

Application: 5177

Humanitarian Logistics Databank

Page: General Information

Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.

Name of Organization/Company

Dubai Humanitarian

Additional Contacts

I do not wish to list additional contacts

Page: Entry Information

Entry Title

Humanitarian Logistics Databank

Category

H04. Technology Breakthrough of the Year - Business Technology

Technology Breakthrough of the Year Submission Format

Written Answers

a. Briefly describe the organization that achieved the nominated technology breakthrough: its history and past performance (up to 200 words). Required

Dubai Humanitarian was founded in 2003 by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, with a view to create a global humanitarian hub in preparedness and response to world crises. Dubai Humanitarian is 1 out of the 11 humanitarian hubs in the world that responds to crises.

As the only non-profit, independent humanitarian free-zone authority in the world, DXB-H hosts a community of 80 members, including UN organizations, non-profits, non-governmental organizations, and commercial companies.

Over 20 years, DXB-H has been pivotal in delivering aid and serving populations affected by war and conflict, displacement, natural disasters, and pandemics, significantly contributing to the preservation of lives globally. Their Task Force has supported crises in countries including Palestine, Yemen, Libya, Syria, Afghanistan, and Haiti, and played a key role in the Turkey-Syria earthquake and the COVID-19 pandemic.

Notably, 60-70% of global humanitarian aid is stored in DXB-H's warehouse. During COVID-19, most of WHO's emergency response operated from DXB-H's facility, including the rapid establishment of a cold chain facility for medical supplies: The facility supported the delivery of health supplies to 141 countries across all 6 WHO geographic regions during the pandemic.

b. Outline the nominated technology breakthrough. Be sure to describe it in terms that someone with limited knowledge of the technology can understand and appreciate (up to 250 words). Required

Dubai Humanitarian believes that humanitarian work can never be done in silos. To this end, they created a first-of-its-kind digital platform called the Humanitarian Logistics Databank (Reference Webpage Link: 1).

This digital platform delivers and connects real-time information about life-saving aid available in global humanitarian hubs located in Dubai, Italy and Panama (The first three markets to be interconnected on the network as of July 2024) enhancing emergency response efficiency. It enables affected vulnerable communities to locate the required aid quickly, significantly reducing planning and response time (Reference Webpage Link: 3).

Sharing information about humanitarian aid during a crisis remains a challenge in the humanitarian sector due to varying national policies, customs, warehouse management standards. The Databank addresses this by creating a database of available aid with unified Harmonized System (HS) Codes and warehousing standards making distributing information among logistics agents simple, while also streamlining the data collection process, which was previously done manually and required many man hours impeding immediate relief response.

Before the launch of the Databank, there was no global solution dedicated to emergency preparedness and response that processes information on aid and humanitarian assets both locally and internationally.

As of July 22, 2024, the Databank, shows ready to dispatch aid stocks worth USD 219 million of which USD 202 million is available in Dubai, USD6.3 million in Panama and USD 10 million in Italy. (See attached screenshots). The aid spans over health, logistics, shelter, emergency telecommunications, protection gear, water and sanitation, education, and food security.

c. Explain why the technology breakthrough you have highlighted is unique or significant (up to 250 words). Required

Before the Databank, countries in need of aid reached out to humanitarian organizations manually, which took 7-to-10 days to collect information about available stocks - causing severe disruption in response time.

During the Database's development phase, DXB-H found that digital maturity varied among Customs and humanitarian organizations, making processes manual, slow and inefficient. Moreover, organizations used independent agencies for customs clearance, resulting in inconsistent application of global customs codes, inadequate shipment details, and varied stock classifications, which added to the delays.

Solutions implemented:

- DXB-H took all the 1500 items used in humanitarian aid and organized them into a single, standardized list approved by the World Customs Organization known as the "Item Master." Each item was identified and described accurately by removing duplicates, errors, and ensuring consistency in data.

- By creating unique item keys, they made it possible for Customs and other organizations to easily recognize and process these items-streamlining customs procedures and ensuring that everyone's using the same terminology and codes.

- Integration with customs systems in various countries, ensuring accurate customs declarations and smoother, faster humanitarian operations – which had never been established before.

- Collaboration with nybl introduced AI tools to analyze data and track the carbon footprint of aid delivery, promoting more sustainable humanitarian supply chain.

DXB-H is working to connect all 11 global hubs to the Database. Once connected, this network will create a global safety net and revolutionize humanitarian aid delivery worldwide. With all hubs synchronized, aid can be mobilized to ensure resources reach those in need faster.

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

Website: <https://dubaihumanitarian.ae/databank/>

Sustainable Humanitarian Supply Chain: <https://www.youtube.com/watch?v=rhs3xDnzll8>

Video on the Databank: <https://www.youtube.com/watch?v=Km49ztHCV9I>

Webpage Link

<https://dubaihumanitarian.ae/databank/> (<https://dubaihumanitarian.ae/databank/>)

Would you like to add an additional webpage link?

Yes

Webpage Link 2

<https://www.youtube.com/watch?v=rhs3xDnzll8> (<https://www.youtube.com/watch?v=rhs3xDnzll8>)

Would you like to add an additional webpage link?

Yes

Webpage Link 3

<https://www.youtube.com/watch?v=Km49ztHCV9I> (<https://www.youtube.com/watch?v=Km49ztHCV9I>)

Would you like to add an additional webpage link?

Yes

Web Page Link 4

https://www.khaleejtimes.com/uae/dubai-new-platform-helps-disaster-affected-countries-find-aid-within-minutes?_refresh=true (https://www.khaleejtimes.com/uae/dubai-new-platform-helps-disaster-affected-countries-find-aid-within-minutes?_refresh=true)

Would you like to add an additional webpage link?

Yes

Web Page Link 5

<https://www.thenationalnews.com/news/uae/2024/07/22/dubai-humanitarian-hub-praised-by-who-for-aid-efforts-in-gaza-and-sudan/> (<https://www.thenationalnews.com/news/uae/2024/07/22/dubai-humanitarian-hub-praised-by-who-for-aid-efforts-in-gaza-and-sudan/>)

Would you like to add an additional webpage link?

Yes

Web Page Link 6

<https://www.emro.who.int/media/news/who-and-dubais-international-humanitarian-city-to-send-life-saving-health-supplies-to-gaza-strip.html> (<https://www.emro.who.int/media/news/who-and-dubais-international-humanitarian-city-to-send-life-saving-health-supplies-to-gaza-strip.html>)

Would you like to add an additional webpage link?

No

Supporting Document

Download File (https://stevies-tech.secure-platform.com/file/68160/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjo2ODE2MCwiYWxsbn3dOb3RTaWduZWRVcmwiOiJGYWxzZSI6ImInbm9AdN6AVkT2rd9vnkdL01N6WI_mVhvmqo?Italy%20Stocks-Humanitarian%20Logistics%20Databank.png)

Would you like to add an additional supporting document?

Yes

Supporting Document 2

Download File (<https://stevies-tech.secure-platform.com/file/68161/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjo2ODE2MSwiYWxsbn3dOb3RTaWduZWRVcmwiOiJGYWxzZSI6ImInbm9AKpXhs8oGbPIO7AssM5s?Dubai%20Stocks-Humanitarian%20Logistics%20Databank.png>)

Would you like to add an additional supporting document?

Yes

Supporting Document 3

Download File (<https://stevies-tech.secure-platform.com/file/68162/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjo2ODE2MiwiYWxsbn3dOb3RTaWduZWRVcmwiOiJGYWxzZSI6ImInbm9jD2VfBG8LNjnrZHwV4205t8oM1BUfVHvu0RGulgkaA?Panama%20Stocks-Humanitarian%20Logistics%20Databank.png>)

Would you like to add an additional supporting document?

No

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