

Side Event at Japan Pavilion
COP22

November 17th , 2016

*CAN PRIVATE SECTOR LEAD THE WAY?
-The way forward addressing climate change adaptation-*

Sharing Experience from Business Perspective

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Responsible Care[®]
OUR COMMITMENT TO SUSTAINABILITY

Net Sales FY2015 Total : JPY 2,102billion



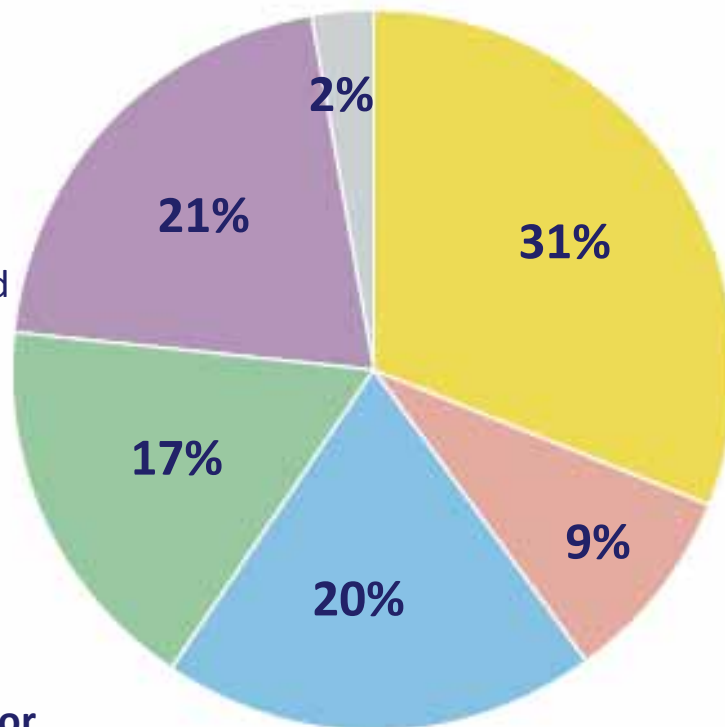
Pharmaceuticals Sector

Supporting people's health and bettering their lives on a daily basis.



Health & Crop Sciences Sector

Contributing to the stable supply of more abundant, sustainable food as well as to people's health.



Petrochemicals & Plastics Sector

Providing basic petrochemical Feedstock and synthetic resins that help realize abundance and prosperity while supporting people's lives.



Energy & Functional Materials Sector

Helping to resolve environmental, energy, and other global-scale issues through functional materials.



IT-related Chemicals Sector

Responding to an IT society that is becoming increasingly more sophisticated with cutting-edge technologies.

Contributions of the chemical industry as “Solutions Provider” for Sustainable Society

◆ Creating a low-carbon society (environment, energy)

CO₂ reduction potential through by using our products

Quantification of contribution by c-LCA (*ICCA)

◆ Water/Food

Securing water supply for living to address the water stress issue

Agricultural chemicals/fertilizers to help secure food production

◆ Health

Pharmaceuticals, medical equipment, vector control chemicals

*ICCA: The International Council of Chemical Associations

Contribution of Chemical industry for Adaptation (Examples)

1. Water Supply

- Desalination of sea water (membrane)
- Materials for irrigation

2. Food

- Draught resistant plants/Chemicals

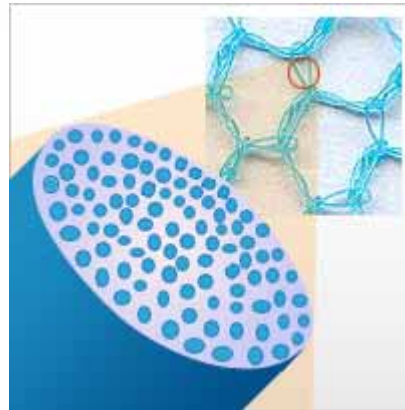
3. Prevention of infectious diseases

- LLIN (Olyset Net)
- Vector Control Chemicals

Olyset™ Net



In contrast to previous polyester mosquito nets, Olyset™ Net is made from polyethylene, with thicker, more durable fibers.



Olyset™ Net retains insecticidal efficacy for over five years even with repeated washings because the insecticide migrates to the surface of the fibers gradually through controlled release technology.

Preventing Malaria

A Long-Lasting Insecticidal Mosquito Net to protect people from malaria-carrying mosquitoes.



3 GOOD HEALTH AND WELL-BEING

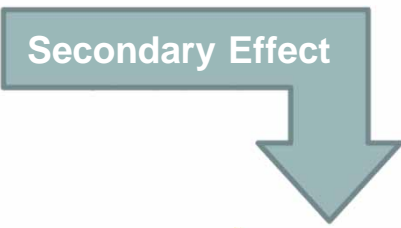


Reduce Maternal and Infant Infection and Mortality

13 CLIMATE ACTION



Strengthen Adaptive Capacity to Climate-Related Expansion of Infectious Diseases



2 ZERO HUNGER




Improve Nutrition for Children

4 QUALITY EDUCATION

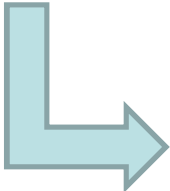


Increase the Number of Children who Receive Education

8 DECENT WORK AND ECONOMIC GROWTH



Generate Employment through Local Production



1 NO POVERTY



Decrease Poverty

Challenges facing Olyset Net

1. LLIN has become a Commodity.
 - New Suppliers in a Market
 - Concerns in their Quality
 - Concerns in Sustainability of Business
2. Insecticide-Resistant Mosquitos
 - Need to Develop new generation LLIN

Innovation and Cooperative action

1. Innovation

- 2nd and 3rd Generation of Olyset
- A New Product for IRS, Larvicide

2. Cooperative action

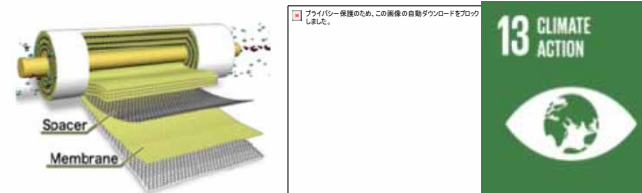
- International organizations
- Governments
- NGOs

“Sumika Sustainable Solutions”

◆ Sumitomo Chemical Launches New "Sustainable Solutions" Initiatives for Contributing to a Sustainable Society



Olyset™ Net, anti-malarial long-lasting insecticidal mosquito net



CO2 separation membrane



PERVIO™, lithium-ion secondary battery separator



SUMIMET™, feed additive methionine, Reduce N₂O

21 products (280 bil. Yen in Sales, 2015) ⇒ 560 bil. Yen in 2020

Thank you very much.



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