Frontline Humanitarian Logistics
Global Logistics Cluster Meeting
October 2021
General Marketplace
Outcome: Expand the Common Data Model with a data standard for “Frontline” Humanitarian Logistics.

Autumn 2019

NetHope work on NGO Reference Model ‘discovers’ Humanitarian Logistics as a functional area requiring (part) tailored application solution.
Embed the Frontline Humanitarian Logistics data standard into digital products designed for the humanitarian sector, to leverage technology that is interoperable and enables more efficient and effective programme delivery.
A Data Standard is an agreed reference for data entities and groups in a (work) process. It is also a building block for any software application and an important pre-requisite for interoperability of systems. It is NOT a software platform.
Why?

Improve interoperability inside and outside the organisation

Reduce barriers to entry for use of IT in Supply Chain (cost & time)

Strengthen local control over resources
Phase 1

• Brought together 25 INGOs in a learning exercise aimed to establish current state of affairs in SCM-IT: achievements, challenges, common interests.

Phase 2

• 17 INGOs & 4 global tech companies, supported by Hanken HUMLOG institute, EY and MyProteus, convened by NetHope, built the first iteration of the Humanitarian Logistics Data Standard.
Who?

Convened by:

NGO subject matter experts:

Technology partners:

Academic partner:

Delivery partners:
What does it look like?

Level 1: Process

Level 2: Sub Process

Level 3: Tasks
Data standard example

Level 1 Process

Panel: Plan Warehousing
Panel: Reception
Panel: Change Item Packaging Type
Panel: Stock Transfer
Panel: Outgoing Goods
Panel: Stock Count
Panel: Disposals Management

Level 2 Sub-Process/Data Groups

Panel: Site/Field locations
Panel: Location/Address Data
Panel: Loads
Panel: Containers
Panel: Item Master Data

Level 3 Task/Data Entities

Panel: Shipping Documents
Panel: Picking Documents
Panel: Inventory Count Data
Panel: Inventory Count Sheet
What have we been doing?

**Community calls**
- Updates
- Deep dives e.g. item master journey

**Tech partner calls**
- Mapping the standard
- Antitrust and IP discussions

**Workshop**
- Refocusing on next steps
- Fundable packages for projects
Phase 3 Workshop

w/c 27th Sep

Workshop 1
- Stakeholder Mapping
- Abstraction Laddering
- Experience Diagram etc.

Workshop 2
- Affinity Clustering
- Creative Matrix
- Importance/ Difficulty Matrix etc.

Workshop 3
- Confirmation
- Endorsements
- Senior sign-offs

Write up ideas
(timing TBC 1-2 wks)

Write-up(s)
(Core team + volunteers)

Oct timing TBC
Workshop 1

- Building/ exploring common understanding
- Zooming in on core challenge areas
Workshop 2

Prioritization

Let's identify the importance and difficulty level of our ideas.

- Joint Procurement
- Extend the standard
- NGO APIs
- Case Studies
- Map to standards
- User Stories
- NGO Collaborations
- NGO Guide
- Increase TAM

Low Hanging Fruits

Luxury

Strategic

Highest ROI

Frontline Humanitarian Logistics
Workshop 3 – to come

• Aim to build 2-3 funding work packages (Concept posters)
  • Longer term, bigger picture vs short term, quick win’s
  • Who’s involved + how
  • Endorsement of funding work packages
  • Stress test – difficulty / fundability / doability / predictability
What’s next?

Next 3 months:

• Finalising funding proposals to put us on the road to outcomes
• Creating bridges between existing projects & initiatives e.g. ESUPS
• Looking for external review to stress test ideas and bring a critical eye to the project.
Questions?

How to engage

- Data Standard available through Nethope
  https://solutionscenter.nethope.org/resources/initiatives/frontline-humanitarian-logistics
- Advisory group Chair – Mary Jelliti, mjelliti@goal.ie