Oxfam

Lessons Learnt:
The Journey of HELIOS Collaborative Development and the Need for Agreed Sector Standards

Martijn Blansjaar
Head of Supply & Logistics

mblansjaar@oxfam.org.uk
info@helios-foundation.org

www.oxfam.org.uk
Introduction

• Information about HELIOS:
  www.helios-foundation.org
  info@helios-foundation.org

• Information about HELIOS in Oxfam:
  Martijn (me):
  mblansjaar@oxfam.org.uk
  Jai (Business Developer):
  jjayaraman@oxfam.org.uk
DEVELOPING HELIOS FOR THE SECTOR

• Led by the Fritz Institute – based on bespoke product for IFRC, functional design of MSF ‘Logistix’ and remodelled for the needs of the humanitarian and development sector

• Software developed through extensive consultations with NGO logisticians and supply chain professionals

• The project demonstrates that the requirements of sector agencies are sector specific but otherwise 70% identical

• IP transferred to Helios Foundation and release under open source licence in 2010
HELIOS BEGINS TO STANDARDISE OXFAM’S SUPPLY CHAIN ACTIVITY

- Piloted 2009
- Deployments started 2010
- 14 countries so far
- Over 800 users

- £3 million saved - breakeven 2016
- Total spend through HELIOS since 2010: £39,875,575
CROSS-AGENCY INFORMATION SHARING

• 2011: CBHA Trial with five agencies

• Objectives met: Agencies have a better understanding of the steps and challenges of implementing a supply chain system

• A data sharing platform for stock and pipeline data is developed and tested

• Materials made available to the humanitarian community
IMAGINE HAVING DATA THAT LEADS TO BETTER MANAGEMENT

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Item Description</th>
<th>UOM</th>
<th>Total SP Qty.</th>
<th>Total Ordered Qty.</th>
<th>Total Received Qty.</th>
<th>Available Qty.</th>
<th>Stock Adjustment/Disposal (+/-)</th>
<th>Total Issued Qty.</th>
<th>Total Used Qty.</th>
<th>Consumption (% Issued vs Plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00009</td>
<td>Memory stick, USB, 4GB</td>
<td>EA</td>
<td>6.00</td>
<td>6.00</td>
<td>6.00</td>
<td>3.00</td>
<td>-1.00</td>
<td>2.00</td>
<td>0.00</td>
<td>33.33 %</td>
</tr>
<tr>
<td>00108</td>
<td>Accommodation</td>
<td>Night</td>
<td>205.00</td>
<td>145.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00109</td>
<td>Flight, International, Return</td>
<td>EA</td>
<td>1.00</td>
<td>1.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00115</td>
<td>Construction service, Storage tank &amp; water stand post</td>
<td>EA</td>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00155</td>
<td>Maintenance service, Vehicle</td>
<td>EA</td>
<td>13.00</td>
<td>12.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00188</td>
<td>Paper, Printer/Copier, A4</td>
<td>REAM</td>
<td>30.00</td>
<td>30.00</td>
<td>30.00</td>
<td>0.00</td>
<td>0.00</td>
<td>18.00</td>
<td>0.00</td>
<td>60.00 %</td>
</tr>
<tr>
<td>00259</td>
<td>Fuel, Diesel</td>
<td>L</td>
<td>12,600.00</td>
<td>12,110.00</td>
<td>13,040.00</td>
<td>220.00</td>
<td>0.00</td>
<td>12,560.00</td>
<td>0.00</td>
<td>99.68 %</td>
</tr>
<tr>
<td>00411</td>
<td>Battery, Laptop, IBM, Lenovo T400</td>
<td>EA</td>
<td>5.00</td>
<td>3.00</td>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>2.00</td>
<td>0.00</td>
<td>40.00 %</td>
</tr>
<tr>
<td>00565</td>
<td>Installation service, Plumbing</td>
<td>EA</td>
<td>16.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00584</td>
<td>Flow meter, Water, 1&quot;</td>
<td>EA</td>
<td>4.00</td>
<td>4.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00874</td>
<td>Transport service</td>
<td>TRIP</td>
<td>1.00</td>
<td>1.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00 %</td>
</tr>
<tr>
<td>00898</td>
<td>Banner, Printed, 2m x 1m</td>
<td>EA</td>
<td>8.00</td>
<td>2.00</td>
<td>2.00</td>
<td>0.00</td>
<td>0.00</td>
<td>2.00</td>
<td>0.00</td>
<td>25.00 %</td>
</tr>
<tr>
<td>00834</td>
<td>Pipe, 110mm OD, uPVC, 9 Bar (Class C), 6m length</td>
<td>EA</td>
<td>18.00</td>
<td>18.00</td>
<td>18.00</td>
<td>0.00</td>
<td>0.00</td>
<td>18.00</td>
<td>0.00</td>
<td>100.00 %</td>
</tr>
<tr>
<td>01062</td>
<td>Water meter, Bulk/Flow, DN 150mm</td>
<td>EA</td>
<td>4.00</td>
<td>4.00</td>
<td>4.00</td>
<td>1.00</td>
<td>0.00</td>
<td>3.00</td>
<td>0.00</td>
<td>75.00 %</td>
</tr>
</tbody>
</table>
WHY ISN’T EVERYONE ON HELIOS?

- Not invented here
- Financial barriers
- Project fear/ lack of expertise
- Where to get support, product upgrades, business integration
- SCM/ Logistics not organisational priority
NOW IS THE TIME TO AGREE STANDARDS

• Our sector needs differ from the needs of other industries yet we have no agreed standards or reference model

• Focused development for an industry framework is needed:
  • Common Processes
  • Standard Data Classification

• The sector is too small to attract commercial interest
  • We can do concept development but can not bring concepts to scale

• Collaboration is a must to achieve benefits
  • Too much duplication of effort across the sector
Thanks for listening

• Information about HELIOS:
  www.helios-foundation.org
  info@helios-foundation.org

• Information about HELIOS in Oxfam:
  Martijn (me):
  mblansjaar@oxfam.org.uk
  Jai (Business Developer):
  jjayaraman@oxfam.org.uk