Innovation: more than a buzzword
Innovating to Create Impact

Bringing ideas to the field

Product Innovation is about procurement of fit for purpose and value for money supplies that have impact on our programmes and emergencies.
Supply Division’s work is a direct input to development programmes and emergency response
2013: $2.839 billion in supplies and services

- Vaccines: $1,286
- Pharmaceuticals: $197
- Nutrition: $166
- Medical supplies and equipment: $111
- International freight: $101
- Bed nets: $91
- Construction: $70
- Water & Sanitation: $91
- Education Supplies: $57
- Printing: $42

Approximately $1.363 billion funded via Procurement Services (procurement on behalf of governments and other partners)
## The scope of Product Innovation

### The purpose of Product Innovation

To **enable procurement centers** to procure new innovative products, by **motivating companies, NGOs or academia** to develop the desired products

### The definition of a Product Innovation Project (PIP)

A project aimed at developing a new or improved product, **where UNICEF has a role in the development** in terms of actual development or field trials
Evolution of the Innovation Garden

Stage 1 Letting a thousand flowers bloom

Stage 2 Pruning and weeding

Stage 3 Nursing and landscaping
Two Streamed Approach

Nursing the promising plants

Move projects forward, focusing on creating impact on our Programmes and Emergencies.

Key priorities, new innovative solutions within:
- Diagnostics
- Water and sanitation
- Education
- Nutrition
- Essential health supplies
- Vaccines
- Supply systems

Landscaping to improve the growing conditions

Efforts aimed at building an enabling environment for product innovation within UNICEF, ensuring efficient use of resources.

Key priorities, ability to:
- Scope projects
- Do innovation project management
- Carry out field trials
- Launch innovative products to enable demand
# UNICEF Supply Division Product Innovation Pipeline

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<td>Heavy analysis of concepts &amp; testing against users</td>
<td>Automatic Chlorine Generator</td>
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<td>Menstrual Hygiene Management</td>
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The treatment, care and support of children often require measurement of their weight. In emergencies or resource-constrained settings, however, measuring weight with calibrated scales may be impossible or impractical.

The Children of Mercy Hospital have developed an accurate, cheap, simple and innovative method of estimating the weight of a child: The Mercy Tape. SD’s MNC team are working with the developer, PD and CO’s to conduct in-country user feedback with different user groups to assess use in UNICEF’s programmes.
Product Innovations: School Furniture Design

- Local manufacture
- Local procurement
- Flexible and comfortable

- Student centered not teacher centered
- Fit for purpose
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- conduct field trials
- launch innovative products to enable demand
Network of UNICEF Innovation Labs

- San Francisco, USA
- Copenhagen, Denmark
- Santiago, Chile
- Pristina, Kosovo
- Yerevan, Armenia
- Beirut, Lebanon
- Kabul, Afghanistan
- Jakarta, Indonesia
- Khartoum, Sudan
- Juba, South Sudan
- Kampala, Uganda
- Bujumbura, Burundi
- Nairobi, Kenya
- Lusaka, Zambia
Process for Innovation

Phase 0: Explore
Desk research & light user analysis

Phase 1: Concept
Heavy analysis of concepts & testing against users

Phase 2: Field trial
Physical prototype development and field trial

Phase 3: Scale up
Procurement and closely monitored implementation
Interface

- Discovery of **user driven** challenges and insights.
- **Cross-divisional** collaboration.
- Interagency **storytelling**.
- Working with **suppliers** to deliver fit for purpose solutions.
- Creating the right **partnerships** for the right projects.
Making impact whilst we are here

If the pneumonia diagnosis tool will help some of the 1.1 millions children…

If the ORS and Zinc product will help some of the 800 000 children…

If our new school furniture will improve the ability to learn…
Thank you

For more information check out:

www.UNICEFinnovation.org

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Critical Success Factors

Purpose

Fundamental rationale: Cost vs Impact

User Interface

Process for Innovation

Human Drivers
Crowdsourcing: www.unicefinnovation.org

A communication tool to share UNICEF’s global innovation projects, challenges and case studies to both internal and external audiences.