Innovation for Zero Hunger

WFP Executive Board
Second Regular Session
November 2017

ACHIEVEMENTS, CHALLENGES AND LESSONS LEARNED FROM THE WFP INNOVATION ACCELERATOR AND 33 SUPPORTED PROJECTS

14 November 2017 | 13.00 - 14.45
Aula Delegatis, WFP Headquarters

Hosted by:

Permanent Representation of the Federal Republic of Germany to the International Organizations in Rome
WELCOME

H.E. Ambassador Dr. Hinrich Thölken
Permanent Representative of the Federal Republic of Germany to the International Organizations in Rome

Mr. David Beasley
Executive Director, WFP

Mr. Robert Opp
Director of Innovation and Change Management, WFP
Innovation for Zero Hunger

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BUILDING BLOCKS

How WFP leverages blockchain technology to enhance cash-based transfers.

Mr. Rob Van der Zee
Deputy Director, Finance and Treasury Division

Mr. Mageed Yahia
Country Director, Jordan
2017 cash and vouchers >US$1 billion (YTD)
14.3 million people in 56 countries.
Why Building Blocks:

- Fees
- Financial risk
- Privacy
- Reliance on vendor data
- Coordination
Pilot
Azraq Camp, Jordan

Through CBT fees saved, Building Blocks will pay for itself within 1 year.

- 10,500 beneficiaries served
- No funds advanced to FSPs
- No beneficiary data shared
- 98% reduction in bank fees
- Reconciliation based on WFP data
- Beneficiary experience remains the same
Over 1.6m US$ through 140+k transactions
Building Blocks: Timeline

Milestones and Next Steps

January
Pakistan Proof of Concept
97 people – 3 days

May
Jordan E-Voucher Pilot
10.5K people - ongoing

October
Unrestricted cash pilot in Jordan, scale E-Vouchers

2018
Scale to new countries and inter-organizational pilot
BUILDING BLOCKS

For more information, contact global.innovation@wfp.org
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Q & A
Go to Sli.do with #Q412
TECH FOR FOOD

Food security through digital livelihoods
5 Mio. refugees STUCK without opportunities
We jump-start digital careers
Our impact

1,000 Trainings

3,000 People

>60% Women

5x to 10x Income Increase
Who we work with

- WFP
- NGOs
- Academic Institutions
- NGOs
- Private Companies
- Start-Ups
100,000 people out of hunger in the next 5 years.
Join us
innovation.wfp.org/project/tech-food

Spread the word

Start a new campus

Become a mentor
Innovation for Zero Hunger

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Q & A

Go to Sli.do with #Q412
Hydroponics
Improving Nutrition and Building Resilience

Mr. Romain Sirois
Country Director, Algeria

Ms. Nina Schroeder
Project Manager Hydroponics, Innovation Accelerator
PROBLEM
HYDROPONICS

90% LESS WATER

ZERO SOIL NEEDED
IMPROVING FOOD-SECURITY FOR REFUGEES IN THE DESERT
SUSTAINABLE LIVELIHOODS
FIRST RESULTS

milk production cl

250% more milk
SELF-RELIANCE
SUSTAINABILITY

HIGH TECH UNIT

40 000$

LOCAL UNIT

3 500$
OPERATING SINCE MARCH 2017

500 PEOPLE
Join the Hydro movement!

Get in touch: Nina.Schroeder@wfp.org
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Q & A

Go to Sli.do with #Q412
Panel: How Innovation Drives #ZeroHunger

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Panel: How Innovation Drives #ZeroHunger

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Permanent Representative of the Federal Republic of Germany to the International Organizations in Rome

Mr. Robert Opp
Director of Innovation and Change Management, WFP

Ms. Enrica Porcari
CIO and Director, Information Technology Division, WFP

Mr. Dominik Heinrich
Country Director, Lebanon, WFP

Moderator
Mr. Bernhard Kowatsch
Head of the Innovation Accelerator, WFP
Mapping the Future of Innovation at WFP

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#WFPInnovation
How to contact us

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Reception & Networking
Innovation for Zero Hunger

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WE HAVE MADE PROGRESS, BUT MORE IS REQUIRED TO END HUNGER BY 2030

1990: 1.0 bn
2017: 815 m
2030: ?
ZERO HUNGER ACCELERATION FUND

SPRINT PROGRAMME

INNOVATION BOOTCAMPs

INNOVATION CHALLENGES

THOUGHT LEadership
30+ PROJECTS SUPPORTED IN THE LAST TWO YEARS

- ShareTheMeal
- MAPs
- PRISM
- Post-harvest losses
- Green Box toolkit
- Box-in-a-box
- Smart energy in the last mile
- Tech for Food
- Beneficiaries Voices
- Blockchain
- Artificial Intelligence and UAVs
- Hydroponic Food Computers
- PRISM
- AgriUp
- Farm to Market Alliance
- Automated satellite monitoring
- Rice fortification
- Hydroponics
- Story-tellers
- NavigAID
- mobileVAM CDR
- MAPs
- Nutrifami
- Pasteurisation
- Maano-Virtual farmers market
- Sustainable school meals
- Cargo on demand
- Farm From a Box
- Coldhubs
- Transformers
- Self-driving trucks
- Smart school meals
- Transformers
- Post-harvest losses
- MobileVAM CDR
- NavigAID
- 30+ PROJECTS SUPPORTED IN THE LAST TWO YEARS