Working Session
Water, Sanitation and Hygiene

SPEAKER:
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Vestergaard – Winner of the 2012 GBCHealth Award
About Vestergaard

Founded in 1957, Vestergaard first manufactured service uniforms in Europe.

Vestergaard is now an international company that operates on the humanitarian entrepreneurship model. We believe that doing good is good business.

All our products have a disease control textile core and are sustainable solutions to prevent vector-borne and waterborne diseases in vulnerable humans and animals.

Our commitment to the United Nations Millennium Development Goals drives our business objectives and provides the impetus for our continued focus on creating a healthier planet.
Product Portfolio

Vector Control & Food Security

- PermaNet® 2.0 Long-lasting Insecticidal Net
- PermaNet® 3.0 Combination Net
- PermaNet® Durable Lining
- ZeroFly® Livestock
- ZeroFly® Storage Bag

Water

- LifeStraw® Portable Water Purifier
- LifeStraw® Family 1.0 Instant Microbiological Water Purifier for Households
- LifeStraw® Family 2.0 Instant Microbiological Water Purifier for Households
- LifeStraw® Community Water Purifier for Community Use
- LifeStraw® Home Water Purifier for Urban Households
- LifeStraw® Go Filter Water Bottle
LifeStraw® Technology

Meets international drinking water standards
- World Health Organization
- United States Environmental Protection Agency
- NSF International

Uses raw materials which are United States Food and Drug Administration compliant

Product performance:
- Removes >99.9999% of bacteria
- Removes >99.999% of viruses
- Removes >99.99% of protozoan parasites
- Removes turbidity by filtering particles larger than 0.02 microns

Features:
- No need of Electrical power, batteries or replacement parts
- Self maintainable
- No need for Running water or piped-in water supply
- Product is functional until no water passes through the filter
Impact of LifeStraw® Products on MDGs

Socio-economic outcomes
- Less absenteeism from work
- More productivity
- Socio-economic development
- Prosperity

Health outcomes
- Safe drinking water
- Reduce waterborne illnesses
- Improve health

Environmental outcomes
- Reduce emissions
- Decrease deforestation
- Reduce the magnitude of climate change

Above outcomes all support
MDG 8: Develop a global partnership for development
Safe Drinking Water in Schools in India

• The Supreme Court of India, through its judgement vide October 3, 2012, directed the Centre and the State governments to ensure drinking water, separate toilets for boys and girls and teachers in every school

• Indian institutions that could benefit from a stand-alone water purification tool
  • 2,18,560 rural schools
  • 1,31,8912 anganwadis
Lots of Efforts Made in the Direction But Gaps Still Exist

Indian Government ministries/departments responsible for providing safe drinking water in schools and anganwadis:

- Ministry of Education
- Ministry of Women & Child Development
- Public Health Engineering Dept.
- Dept. of Drinking Water Supply
Current Solutions are Not Working

- Incomplete installation of UV filter
- UV filter in non-workable condition
- UV filter kept dismantled
- UV water storage tank being used for white wash purpose
- Non-functional Ultra filter
- Aquaguard filter kept packed after 3 years of being supplied in a Meghalaya school
Introducing LifeStraw® Community
How LifeStraw® Community Works?
LifeStraw® Community Features

**DESIGN FEATURES**
- Doesn’t require electrical power or batteries
- Made of durable FDA-approved plastic
- 4 taps allow access to water at high volumes
- A built-in safe storage prevents the purified water from recontamination
- Chemical-free

**CAPACITY**
- Total capacity of 50 liters; serves approximately 50-100 people per day
- Filtration rate: 12L/hour

**LIFETIME**
- Can purify up to 100,000 litres of water, enough to serve community settings for several years

**PROTECTION**
- Ultra-filtration technology instantly converts contaminated water into safe drinking water
- Removes bacteria, viruses, protozoan cysts and turbidity from the water
Patterns of Public Private Partnership on Ground

1. Corporate funding - NGO implementing partner
   - Government approving body
   - Vestergaard technology provider

2. NGO funding - NGO implementing partner
   - Government approving body
   - Vestergaard technology provider

3. Corporate funding - Corporate implementer
   - Vestergaard technology provider
   - Government approving body
   - Vestergaard maintenance & sustenance
Vestergaard Partnerships on Ground

Odisha

Uttarakhand

Delhi
Vestergaard and LifeStraw® Awards and Accolades

Vestergaard is proud to have been recognized by esteemed organizations for our products and approaches that improve global health.