Living on the Edge

How can improved supply chains support people in need?

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Living on the Edge

The world’s poor living on less than 2 $ a day. In the period 1993-2002, on average 62,000 people were killed and 250 million were affected by disasters

More specifically:

- In 2002 alone, 22 million refugees and 25 million IDPs caused by conflict and the breakdown of governance systems

- In 2004, medium and low HDI countries in which 11% of the world’s population is exposed to natural hazards and account for 53% of disaster deaths.

- In 2008, 800 million people living in hunger plus 100 million more became food insecure due to global food price crisis.
  - 6.4 million in Ethiopia
  - 3 million in Somalia
  - 3-5 million in Afghanistan
Living on the Edge: Trends

Increased number of disasters affecting more people per occurrence. Relief efforts have to adapt more streamlined strategies that deploy greater levels of aid in a shorter window and far more efficiently than ever thought possible.

Living on the Edge: Some ways to address this?

A number of ways:

- Collaborative partnerships with academia and private sector, i.e., supply chain management

- Appropriate relief and development programs that tackle underlying issues not just symptoms

- Long term perspectives

- Sustained support and commitment to the most vulnerable
Supply Chain Challenges

- Inconsistent processes and systems
- Lack of supply chain visibility
- Inadequate monitoring and oversight
- Decentralized ad-hoc operations
- Inconsistent timeliness and quality of emergency response
- Costly emergency response
- Fragmented industry which affects quality of response
CARE’s Supply Chain Vision

- Integrated Supply Chain Management globally
- Global standardization; processes, procedures and support systems
- Global commodity visibility
- Key partnerships established
  - (Georgia Tech and UPS)
- Funding:
  - Relief supply prepositioning
  - Global sourcing
  - Collaborative efforts
How is CARE implementing it?

- Support from Georgia Tech and UPS
- Defining very strategic projects to improve supply chains globally
- Partnering with corporations to secure supplies’ donations
- Deploying globally compatible business solutions
Solutions developed so far

- Commodity visibility & accountability tools
  - Aidmatrix commodity tracking and inventory tool
  - Procurement solution to source globally or locally
  - Demand forecasting tool for disasters
GT – UPS – CARE Partnership

- 4 year relationship
- Relief supply prepositioning strategy
- Current Ph. D. student engagement
- Students’ competition for CARE projects
- Professors available for guidance

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