NEED ANALYSIS

- On September 1st 2019, Hurricane Dorian hit Northern Bahamas on Abaco and Grand Bahama islands, reaching Category 5 on the Saffir-Simpson scale. It beat several historical records as the strongest Atlantic hurricane documented to directly impact a land mass.
- It is estimated that 29,472 persons and 9,000 homes were affected. Damage to the housing sector is estimated at $1.48 billion BSD, 88.9 percent of which took place on Abaco.
- The official death count is 71 casualties, with 282 persons still missing. It is estimated that 15,000 people were in need of food or shelter, with 5,000 people evacuated to Nassau, New Providence.

RESPONSE

- The response to Hurricane Dorian’s impact is led by the Government of the Bahamas, for emergency through the National Emergency Management Agency (NEMA) and in coordination with the Caribbean Disaster Emergency Management Agency (CDEMA). NEMA has established its Emergency Support Functions (ESF) humanitarian coordination structure, composed of 15 ESFs with their own lead ministries or departments to align response sectors between relevant stakeholders. Although the Inter-Agency Standing Committee (IASC) cluster approach was not officially activated, coordination between humanitarian partners was established upon the request of the Government of The Bahamas. The IFRC, on behalf of the Global Shelter Cluster, as chair of the REDLAC Shelter Working Group and on request of NEMA, has deployed a Shelter Coordination Team to support existing coordination mechanisms and Bahamas Shelter Sector (BSS).
- From December 3rd the coordination of the response was transferred from NEMA to the new Disaster Reconstruction Authority (DRA), that defined 7 recovery priorities and 11 projects, including 2 regarding shelter and housing.
- As of February 18th, it is estimated that more than 4,900 households have received emergency shelter items. Partners have ongoing and planned activities for rental assistance to more than 535 households and early recovery support through homes mucking/gutting, mould remediation, or repairs for up to 2,868 housing units.
- The Bahamas Shelter Sector partners will continue to provide shelter assistance under 3 strategic priorities (1) enabling access to temporary accommodation, (2) restoring permanent housing options, & (3) providing building back better technical assistance.
- The main priority and current focus of the response is on repairing the maximum number of houses with non-structural damage before the next hurricane season due to commence in June.

SECTOR TEAM

Bahamas Disaster Reconstruction Authority
Coordinator: Ms Katherine Forbes Smith
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Grand Bahama hub: Ms Tammi Mitchell
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International Federation of Red Cross and Red Crescent societies (IFRC),
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Lilia Blades
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Global Shelter Cluster, deputy coordinator
Pablo Medina
Pablo.medina@ifrc.org

KEY DATES

1st to 3rd September 2019: Dorian impacted Abaco and Grand Bahama for 68 hours.
9th September 2019: Counterparts formalisation in support of Emergency Support Functions. IFRC for the shelter sector and IOM for collective centres management.
3rd December 2019: Coordination of the response is transferred from NEMA to DRA.
10th February 2020: Launch of Government Small Homes Repairs Program.
20th February 2020: Phasing out of the Shelter Coordination Team deployed by IFRC
GAPS / CHALLENGES

• Some affected people from Abaco and Grand Bahama were evacuated to New Providence, with up to 2,000 sheltered in collective centers. Only few hundreds remain there, but without clear options to move back to their pre-Dorian communities.
• House reconstruction in the Bahamas can be very expensive (upwards of 70,000 USD for a small 2 bedroom house). While government and partners are starting to repair houses with minor damage, there is no current capacity identified to rebuild at scale destroyed homes or houses with structural damage.
• Due to the unprecedented scale of disaster impact for the Bahamas, building damage assessments have still to be completed and to be overlaid with social economic assessment data, in order to fully allow gap analysis for the recovery response moving forward.
• Most of the houses damaged and destruction came from non-compliance with the Bahamas building codes and from the significant tidal surge flooding. Building Back Better, technical assistance and quality control for enhanced building code compliance has to be enhanced to reinforce resilience of Bahamian affected communities in a future of more frequent climate-change induced hurricanes.

KEY DOCUMENTS

Assessment of the Effects and Impacts of Hurricane Dorian in the Bahamas
Shelter Sector Initial Strategy
Government Recovery Projects
Meeting Minutes
Bahamas building code
Bahamas Shelter Sector Technical Guidance

KEY LINKS

Bahamas Shelter Sector website
Bahamas Disaster Reconstruction Authority

KEY FIGURES

30 15K 9K
Sector Partners People in Need Homes Affected

SHELTER SECTOR PARTNERS. These governmental and humanitarian partners have responded or plan to respond to shelter needs for affected population:

Abaco Rescue Fund  Grand Bahamas Port Authority
ADRA  GER3
All Hands & Hearts  Global Empowerment Mission (GEM)
Bahamas Methodist Habitat  GlobalMedic
Bahamas Red Cross / IFRC  International Organisation for Migration (IOM)
Caritas / CRS  Lutheran World Relief
Church by the Sea  Rotary
CORE  SBP
Disaster Reconstruction Authority (DRA)  Samaritan’s Purse
Ministry of Public Works (MoPW)  Team Rubicon USA
National Emergency Management Agency (NEMA)  The Salvation Army
Department of Social Services (DoSS)  Third Wave Volunteers
Engineer Without Borders  United Nation Development Program (UNDP)
Ferreira Foundation  United Rescue Alliance
Grand Bahama Disaster Relief Foundation  World Hope International
Dorian Shelter Sector response - Summary of Completed, Ongoing & Planned Activities

This table represents 3W reported activities as of 18 February 2020, and as such figures are likely to fluctuate in future. Response options with no reported activities have not been included here.

<table>
<thead>
<tr>
<th>Strategic Objective</th>
<th>Activity</th>
<th>Total</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Enabling access to temporary shelter solutions</td>
<td>1.1 Shelter NFIs distributions (tarpaulins &amp;/or toolkits)</td>
<td>4,954</td>
<td>Households</td>
</tr>
<tr>
<td></td>
<td>1.2 Rental assistance/Host family support</td>
<td>535+</td>
<td>Households</td>
</tr>
<tr>
<td></td>
<td>1.4 Tarping roof</td>
<td>587</td>
<td>Residential Buildings</td>
</tr>
<tr>
<td>2. Restoring permanent housing options</td>
<td>2.2 Mucking and gutting</td>
<td>1,187</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.3 Mold remediation</td>
<td>1,152</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.4 Non-structural repair</td>
<td>2,301</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.5 Structural repair</td>
<td>567</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.6 Full home reconstruction</td>
<td>10</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.7 Starter resilient home</td>
<td>66</td>
<td>Housing Units</td>
</tr>
<tr>
<td>3. Providing Building Back Better/Safer (BBBS) technical assistance</td>
<td>3.3 Training on shelter-related activities</td>
<td>411</td>
<td>People</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Strategic Objective</th>
<th>Activity</th>
<th>Abaco</th>
<th>Abaco Partners</th>
<th>Grand Bahama</th>
<th>Grand Bahama Partners</th>
<th>Total</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Enabling access to temporary shelter solutions</td>
<td>1.1 Shelter NFIs distributions (tarpaulins &amp;/or toolkits)</td>
<td>2,172</td>
<td>Bahamas Red Cross / IFRC, IOM, The Salvation Army, Third Wave Volunteers</td>
<td>2,782</td>
<td>Bahamas Red Cross / IFRC, The Salvation Army, Third Wave Volunteers</td>
<td>4,954</td>
<td>Households</td>
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<tr>
<td></td>
<td>1.2 Rental assistance/Host family support</td>
<td>ongoing</td>
<td>DoSS</td>
<td>535</td>
<td>DoSS, Bahamas Red Cross / IFRC</td>
<td>535+</td>
<td>Households</td>
</tr>
<tr>
<td></td>
<td>1.3 Temporary accommodation</td>
<td>508</td>
<td>Third Wave Volunteers</td>
<td>1,544</td>
<td>Third Wave Volunteers</td>
<td>2,052</td>
<td>Households</td>
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<tr>
<td></td>
<td>1.4 Tarping roof</td>
<td>287</td>
<td>Samaritan’s Purse, Third Wave Volunteers</td>
<td>300</td>
<td>Samaritan’s Purse</td>
<td>587</td>
<td>Residential Buildings</td>
</tr>
<tr>
<td>2. Restoring permanent housing options</td>
<td>2.1 Damage assessments</td>
<td>ongoing</td>
<td>DoSS, DoPW, IFRC Shelter Coordination Team, Shelter Sector Bahamas partners</td>
<td>ongoing</td>
<td>DoSS, DoPW, IOM, BGPA, IFRC Shelter Coordination Team, Shelter Sector Bahamas partners, IFRC, The Salvation Army, Samaritan’s Purse</td>
<td>ongoing</td>
<td>Residential Buildings</td>
</tr>
<tr>
<td></td>
<td>2.2 Mucking and gutting</td>
<td>373</td>
<td>All Hands and Hearts, Bahamas Methodist Habitat, Samaritan’s Purse, Third Wave Volunteers</td>
<td>814</td>
<td>CRS / Caritas, GER3, Rotary / GlobalMedic, Samaritan’s Purse, SBP, Team Rubicon, Third Wave Volunteers</td>
<td>1,187</td>
<td>Housing Units</td>
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<tr>
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<td>2.3 Mold remediation</td>
<td>338</td>
<td>All Hands and Hearts, Bahamas Methodist Habitat, Samaritan’s Purse</td>
<td>814</td>
<td>CRS / Caritas, GER3, Rotary / GlobalMedic, Samaritan’s Purse, SBP</td>
<td>1,152</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.4 Non-structural repair</td>
<td>1,130</td>
<td>All Hands and Hearts, Bahamas Methodist Habitat, Church by the Sea, CORE (with IOM), DRA / GEM, GER3, Bahamas Red Cross / IFRC &amp; CORE, Samaritan’s Purse</td>
<td>1,171</td>
<td>ADRA, Bahamas Methodist Habitat, CRS / Caritas, GBDRF, GER3, Bahamas Red Cross / IFRC, Rotary, Samaritan’s Purse, SBP, SBP / GBDRF, URA, World Hope International</td>
<td>2,301</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.5 Structural repair</td>
<td>255</td>
<td>Samaritan’s Purse</td>
<td>312</td>
<td>CRS / Caritas, Lutheran Disaster Response, Samaritan’s Purse, SBP / GBDRF</td>
<td>567</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.6 Full home reconstruction</td>
<td>10</td>
<td>Bahamas Methodist Habitat</td>
<td>10</td>
<td>Bahamas Methodist Habitat</td>
<td>10</td>
<td>Housing Units</td>
</tr>
<tr>
<td></td>
<td>2.7 Starter resilient home</td>
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<td>Church by the Sea</td>
<td>40</td>
<td>Bahamas Methodist Habitat</td>
<td>66</td>
<td>Housing Units</td>
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<tr>
<td></td>
<td>2.9 Financial assistance for repair and reconstruction</td>
<td>ongoing</td>
<td>DRA Small Homes Repair Program (SHRP)</td>
<td>ongoing</td>
<td>DRA Small Homes Repair Program (SHRP)</td>
<td>ongoing</td>
<td>Households</td>
</tr>
<tr>
<td></td>
<td>2.11 Home assets replacement</td>
<td>18</td>
<td>Third Wave Volunteers</td>
<td>94</td>
<td>Third Wave Volunteers</td>
<td>112</td>
<td>Households</td>
</tr>
<tr>
<td>3. Providing BBBS technical assistance</td>
<td>3.3 Training on shelter-related activities</td>
<td>411</td>
<td>SBP</td>
<td>411</td>
<td>SBP</td>
<td>411</td>
<td>People</td>
</tr>
</tbody>
</table>
Partner Presence Map - Hurricane Dorian
1,385 Home Repairs - Completed, Ongoing & Planned
Abaco Island - The Bahamas
Reported as of 10 February, 2020

Church by the Sea
189 Home Repairs
North Abaco
Crown Haven
Fox Town
Mount Hope
Wood Cay
Cedar Harbour

Disaster Reconstruction Authority
With Global Empowerment Mission (materials)
256 Home Repairs
North Abaco
Cooper’s Town, Black Wood, Fire Road

GER3
10 Home Repairs
Central Abaco
Marsh Harbour

IFRC / BRC & CORE
300 Home Repairs
Central Abaco
Dundas Town, Murphy Town, Marsh Harbour, Central Pines, Spring City

CORE (With IOM)
30 Home Repairs
Central Abaco
Dundas Town, Murphy Town, Marsh Harbour, Central Pines, Spring City

All Hands & Hearts
15 Home Repairs
North & Central Abaco

Disaster Reconstruction Authority
With Global Empowerment Mission (materials)
Moore’s Island

Bahamas Methodist
Habitat
100 Home Repairs
Central Abaco

Samaritan’s Purse
230 Home Repairs
255 Home Repairs (funded by USAID)
Various Locations

The Partner Presence Map refers to those shelter sector partners who have indicated their intention to carry out non-structural and/or structural home repair activities in Abaco. Assistance packages vary per organization. The figures represent completed, ongoing & planned activities and might evolve as implementation is carried out. This map is informed by information provided by partners to support collective planning, and should not be published in external media without the consent of the Disaster Reconstruction Authority.
On 13th February, Grand Bahama Port Authority (GBPA) called a Contractors Workshop which was attended by 35 contractors working in Freeport and surrounding Grand Bahama, 10 humanitarian agency staff, 5 GBPA building department staff, and the IFRC Shelter Sector coordination team. The GBPA Buildings Manager presented the GBPA Building Back Better (BBB) guidance version 1.0, and the Shelter Sector Technical Coordinator facilitated a 1 hour workshop to discuss the interim BBB messages produced by the sector. The purpose of this was for the Contractors to engage with the material, and identify the BBB suggested measures that would be impactful, and can be undertaken with ease and affordability. The discussion led to some new ideas, broadly validated the partners ranking of the messages, and sparked significant interest in BBB measures.
Bahamas  February 2020

DISASTER RECONSTRUCTION AUTHORITY – SMALL HOME REPAIR PROGRAM (SHRP)

- Hurricane Dorian devastated parts of Abaco and Grand Bahama in September 2019. The Disaster Reconstruction Authority (DRA), established in the Bahamas under the Disaster Reconstruction Act 2019, designed The Small Home Repair Program (SHRP) to facilitate the reconstruction and restoration of these areas. The program allows qualifying Bahamian homeowners to use purchase orders to obtain materials and other items related to home restoration.

- The criteria for participating in the SHRP is as follows:
  - Is a citizen of The Commonwealth of The Bahamas.
  - Owns the property.
  - Lived at the damaged property on August 31st; confirmed by utility bill or other acceptable verification.
  - Did not have insurance for the damage to the property.
  - Property must be located on Grand Bahama, Abaco and the associated cays.
  - The assistance can be for labour, material or both; based on Ministry of Public Works, or Grand Bahama Port Authority.
  - Only Authority approved vendors for materials.
  - Tradesmen used for repairs would need to be approved under the program.

- There are four categories for which purchase orders will be granted. Residents whose homes were assessed with minimal damage will be eligible for $2,500 in purchase orders; those with medium damage will be eligible for $5,000 in purchase orders; those with major damage will be eligible for $7,500 in purchase orders; and those whose homes were destroyed will be eligible for $10,000 in purchase orders.

- The Authority will initially disburse 50 percent of the purchase orders to qualifying applicants. An inspector will then check and ensure the purchase order was spent on the home. Once that is confirmed the remaining 50 percent would be disbursed.

- The office was opened in Grand Bahama on February 10th, in Abaco on February 17th, and Nassau on February 24th.

- As per February 25th, already 2,589 users were registered through the online platform.