WFP Engineering Exhibition

Exhibition on the margins of the Second Regular Session of the Executive Board

26–29 November 2018

Red Café foyer and garden area, WFP Headquarters

Context

A key aspect of the World Food Programme's (WFP) work is to build stronger, resilient communities through an integrated development-humanitarian approach (humanitarian-development nexus). Infrastructure is an important factor in the fight to end global hunger. When properly implemented, infrastructure can save lives and protect livelihoods, speed recovery following a disaster, and enable communities to meet their own food and nutrition needs. Infrastructure contributes to food security by connecting communities to markets, providing access, and lowering the risk of food shocks.

In this vein, WFP Engineering, has been delivering key transport infrastructure such as roads and bridges to provide access to markets to communities as well as facilitation of delivery of food and living essentials to the communities. In addition, in support of the goal to achieve zero hunger, WFP Engineering has been delivering school kitchens and classrooms, warehouses and logistics hubs.

WFP operates in some of the most challenging and remote locations around the world but reaching those in need of assistance continues to become easier thanks to WFP's engineering capacity. WFP Engineering has undertaken projects to strengthen countries' infrastructure and improve WFP's global facilities in collaboration with Facilities Management Branch (RMMI) experts including construction and rehabilitation of new and existing office and accommodation facilities.

In emergencies, WFP is often one of the most significant actors, and leverages its expertise in engineering to assist affected populations by helping communities connect to food supplies and recover quickly following a disaster. In the context of humanitarian-emergency responses, WFP Engineering is able to quickly deploy engineers to conduct safety assessments, establish the necessary access infrastructure, and provide bespoke solutions as required by the emergency, such as the recent Cox's Bazar emergency response, construction of Ebola Treatment Units in West Africa or temporary medical clinics in Nepal following the 2015 earthquakes.

WFP Engineering is increasingly called upon to respond to infrastructure demands in high-level crises in support of the organization's corporate priority – Leadership in Emergencies. Technical expertise and support from headquarters (HQ) is essential to ensure projects to build bridges, airstrips, warehouses and roads go smoothly, even under challenging physical and environmental conditions.

Objectives

- Raise the profile of WFP Engineering and RMMI with focus on emergencies, operations and development;
- Promote awareness among the membership, management and staff about WFP Engineering achievements, innovations and successes;
- Highlight WFP Engineering's global partnerships with governments, other United Nations agencies and the private sector;
- Inspire further action by WFP country operations and in HQ by demonstrating what is possible, even in very challenging conditions;
- Highlight the synergy between the various units of RMMI (Engineering, space management, facilities).

Format

WFP Engineering will highlight successes to date and areas for future focus, drawn from every sphere of WFP's activities across the globe and work with our key partners: Office of the **United Nations High Commissioner for Refugees (**UNHCR), International Organization for Migration (IOM), World Health Organization (WHO), United Nations International Children's Fund (UNICEF) and International Humanitarian Partnerships (IHP)

Displays

- Big screens demonstrating current ongoing projects and emergencies
- Images and factoids from the WFP Engineering responses across the globe with focus on emergencies
- 'We are WFP Engineering' video to be played on iPads
- Model displays showcasing modular bridges, humanitarian camps, multipurpose structures, grain reserves, school kitchens and energy efficient power supply

Interactive activities (things to touch and try)

- Modular steel bridges:
    - bridge installation (Length 5.412 m, Width 3.471m, Height 2.395 m,) with three steps on either side and WFP branding
    - Large scale model Length 4.5 m, Width 0.81m with ramp
- Multipurpose structures:
    - 9.3 x 4.57m with double doors on one end, a personnel door on the other and roof lights
    - Small model 2.2 x 1.7m
- Humanitarian light base camp by IHP
- Grain reserve (silo), 5.7m Height and 4.63m diameter) with photo display of engineering activities related to Djibouti Silo project
- School kitchen model with Everblock
- Energy server and storage and mini solar panels set up to power some of the displays

Agenda

The Exhibition will be running during the length of the Executive Board from 26 to 29 November 2018.