affected municipalities.
- Provide textbooks for the III Improvement of the Educational System for children, adolescents, and young people in the most affected municipalities.
- Train teachers to provide adequate education for post-disaster social-emotional care to affected children, adolescents and youth in multisectoral coordination.
- Provide teaching material kits for teachers in the most affected municipalities.
- Develop and distribute materials in multimedia format (TV, Radio and Social Security) to promote the comprehensive well-being of children and adolescents and a return to school.
- Evaluate structural risk to schools in the municipalities most affected by the earthquakes in the province of Granma.

Logistics



TARGETED POPULATION

943,622 people

FUNDING REQUIRED BY THE SECTOR (USD)

5.75M

Participating agencies: WFP

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Impact

Severe infrastructure damage is reported to sections of bridges, roads and paths that hinder access and communication, and the rapid distribution of aid. As a result of the influence of winds and flooded areas, damage has been identified to public service facilities such as wholesale and retail food network warehouses, food distribution centers, local retail networks, pharmacies, schools and health institutions.

The energy crisis and the fuel shortage, added to the damage to the electricity distribution network due to the impact of strong winds, have hindered response and recovery efforts.

Priority activities of the sector

- Support the delivery of tents for temporary facilities to the affected population and management positions of response operations.
- Contribute to the recovery of storage and distribution capacities, emphasizing warehouses in the most affected municipalities through mobile warehouses with pallets and lighting.

- Contribute to capacity building for energy backup of communications and other basic services in emergency situations through the use of diesel generators and solar panels.
- Strengthen logistics capabilities in the food distribution chain by purchasing tires and batteries.
- Support the provision of fuel to guarantee the transportation services associated with the response to the emergency caused by Hurricanes Oscar and Rafael, as well as by the earthquake, from the government entities in charge of the logistics of these emergency operations, as well as the operation of the United Nations System Agencies in Cuba (4000 MT).

Health



TARGETED POPULATION

498,713 people

995,305 people served through Early Recovery

FUNDING REQUIRED BY THE SECTOR (USD)

8.4M

Participating agencies: PAHO/WHO, UNICEF, UNFPA

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these hydrometeorological phenomena, in particular to children and adolescents.

Although no structural damage is reported in health institutions in the provinces of Granma and Santiago de Cuba, where the two earthquakes were most noticeable, the psycho-emotional impact that may have been generated in the population must be borne in mind, with emphasis on the municipalities of Pílon and Manzanillo and on children and adolescents.

Impact

The impacts on the health sector following Hurricanes Oscar and Rafael and the earthquakes in the eastern region include damage to infrastructure, mainly roofs, as well as loss of medical and dental equipment, medical supplies and supplies for institutions and entities. This situation makes the immediate recovery and the vitality of the services complex.

There are reports of 200 damaged health institutions. In Guantánamo 56 were identified, including the Octavio de la Concepción and Pedraza General Hospital in Baracoa, 4 polyclinics and 33 family doctors' offices.

With Hurricane Rafael, a total of 144 health institutions were damaged in the three affected provinces of the western region. These include 28 hospitals, 43 polyclinics, 123 family doctor's offices and 51 other types of clinics. In Artemisa, significant damage is reported in two hospitals, the José Ramón Martínez Pediatric Hospital in Guanajay and the Ciro Redondo García General Hospital in the municipality of Artemisa.

In addition, it is essential to provide psycho-emotional support to the affected populations after the passage of

Priority activities of the sector

- Provide essential equipment and supplies to support the rehabilitation of the functions of identified health units in hurricane-affected areas, including the procurement of equipment, medicines and medical health supplies, as well as inputs to build resilience to frequent multi-hazard events.
- Contribute to the prevention of infectious diseases and epidemiological events, including those caused by the consumption of unsafe water and poor hygiene, such as waterborne and contact diseases in health institutions.
- Contribute to the immediate rehabilitation of sexual and reproductive health services and the prevention and care of gender-based violence, including maternal health, family planning and STI/HIV services through the acquisition of medicines for people with AIDS/HIV, contraceptives, condoms, clinical management of sexual violence, fetal monitors, ultrasound equipment, equipment and medicines for obstetric emergencies.

- Address the hygiene needs of women of reproductive age with emphasis on pregnant women, adolescents, people with disabilities, LGBTI community members and the elderly, from a gender and rights perspective.
- Strengthen the capabilities of the health system of the 7 provinces and 17 municipalities affected and the rehabilitation of the territories' essential mental health and maternal and child health services through the acquisition of critical medical equipment, drugs and supplies.
- Support the prevention of community infections and the promotion of appropriate care in the first 1000 days of life with community participation and the strengthening of psycho-emotional care with community participation.
- Contribute to the continuity of maternal and child care in the affected territories through the delivery of medicines, medical supplies and essential equipment. Support psycho-emotional care with community participation.

Food security and Nutrition



TARGETED POPULATION

930,156 people

FUNDING REQUIRED BY THE SECTOR (USD)

20.2M

Participating agencies: WFP, UNICEF, FAO

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Impact

Guantánamo province was the hardest hit by Hurricane Oscar. Serious damage was reported in the agricultural sector, in more than 4,000 hectares of vegetables, 750 hectares of bananas, and 1,117 tons of beans. In the agroforestry sector, 4,648 ha of coffee, 3,782 ha of cocoa and 153 ha of coconut were damaged. In the livestock sector, damage was reported to the roofs of facilities related to small livestock, while in the fishing sector, damage occurred to the infrastructure of fishery product processing centers. In the 4 municipalities of San Antonio del Sur, Imías, Maisí and Baracoa, 1,786 hectares of crops were lost, as well as more than 200 hectares of seedbeds that supported 2,000 hectares of sowing, which includes 27 cultivation houses in the Caujerí Valley module, and 32,800 cans of coffee. In the banana sector, it is estimated that almost 50% of the plantations have been damaged, reaching 70 or 80% in Baracoa and Maisí.

After the impact of Hurricane Rafael, in the provinces of Artemisa and Mayabeque, more than 15,000 hectares of crops such as bananas, cassava, corn, grains, vegetables, and fruits have been severely affected in the agricultural sector. There are also reports of damage to at least 10 irrigation machines and 8 crop houses. In livestock, there are significant

effects due to the loss of about 100,000 starter and layer birds, damage to the roofs of buildings in poultry farms, pigs, dairy farms and other business entities in the sector.

These losses further complicate access to food, as they constitute the supply of a large portion of the food consumed in the western part of the country, including the capital. In addition to this situation, there were severe damages in Granma province in the eastern part of the country after the earthquakes.

There are effects on the storage, cooking and conservation capacities of food in homes and institutions in the provinces of Artemisa, Mayabeque, Granma and Guantánamo, which adds to a very complex starting situation, given the national energy emergency, with effects on the water supply and the loss of stored food, aggravated by previous challenges in the stable supply of the standard family basket.

In Guantánamo, heavy flooding critically affected local food reserves, crops and livelihoods, limiting the availability and access to food, with the four most affected municipalities: San Antonio del Sur, Imías, Maisí and Baracoa. In the case of Artemisa, the municipalities of Mariel; Güira; Alquizar; Artemisa; Bahía Honda; Guanajay; San Antonio, as well as Batabanó and Quivicán in the province of Mayabeque have a higher level of impact.

Principales actividades del sector

- Provide immediate food assistance with food and cooking and consumption sets to the entire most affected population, while maintaining the delivery of the bi-monthly module of rice, grains and oil to people in vulnerable situations and pregnant women to prevent the deterioration of food and nutritional security of populations with emphasis on priority groups.

- Support the delivery of food to the most affected people and prioritized and most vulnerable groups, through social protection institutions that are functional and able to offer food services from the immediate response and during recovery (e.g. evacuation centers, community kitchens, daycare centers, primary schools, maternity homes, family care systems, homes for the elderly, grandparents' homes and other centers in the communities).
- Contribute to the prevention of micronutrient deficiency malnutrition with the distribution of nutritional supplements (micronutrient powders and prenatal tablets) to girls and boys aged 6 to 59 months, as well as pregnant and lactating women, and support the promotion of exclusive breastfeeding and appropriate complementary feeding and nutritional supplementation practices in the affected territories.
- Support the early rehabilitation of the availability of nutritious food through the local production of short-cycle crops, animal protein and eggs, for the affected population.
- Contribute to the recovery of the livelihoods of agricultural and fisheries producers, and agroforestry producers of coffee, cocoa and coconut in mountainous areas.

Annexes: Project list by sector

Photo: WFP Cuba



WATER, SANITATION AND HYGIENE

AGENCY	UNICEF - United Nations Children's Fund
PROJECT TITLE	Immediate support and early recovery to restore access to safe water, sanitation and hygiene for families at risk of vulnerability, public school and health institutions, and affected communities in the Guantánamo, Artemisa, Mayabeque and Havana provinces affected by Hurricanes Oscar and Rafael, and by the earthquakes in Granma.
OBJECTIVE(S)	Ensure access to safe water for consumption at the household, community and institutional levels -including pumping, treatment, storage and distribution. Provision of health services for affected people at household, community and institutional levels-ensuring safe waste management, preventing diseases and water-related pollution, vector-borne contamination and contamination of the environment and water sources.
PEOPLE TARGETED	459,652 people (by immediate response) with safe water supply. 1,385,190 people (early recovery) with safe and sustainable water supply, means for storage and adequate sanitation (by impact and scope of the actions, the population of the province of Mayabeque is included).
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 18 months
BUDGET (USD)	Total: \$12,400,000 USD Mobilized: 1,108,813 USD Own Funds, CERF and ECHO Net Requirements: 11,291,187 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	UNICEF - United Nations Children's Fund
PROJECT TITLE	Improvement of environmental and sanitation conditions in the most affected communities in the provinces of Guantánamo, Artemisa, Mayabeque and Havana through inputs for domestic use and community actions.
OBJECTIVE(S)	Support the sanitation and hygiene of affected communities through community actions, avoiding environmental and water source contamination. Provide household-level WASH supplies with hygiene kits that include household-level water storage and treatment, personal hygiene supplies, menstrual hygiene supplies for girls and women, among other key supplies.
PEOPLE TARGETED	1,385,190 people (supplies for sanitation trucks, motor pumps, equipment for operators).
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 5,100,000 USD Mobilized: 351,360 USD Own Funds and CERF Net Requirements: 4,748,640 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

TEMPORARY SHELTERS, HOUSING AND EARLY RECOVERY

IMMEDIATE RESPONSE

AGENCY	UNDP - UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT TITLE	Restoration of immediate shelter conditions through temporary facilities and shelter housing, and access to basic means of habitation, prioritizing women and vulnerable groups, in the municipalities most affected by Hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Create single-family shelters through temporary facilities of about 20 m2 in totally destroyed houses. • Create shelter for 2 families (close relatives) in shelter homes of about 35 m2, in houses that lost their roof. • Create basic living conditions with mattresses, kitchen kits, safe water storage, bed sheets, towels, mosquito nets, solar lamps, hygiene kits, etc. • Replenish the pre-positioning of essential non-food goods, in order to guarantee rapid assistance to the population in the event of new emergency situations.
PEOPLE TARGETED	149,970 people
PROJECT DURATION	3 to 6 months
BUDGET (USD)	Total: 6,000,000 USD Mobilized: 1,465,000 USD Own resources, COSUDE, Chile, EU, CABEI, OCHA Emergency Cash Grant and CERF Net Requirement: 4,535,000 USD
CONTACT INFORMATION	Fernando Hiraldo, UNDP-Cuba Representative Email: fernando.hiraldo@undp.org

AGENCY	IOM – INTERNATIONAL ORGANIZATION FOR MIGRATION
PROJECT TITLE	Creation of temporary facilities for residents of the 4 most affected municipalities in Guantánamo: San Antonio del Sur, Imías, Baracoa and Maisí.
OBJECTIVE(S)	Improve the quality of life of protected people in shelters and in homes of family, friends and neighbors by ensuring a Basic Livelihood Kit, Non-Food Items (NFI): set of sheets, mattresses, towels, mosquito nets, solar lamps, hygiene kits.
PEOPLE TARGETED	11,700 people
PROJECT DURATION	3 to 6 months
BUDGET (USD)	TOTAL: 250,000 USD Mobilized: - Net Requirements: 250,000 USD
CONTACT INFORMATION	Sonia Karakadze, Program Coordinator, Head of Office, IOM-Cuba Email: skarakadze@iom.int

AGENCY	UNHCR – UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES
PROJECT TITLE	Urgent measures to support the population of Guantánamo province, affected by Hurricane Oscar, with essential livelihoods.
OBJECTIVE(S)	Provide support with the distribution of essential non-food items to ensure that the affected population can quickly recover their livelihoods and be prepared to face new emergency situations (kitchen sets, plastic sheeting, solar lamps, blankets or quilts, sleeping mats, family tents, mosquito nets).
PEOPLE TARGETED	<ul style="list-style-type: none"> • 16,560 solar lamps (16,560 families / 49,680 people, at the rate of 1 solar lamp per 4-person household) • 10,200 mats • 7,200 mosquito nets (7,200 people) • 6,192 blankets or quilts (9,288 people) • 600 plastic tarps (600 families/ 2,400 people, considering 1 per unit of 4 people) • 520 cooking sets (2,080 people per family of 4 members) • 225 fireproof family tents (200 for families/800 people considering 4-member groups and 25 to enable community services, which can benefit approximately 20,000 people)
PROJECT DURATION	3 to 6 months
BUDGET (USD)	<p>TOTAL: 548,222 USD</p> <p>Mobilized: 391,222 USD (Own resources)</p> <p>Net Requirements: 157,000 USD</p>
CONTACT INFORMATION	<p>Laura Sola, Head of Office UNHCR-Cuba</p> <p>Email: SOLA@unhcr.org</p>

AGENCY	UNOPS – UNITED NATIONS OFFICE FOR PROJECT SERVICES
PROJECT TITLE	Pilot Technical Assistance in the identification and planning of reconstruction requirements for the municipality of Imías.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Initial assessment of damage to housing, public health and educational institutions. • Initial assessment of road and communications infrastructure damage • Initial assessment of damage to utilities, water and energy • Definition and prioritization of needs • Prioritization plan for short and medium- term activities considering aspects of resilience and sustainability • Feasibility Analysis Risks and Budget • Inter-institutional coordination • Management of online survey tracking platform (geolocation of affected places, photographs) • Management of prioritization meetings with identified counterparties <p>Deliverable: (i) Report on the current situation in all the aforementioned categories (II) Presentation of reconstruction alternatives (iii) High-level Imías Municipality reconstruction plan with budget and estimated times</p>
PEOPLE TARGETED	Provincial Government of Guantánamo, Imías Municipalities.

PROJECT DURATION	3 months
BUDGET (USD)	Total: 543,725 USD Mobilized: - Net Requirements: 543,725 USD
CONTACT INFORMATION	Laura Klarreich, UNOPS Senior Portfolio Advisor Email: marialk@unops.org

EARLY RECOVERY

AGENCY	UNDP - UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT TITLE	Recovery of safe housing conditions in the municipalities affected by Hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Create conditions of safe habitability in the homes of affected populations, prioritizing vulnerable groups and women. Safe roof solutions will be provided to homes, improving those that temporarily serve as shelters during the response phase. • Strengthen the capacities of construction brigades with means to ensure safe reconstruction. • Strengthen Technical Assistance and paperwork services to ensure safe reconstruction • Train and prepare workers, technicians and monitors to advise on the installation of roofs and reconstruction.
PEOPLE TARGETED	36,000 people
PROJECT DURATION	12-18 months
BUDGET (USD)	Total: 5,000,000 USD Mobilized: - Net Requirements: 5,000,000 USD
CONTACT INFORMATION	Fernando Hiraldo, UNDP-Cuba Representative Email: fernando.hiraldo@undp.org

AGENCY	UNDP - UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT TITLE	Strengthening of local capacities for the production of construction materials with the use of local raw materials in the municipalities affected by Hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Strengthen the local production of construction materials, using local resources (clays, pebbles, soil-cement) and recycling (plastics), as well as transferring appropriate technologies. • Transfer construction techniques with local resources that allow for a rapid response to the magnitude of the damages. • Strengthen capacities for wood processing. • Support the training of municipal technicians and workers, prioritizing employment for young people, and integrating women.

PEOPLE TARGETED	20,000 people
PROJECT DURATION	12 -18 Months
BUDGET (USD)	Total: 2,500,000 USD Mobilized: - Net Requirements: 2,500,000 USD
CONTACT INFORMATION	Fernando Hiraldo, UNDP-Cuba Representative Email: fernando.hiraldo@undp.org

AGENCY	UNDP - UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT TITLE	Recovery and strengthening of the hydro-meteorological Early Warning System (EWS) of Guantánamo, Artemisa and Mayabeque, as well as the seismological EWS of Granma, Santiago de Cuba and Guantánamo, in view of the vulnerabilities created by hurricane Oscar in Guantánamo, Rafael in Artemisa and Mayabeque and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Restore and revitalize the meteorological, hydrological and seismological monitoring systems. • Recover and revitalize communications between key SAT entities and notification to the population. • Strengthen the capacities of municipal technicians and community information in vulnerable areas. • Strengthen the risk management capacities of governments and key actors in vulnerable municipalities for timely decision making.
PEOPLE TARGETED	3,728,600 people
PROJECT DURATION	18 months
BUDGET (USD)	Total: 2,500,000 USD Mobilized: - Net Requirements: 2,500,000 USD
CONTACT INFORMATION	Fernando Hiraldo, UNDP-Cuba Representative Email: fernando.hiraldo@undp.org

AGENCY	UNDP - UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT TITLE	Promote the use of renewable energy sources (RES) and conventional networks in areas affected by Hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Support the revitalization of energy solutions to maintain the vitality of basic community services in affected municipalities. • Guarantee the supply of electricity to isolated homes and facilities that provide basic services, based on FRE. • Promote the design of disaster risk management measures plans to ensure the safe protection of FRE facilities against extreme weather events.
PEOPLE TARGETED	555,000 people
PROJECT DURATION	18 months
BUDGET (USD)	Total: 5,500,000 USD Mobilized: - Net Requirements: 5,500,000 USD
CONTACT INFORMATION	Fernando Hiraldo, UNDP Representative- Cuba Email: fernando.hiraldo@undp.org

AGENCY	UNESCO The United Nations Educational, Scientific and Cultural Organization
PROJECT TITLE	Post-Disaster Needs Assessment of the cultural and heritage sectors and development of a recovery framework in the municipalities affected by hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	Conduct a Post-Disaster Needs Assessment (PDNA) on the effects, impact and existing needs on cultural institutions, natural and cultural heritage and cultural professionals of the affected territories.
PEOPLE TARGETED	Provincial Governments of Guantánamo, Granma, Artemisa
PROJECT DURATION	18 months
BUDGET (USD)	TOTAL: 50,000 USD Mobilized: - Net Requirements: -50,000USD (to be mobilized with own resources)
CONTACT INFORMATION	Anne Lemaistre, UNESCO-Cuba Representative Email: a.lemaistre@unesco.org

AGENCY	UN HABITAT - UNITED NATIONS HUMAN SETTLEMENTS PROGRAM
PROJECT TITLE	Resilient recovery with safe roofs and access to renewable energy in homes affected by Hurricanes Oscar in Guantánamo, Rafael in Artemisa and the earthquake in eastern Cuba.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Strengthen the response capacity of local brigades in housing reconstruction. • Technical assistance to achieve resilient reconstruction based on nature-based solutions and the use of local materials. • Improve living conditions by distributing solar lamps to facilitate access to lighting through renewable energy for families affected by the lack of electricity. • Install photovoltaic energy panels in affected communities and provide technical assistance to promote the sustainability of the system. • Update the territorial planning plans of the affected municipalities based on the identification of new vulnerabilities. <p>It includes: roofing modules with sheets and purlings, specialized tools for construction brigades, including chainsaws that contribute to the recovery of housing in rural areas and access to communities, solar lamps for the use of families, solar LED lamps with motion sensors and automatic lighting in public spaces, and autonomous photovoltaic systems. Preparation and distribution of technical manuals and family guides to better rebuild.</p>
PEOPLE TARGETED	<ul style="list-style-type: none"> • 48,000 people benefited with priority given to the most vulnerable. • 15,000 homes that restore their minimum living conditions for the return of families, all with solar lamps and of them 300 with FRE. • 1,200 technicians from the construction brigades that strengthen their response capacity. • 200 technicians who strengthen their capacities for damage identification and assessment. • Indirectly: 500,000 people residing in the affected municipalities.
PROJECT DURATION	18 months
BUDGET (USD)	Total: 1,200,000 USD Mobilized: - Net Requirements: 1,200,000 USD
CONTACT INFORMATION	Elkin Velásquez Monsalve, UN Habitat Representative Email: elkin.velasquez@un.org

AGENCY	UN HABITAT - UNITED NATIONS HUMAN SETTLEMENTS PROGRAM
PROJECT TITLE	Resilient recovery of affected homes with heritage value in the historic center of Baracoa.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Promote the housing recovery of Baracoa with the orientation of the urban development plan that guarantees the heritage value of the affected homes in the Historic Center. • Strengthen capacities to achieve a resilient reconstruction appropriate to the heritage value. • Contribute to the construction of a tile factory for the manufacture of tiles in accordance with the heritage characteristics of the Primate City of Cuba and technical assistance for the safe placement of roofs. • Strengthen technical knowledge through technical advice to public companies and entrepreneurs in the private sector, SMEs producing tiles and roofers to enhance their productive capacity in the reconstruction of homes. <p>It includes: roof modules with metal sheets with a design that simulates ceramic tiles and support, equipment for the completion of a tile that facilitates the manufacture of tiles and construction elements, specialized tools for the construction brigades. Preparation and distribution of technical manuals.</p>
PEOPLE TARGETED	<ul style="list-style-type: none"> • 14,000 people benefited with priority given to the most vulnerable. • 500 homes that restore their living conditions with preservation of their heritage value and 3,000 homes benefited from other construction elements. • 30 technicians from the construction brigades that strengthen their response capacity. • 20 entrepreneurs from the private and state sectors linked to the manufacture and placement of tiles and other construction elements. • Indirectly: population residing in the municipality of Baracoa and highly vulnerable to extreme hydrometeorological phenomena.
PROJECT DURATION	18 months
BUDGET (USD)	TOTAL: 300,000 USD Mobilized: - Net Requirements: 300,000 USD
CONTACT INFORMATION	Elkin Velásquez Monsalve, UN Habitat Represent Email: elkin.velasquez@un.org

EDUCATION

AGENCY	UNICEF - United Nations Children's Fund
PROJECT TITLE	Support for the rapid restart of educational activities in safe and protective learning spaces to benefit 183,341 students and teachers in 17 affected municipalities in the Guantánamo, Artemisa, Mayabeque, Havana and Granma provinces.
OBJECTIVE(S)	Provide roofs (including roof sheets and waterproofing blankets), equipment, school furniture among other supplies for the rehabilitation of schools in the most affected municipalities: Baracoa, San Antonio del Sur, Maisí and Imías of the province of Guantánamo; Artemisa, San Antonio de los Baños, Alquizar, Güira, Mariel, Bahía Honda and Guanajay of the province of Artemisa; Batabanó, Quivicán and Bejucal of the province of Mayabeque; La Lisa and Boyeros of the province of Havana and Pilón of the province of Granma.
PEOPLE TARGETED	183,341 people (24,301 teachers and 159,040 children and adolescents; of them, 67,894 girls and 91,146 boys between 1 and 18 years of age- more than 1,500 with some type of disability).
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 865,000 USD Mobilized: 134,903 USD ECHO-EU and Own Funds Net Requirements: 730,097 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	UNICEF - United Nations Children's Fund
PROJECT TITLE	Support for the recovery of the health infrastructure of affected educational centers, in a sustainable and resilient way, to benefit 183,341 students and teachers in 17 affected municipalities in the Guantánamo, Artemisa, Mayabeque, Havana and Granma provinces.
OBJECTIVE(S)	Provide toilet bowls, water storage supplies (tanks and cisterns) and other means that ensure hygienic conditions and safe sanitation in 484 schools of the 17 most affected municipalities: Baracoa, San Antonio del Sur, Maisí and Imías of the province of Guantánamo; Artemisa, San Antonio de los Baños, Alquizar, Güira, Mariel, Bahía Honda and Guanajay of the province of Artemisa; Batabanó, Quivicán and Bejucal of the province of Mayabeque; La Lisa and Boyeros of Havana and Pilón of the province of Granma.
PEOPLE TARGETED	183,341 people (24,301 teachers and 159,040 children and adolescents; of them, 67,894 girls and 91,146 boys between 1 and 18 years of age- more than 1,500 with some type of disability).
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 355,000 USD Mobilized: 14,400 USD ECHO-EU Net Requirements: 340,600 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	UNICEF- United Nations Children's Fund
PROJECT TITLE	Availability of educational, didactic and recreational materials to facilitate educational activities and psycho-emotional support in the return to protective learning spaces of more than 183,341 students and teachers in 17 affected municipalities in the Guantánamo, Artemisa, Mayabeque, Havana and Granma provinces.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Provide ECD Kits for early childhood children in daycare centers, early childhood educational centers and the Educate your Child Program of the municipalities of Baracoa, San Antonio del Sur, Maisí and Imías of the province of Guantánamo; Artemisa, San Antonio de los Baños, Alquizar, Güira, Mariel, Bahia Honda and Guanajay of the province of Artemisa; Batabanó, Quivicán and Bejucal of the province of Mayabeque; La Lisa and Boyeros of Havana and Pílon of the province of Granma • Provide school supplies kits for children and adolescents in general education in the most affected municipalities. • Provide recreation kits for the post-disaster social-emotional support of students in the schools of these most affected municipalities.
PEOPLE TARGETED	183,341 people (24,301 teachers and 159,040 children and adolescents; of them, 67,894 girls and 91,146 boys between 1 and 18 years of age- more than 1,500 with some type of disability).
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 555,000 USD Mobilized: 58,564 USD ECHO-EU Net Requirements: 496,436 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	UNESCO The United Nations Educational, Scientific and Cultural Organization
PROJECT TITLE	Post-disaster social-emotional support in schools for more than 183,341 children and adolescents and their teachers from the 17 affected municipalities in the Guantánamo, Artemisa, Mayabeque, Havana and Granma provinces.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Provide teaching material kits for teachers in the most affected municipalities. • Train teachers to provide adequate education for post-disaster social-emotional care to affected children, adolescents and youth. • Develop cultural and artistic and sports education activities with students and affected communities. • Develop and distribute materials in multimedia format (TV, Radio and Social Security) to promote the comprehensive well-being of children and adolescents and a return to school. • Evaluate structural risk to schools in the municipalities most affected by the earthquakes in the province of Granma.
PEOPLE TARGETED	192,000 people (9,000 teachers and 183,000 children and adolescents).
DURACIÓN DEL PROYECTO	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 320,000 USD Mobilized: 30,000 USD regular program Net Requirements: 290,000 USD
CONTACT INFORMATION	Anne Lemaistre, UNESCO-Cuba Representative Email: a.lemaistre@unesco.org

LOGISTICS

AGENCY	WFP - World Food Programme
PROJECT TITLE	Support for the immediate recovery of storage and logistics capacities that contribute to food security and emergency response operations, including energy support with a sustainable approach to basic services.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Support the delivery of tents for temporary facilities to the affected population and management positions of response operations. • Contribute to the recovery of storage and distribution capacities, emphasizing warehouses in the most affected municipalities through mobile warehouses with pallets and lighting. • Contribute to capacity building for energy backup of communications and other basic services in emergency situations through the use of diesel generators and solar panels. • Strengthen logistics capabilities in the food distribution chain by purchasing tires and batteries.
PEOPLE TARGETED	943,622 people
PROJECT DURATION	6 months
BUDGET (USD)	Total: 1,750,335 USD Mobilized: 800,000 USD CERF and Korea Net Requirements: 950,335 USD
CONTACT INFORMATION	Etienne Labande, WFP-Cuba Representative Email: etienne.labande@wfp.org / Phone: +53 7 204 2039

AGENCY	WFP - World Food Programme
PROJECT TITLE	Provision of fuel to ensure transportation services associated with the response to the emergency caused by Hurricane Oscar
OBJECTIVE(S)	Support the provision of fuel to guarantee the transportation services associated with the response to the emergency caused by Hurricane Oscar from the government entities in charge of the logistics of this emergency operation, as well as the operation of the United Nations System Agencies in Cuba (4000 MT).
PEOPLE TARGETED	n/a
PROJECT DURATION	6 months
BUDGET (USD)	Total: 4,000,000 USD Mobilized: - Net Requirements: 4,000,000 USD
CONTACT INFORMATION	Etienne Labande, WFP-Cuba Representative Email: etienne.labande@wfp.org / Phone: +53 7 204 2039

HEALTH

AGENCY	PAHO/WHO – World Health Organization
PROJECT TITLE	Access to restored quality services with operational capacity in the most damaged health institutions in the seven affected provinces.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Provide essential equipment and supplies to support the rehabilitation of the functions of the health units identified in the areas affected by the disasters. • Promote actions to prevent infectious diseases and epidemiological events, as well as the attention and psycho-emotional support of the affected population. • Contribute to minimizing morbimortality caused by unsafe water consumption and poor hygiene, such as waterborne and contact diseases in health institutions.
PEOPLE TARGETED	498,713 people 995,305 people through Early Recovery
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 12 months
BUDGET (USD)	Total: 5,000,000 USD Mobilized: 395,000 USD CERF-Oscar Net Requirements: 4,605,000 USD
CONTACT INFORMATION	Dr. Mario Cruz Peñate, PAHO-WHO-Cuba Representative Email: cruzmari@paho.org

AGENCY	UNICEF - United Nations Children's Fund
PROJECT TITLE	Support for strengthening maternal and child health care in the affected municipalities of the Guantánamo, Artemisa, Mayabeque, Havana and Granma provinces.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Strengthen the capabilities of the provincial health system and the rehabilitation of the territories' essential maternal and child health services through the acquisition of critical medical equipment, drugs and supplies. • Support the prevention of community infections caused by the consumption of unsafe water, poor hygiene and the proliferation of vents in affected areas. • Promote appropriate care in the first 1000 days of life, with community participation. • Contribute to the psycho-emotional recovery of girls, boys, adolescents, pregnant women and breastfeeding mothers, as well as their families.
PEOPLE TARGETED	1,011,793 people (273,501 girls and boys, 15,075 pregnant women and 14,230 breastfeeding mothers)
PROJECT DURATION	18 months
BUDGET (USD)	TOTAL: 2,000,000 USD Mobilized: 112,900 USD Own resources and Canada Net Requirements: 1,887,100 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	UNFPA - United Nations Population Fund
PROJECT TITLE	Immediate support for the restoration of sexual and reproductive health services in the western and eastern territories of the country, affected by Hurricanes Oscar and Rafael and the earthquake in the eastern region.
OBJECTIVE(S)	<p>Contribute to the immediate revitalization of sexual and reproductive health services and the prevention and care of gender-based violence, mainly maternal health services in hospitals and health areas, family planning and STI/HIV care services and address the hygiene needs of women of reproductive age with an emphasis on pregnant women, adolescents, people with disabilities, people from the LGBTI community and older adults, from a gender and rights perspective.</p> <ul style="list-style-type: none"> • Acquisition of SRH Kits (contraceptives, medicines, equipment and supplies). • Acquisition of Hygiene Kits. • Training of health personnel for the implementation of the Minimum Emergency Services Package (MISP). • Implementation of communication and information actions that save lives, on Sexual and Reproductive Health implemented by civil society with community participation.
PEOPLE TARGETED	<p>376,970 people focusing on:</p> <ul style="list-style-type: none"> • Women of reproductive age (15 to 49 years): 116,053 • Male adolescents (10 to 19 years): 31,231 • Female adolescents (10 to 14 years old): 14,747 • Older adults (women aged 60 and over): 75,509 <p>The proposal also involves reaching people with disabilities, women with children who live alone, LGBTI people. From an intersectional approach, people who require support will be identified within these groups.</p>
PROJECT DURATION	<p>Emergency Phase 3 to 6 months Recovery Phase up to 18 months</p>
BUDGET (USD)	<p>Total: 1,400,000 USD Mobilized: 410,000 USD (CERF, own resources, Agency emergency funds) Net Requirements: 990,000 USD</p>
CONTACT INFORMATION	<p>Marisol Alfonso de Armas, Head of UNFPA-Cuba Office Email: alfonso@unfpa.org</p>

FOOD SECURITY AND NUTRITION

AGENCY	WFP - World Food Programme
PROJECT TITLE	Immediate food assistance for the population of the province of Guantánamo, with emphasis on the 4 most affected municipalities and on the prevention of malnutrition of prioritized and most vulnerable groups.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Provide immediate food assistance to the most affected communities to prevent the deterioration of food and nutritional security of populations, with emphasis on the most vulnerable. • Contribute to the prevention of micronutrient deficiency malnutrition with the distribution of nutritional supplements (micronutrient powders) to girls and boys aged 6 to 23 months. • Support food preparation in evacuation centers and community kitchens set up for food preparation in communities. • Strengthen the immediate food cooking needs of the most affected families. • Maintain the delivery of the rice, grains and oil module to people in vulnerable situations and pregnant women on a bimonthly basis.
PEOPLE TARGETED	<p>478,328 people</p> <p>1st month (immediate response):</p> <ul style="list-style-type: none"> • 478,328 people, delivery of food (rice and grains per person and oil per household) to the entire population of the Guantánamo province, as a complement to the planned government assurances. • Delivery of food (rice, grains, oil) in support of evacuation centers and other centers authorized to prepare daily rations for the most affected population (San Antonio del Sur, Imías, Baracoa and Maisí). • Immediate delivery of cooking sets for hardest-hit families who lost their livelihoods. <p>2nd month:</p> <ul style="list-style-type: none"> • 149,693 people, delivery of food (rice, grains and oil) for the entire population of the 4 most affected municipalities (San Antonio del Sur, Imías, Baracoa and Maisí) in the Province of Guantánamo. Delivery of the three products is maintained in support of evacuation centers and other centers authorized to prepare daily rations for the most affected population. <p>3rd to 6th month:</p> <ul style="list-style-type: none"> • 31,733 people, delivery of food (rice, grains and oil) to priority groups (the elderly over 65, children under 5 and pregnant women). • 20,000 people served in evacuation centers and community kitchens set up for food preparation in the communities and by Social Protection Networks (Daycare Centers, Primary Schools, Maternity Homes, Family Care Systems, Nursing Homes and Grandparents' Homes). • 5,884 children aged 12-23 months will benefit from nutritional supplements (15-microelement micronutrient powders) to cover three cycles. <p>2nd to 18th month:</p> <ul style="list-style-type: none"> • 21,638 economically vulnerable people and pregnant women in the province of Guantánamo will receive the bimonthly WFP module (rice, grains and oil) as a supplement to the government's standard family food basket. • 3,018 children aged 6-11 months will benefit from nutritional supplements (5-microelement micronutrient powders) for two cycles.
PROJECT DURATION	<p>18 months* (6 months Emergency Phase and 12 months Recovery Phase)</p> <p>*During this period, the operation is leveraged with other projects implemented by the WFP in the province of Guantánamo, connecting local food production with the supply to social protection networks, contributing to the support of these institutions and productive forms during recovery and strengthening. Likewise, a strategy coordinated with UNICEF will be implemented for the distribution of micronutrient powders, reinforcing the prevention of malnutrition and enhancing the comprehensiveness of support with a nutritional approach.</p>
BUDGET (US\$)	<p>Total: 4,953,513 USD</p> <p>Mobilized: 2,720,000 USD (IRA, CERF, Korea)*</p> <p>*To be confirmed, funding from Chile, Canada and ECHO</p> <p>Net Requirements: 2, 233, 513 USD</p>
CONTACT INFORMATION	<p>Etienne Labande, WFP-Cuba Representative</p> <p>Email: etienne.labande@wfp.org / Phone: +53 7 204 2039</p>

AGENCY	WFP - World Food Programme
PROJECT TITLE	Immediate food assistance and support in the prevention of malnutrition of priority groups for the population affected by the impact of Hurricane Rafael in the western part of the country and earthquakes in Granma province.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Provide immediate food assistance to the most affected communities to prevent the deterioration of food and nutritional security of populations, with emphasis on the most vulnerable. • Strengthen the immediate food cooking needs of the most affected families. • Support the delivery of food through prioritized social protection institutions. • Initiate the delivery of the rice, grains and oil module to people in vulnerable situations and pregnant women on a bimonthly basis in Artemisa and Mayabeque and maintain it in Granma.
TARGETED POPULATION	<p>451,828 people</p> <p>1st month (immediate response):</p> <ul style="list-style-type: none"> • 402,246 people; delivery of food (rice, grains and oil), as a complement to the government assurances planned to: • The entire population of the 9 municipalities with the highest level of impact in the province of Artemisa (Mariel; Güira; Alquizar; Artemisa; Bahia Honda; Guanajay; San Antonio) and in Mayabeque (Batabanó and Quivicán). • Prioritized groups (children under 5; pregnant women and adults over 65) of the 4 municipalities with second order of impact in Artemisa (Candelaria; Caimito; San Cristobal; Bauta) and Bejucal in the province of Mayabeque. • Vulnerable population in the province of Artemisa. • 26,828 vulnerable people, pregnant women and the population affected by the earthquake in the Granma province will receive the bimonthly WFP module (rice, grains and oil) as a supplement to the government's standard family food basket using an adaptive social protection mechanism in disaster situations. • Immediate delivery of cooking sets for hardest-hit families who lost their livelihoods. <p>2nd - 6th month:</p> <ul style="list-style-type: none"> • 76,798 people; assistance with rice, grains and oil is maintained for the priority groups (children under 5; pregnant women and adults over 65) of the 9 most affected municipalities in the province of Artemisa and Mayabeque. • Complement the feeding of 40,000 people through prioritized social protection institutions that provide food services (Daycare Centers, Primary Schools, Maternity Homes, SAF, Nursing Homes and Grandparents' Homes) in the provinces of Artemisa, Mayabeque and Havana. <p>2nd to 18th month:</p> <ul style="list-style-type: none"> • 48,488 people (vulnerable and pregnant women) will receive the bimonthly WFP module (rice, grains and oil) as a supplement to the government's standard family food basket in the provinces of Artemisa, Mayabeque and Granma. • 12,000 children aged 6-23 months will benefit from nutritional supplements (micronutrient powders) to cover two cycles within the framework of this plan of action.
PROJECT DURATION	<p>18 months* (6 months Emergency Phase and 12 months Recovery Phase)</p> <p>*During this period, the operation will be leveraged with other projects implemented by the WFP in the provinces of Artemisa, Mayabeque and Granma, connecting local food production with the supply to social protection networks, contributing to the support of these institutions and productive forms during recovery and strengthening.</p>
BUDGET (US\$)	<p>Total: 10,275,000 USD</p> <p>Mobilized: -</p> <p>Net Requirements: 10,275,000 USD</p>
CONTACT INFORMATION	<p>Etienne Labande, WFP-Cuba Representative</p> <p>Email: etienne.labande@wfp.org / Teléfono: +53 7 204 2039</p>

AGENCY	UNICEF- United Nations Children's Fund
PROJECT TITLE	Support for strengthening the nutritional status of vulnerable populations in the provinces of Artemisa, Mayabeque, Havana, Granma and Guantánamo.
OBJECTIVE(S)	<ul style="list-style-type: none"> Contribute to access to nutritional supplements for girls and boys between 24 and 59 months of age, as well as pregnant and breastfeeding women through the acquisition and distribution of Multi-Nutrient Powders and prenatal tablets in affected communities. Strengthen the capacities of the health system in the impacted territories for the surveillance of the nutritional status of pregnant women, nursing mothers and children under five years of age. Support the promotion of breastfeeding, appropriate complementary feeding practices and nutritional supplementation of girls, boys and pregnant women.
TARGETED POPULATION	120,766 people (70,834 girls and boys between 24 and 59 months of age; 49,932 pregnant women and nursing mothers).
PROJECT DURATION	18 months
BUDGET (US\$)	Total: 1,100,000 USD Mobilized: 45,400 USD Own resources Net Requirements: 1,054,600 USD
CONTACT INFORMATION	Alejandra Trossero, UNICEF-Cuba Representative Email: atrossero@unicef.org / Phone: +53 7 204 0402

AGENCY	FAO - FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
PROJECT TITLE	Early rehabilitation of the local production of short-cycle crops for the food and nutritional security of the population affected by hurricanes Oscar and Rafael in Guantánamo, Artemisa and Mayabeque.
OBJECTIVE(S)	<ul style="list-style-type: none"> Contribute to the recovery of local production of short-cycle crops (seeds, tools and agricultural inputs for the restoration of farmhouses) for the food and nutritional security of more than 489,000 inhabitants of the municipalities of San Antonio del Sur, Imías, Maisí and Baracoa in Guantánamo; Honda Bay, Mariel, Guanajay, Artemisa, Alquizar, Guira de Melena and San Antonio de los Baños in Artemisa and in Batabanó and Quivicán in Mayabeque. Support the strengthening of the capacities of producers to increase the resilience of the productive ecosystems of the affected territories on good practices and improvement of the efficient management of soils, water and energy in food production in emergency situations. Rehabilitation of the livelihoods of people in the agricultural sector affected by Hurricane Oscar in the municipalities of San Antonio del Sur, Imías, Maisí and Baracoa in Guantánamo; Honda Bay, Mariel, Guanajay, Artemisa, Alquizar, Guira de Melena and San Antonio de los Baños in Artemisa and in Batabanó and Quivicán in Mayabeque.
TARGETED POPULATION	32,283 direct beneficiaries
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 18 months
BUDGET (US\$)	Total: 1,800,000 USD Mobilized: 480,000 USD CERF, own funds Net Requirements: 1,320,000 USD
CONTACT INFORMATION	Marcelo Resende, FAO-Cuba Representative Email: marcelo.resende@fao.org / Phone: +53 7 208 6411

AGENCY	FAO - FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
PROJECT TITLE	Rehabilitation of the livelihoods of people in the agro-forestry sector affected by Hurricane Oscar in the municipalities of San Antonio del Sur, Imías, Maisí and Baracoa in Guantánamo
OBJECTIVE(S)	<ul style="list-style-type: none"> Contribute to the recovery of the livelihoods of people affected by the hurricane in the agroforestry sector. Support local measures in the agroforestry sector to provide alternative livelihoods for coffee, cocoa and coconut producers in agroforestry reforestation activities.
TARGETED POPULATION	8,861 direct beneficiaries
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 18 months
BUDGET (US\$)	TOTAL: 500,000 USD Mobilized: 50,000 USD Own resources Net Requirements: 450,000 USD
CONTACT INFORMATION	Marcelo Resende, FAO-Cuba Representative Email: marcelo.resende@fao.org / Phone: +53 7 208 6411

AGENCY	FAO - FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
PROJECT TITLE	Rehabilitation of the livelihoods of people in the livestock sector (small livestock, poultry and pigs) affected by hurricanes Oscar and Rafael in Guantánamo, Artemisa and Mayabeque.
OBJECTIVE(S)	<ul style="list-style-type: none"> Contribute to the rehabilitation of sheep and goat, poultry and porcine facilities to recover local production of animal protein for food and nutritional security in more than 489,000 inhabitants of the municipalities of San Antonio del Sur, Imías, Maisí and Baracoa in Guantánamo, Honda Bay, Mariel, Guanajay, Artemisa, Alquizar, Guira de Melena and San Antonio de los Baños in Artemisa and in Batabanó and Quivicán in Mayabeque. Support with technical assistance the increase of resilience in livestock production with a health approach in the affected territories to face future extreme events.
TARGETED POPULATION	7,196 direct beneficiaries
PROJECT DURATION	Emergency Phase 3 to 6 months Recovery Phase up to 18 months
BUDGET (US\$)	TOTAL: 1,000,000 USD Mobilized: 100,000 USD Own resources Net Requirements: 900,000 USD
CONTACT INFORMATION	Marcelo Resende, FAO-Cuba Representative Email: marcelo.resende@fao.org / Phone: +53 7 208 6411

AGENCY	FAO - FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
PROJECT TITLE	Rehabilitation of sustainable fisheries production of the population affected by Hurricane Oscar in Baracoa in Guantánamo.
OBJECTIVE(S)	<ul style="list-style-type: none"> • Contribute to the recovery of the livelihoods of workers in the fishing sector, with the rehabilitation of seafood processing capacities. • Contribute to increasing the resilience of fishery production in the Baramar UEB and private fishermen from fishing bases associated with PESCAGUAN in Baracoa.
TARGETED POPULATION	2,094 people (direct beneficiaries of the Baramar UEB and private fishermen from fishing bases associated with PESCAGUAN in Baracoa and their families)
PROJECT DURATION	18 months
BUDGET (US\$)	TOTAL: 500,000 USD Mobilized: 50,000 USD Internal resources Net Requirements: 450,000 USD
CONTACT INFORMATION	Marcelo Resende, FAO-Cuba Representative Email: marcelo.resende@fao.org / Phone: +53 7 208 6411

COORDINATION

The implementation of the projects in this Action Plan will require close coordination of the United Nations System to ensure greater complementarity and impact. Programmatic and operational coordination between the UN system agencies will be a priority, as well as resource mobilization, dialogue with other cooperation actors, and international NGOs in the country.

Coordination actions will facilitate visibility, communication, information exchange, coordinated implementation, monitoring, and accountability processes, including interagency funding requirements such as those of the CERF.

Priority activities:

- Support resource mobilization
- Ensure visibility and communication
- Strengthen the management of information regarding mobilized resources, gaps, implementation progress, results, and impact
- Ensure joint analysis and strategic guidance
- Facilitate joint actions and dialogue with national institutions in support of implementation
- Consolidate progress and results reports

The Office of the UN Resident Coordinator, together with UNETT (United Nations Emergency Technical Team), will coordinate the efforts of all agencies participating in the action plan.

UN Resident Coordinator Office

UN Office for the Coordination of Humanitarian Affairs (OCHA ROLAC)

PROJECT TITLE	Support for Coordination in the Implementation of the Action Plan.
OBJECTIVE(S)	To provide general support for the coordination and implementation of this Action Plan to maximize its impact and effectiveness on the living conditions of the most affected.
BENEFICIARIES	Total population of the Action Plan.
PARTNERS	MINCEX, United Nations Agencies, International Cooperation Actors, International NGOs.
BUDGET (\$)	Total: \$ 35,000 USD



Photo: OCHA ROLAC

**PLAN
OF ACTION
UNITED NATIONS SYSTEM
CUBA**

DISASTER RESPONSE
Hurricanes Oscar & Rafael, Earthquakes
NOVEMBER 2024

