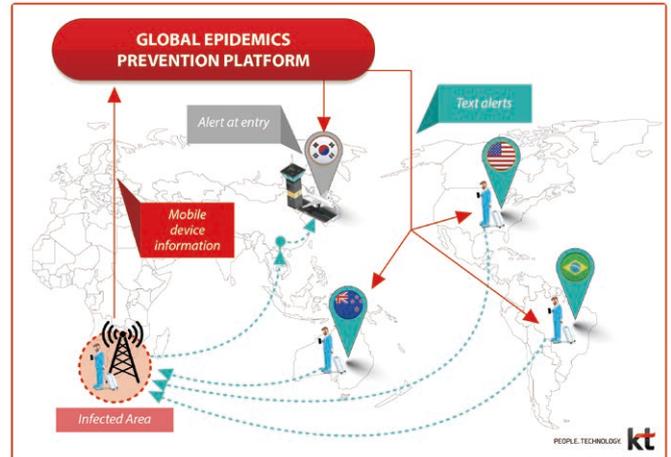




GEPP

Global Epidemic Prevention Platform



RELATED SDGS GOALS



PRIMARY COUNTRY

Republic of Korea

OTHERS

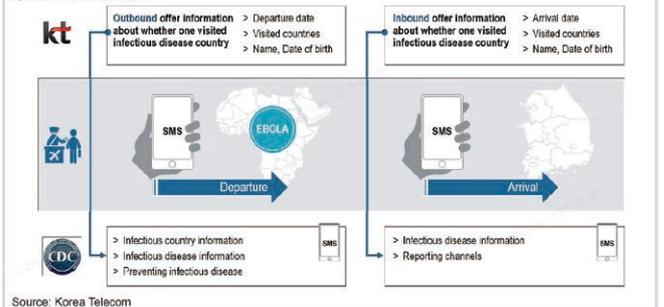
Global(Not limited to certain countries)

2 IMPACT ON SOCIETY

- Enhancing self-awareness by dramatic increase of self reporting cases
- Reducing national risk by real time monitoring system

Exhibit 27 | The Use of Big Data in Pandemic Preparedness and Reaction

Korea Telekom has started an initiative offering infectious disease Big Data to dedicated Centers for Disease Control. By collecting Telco's roaming information, Korea Telekom has built an effective information sharing system to its subscribers.



Source: Korea Telekom

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

As a representative Korean corporation, KT is taking the lead in providing new technologies and services based on 5G and understands the importance of ICT companies' impact on the society and environment. In 2016, KT launched the system that uses roaming Big Data to identify individuals who travel to an epidemic-affected-country. By sending SMS to the person who has been to an infected area, it has helped to enhance the self-awareness and reduce the riskiness of infectious disease. KT is expanding this successful achievements through global initiatives (WEF, ITU BCom) and now cooperating with several countries.(Ghana, Kenya, Laos and etc.)

URL

<https://corp.kt.com/eng/html/sustain/possibility/leadership.html>



URL

<https://www.broadbandcommission.org/Documents/publications/EpidemicPreparednessReport2018.pdf>



URL

https://www.b20germany.org/fileadmin/user_upload/B20_Germany_Policy_Paper_Health_Initiative.pdf



4 QUALITY EDUCATION



LOTTE



REPUBLIC OF KOREA



"LOTTE - KOICA Service Training Center" in Vietnam

RELATED SDGS GOALS



SDGS 169 TARGETS

- 4.3 Ensure equal access to affordable & quality technical, vocational & tertiary education
- 4.7 Ensure all learners to acquire knowledge & skills for sustainable development
- 8.3 Promote development-oriented policies for micro-, small- & medium-sized enterprises

PRIMARY COUNTRY

Vietnam

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

On June 14, 2017, the 'LOTTE-KOICA Service Training Center' was opened in Ho Chi Minh, Vietnam. The LKIC provides job seekers, students, small volume traders, and low-income groups with an opportunity to learn about the retail and service industries, including foreign languages, computer skills, customer services, and shop management. LOTTE supports trainees with finding internships at its local subsidiaries, and invites speakers to give special lectures in training programs designed to give them first-hand experience. LOTTE also provides trainees with opportunities to expand their career options in its local subsidiaries, such as LOTTE Mart, Lotteria, and LOTTE Hotel, after completing training.

2 IMPACT ON SOCIETY

The training center will nurture young talent who can contribute to growth Vietnam's distribution industry. The center plans to train 300 people this year and support a total of 1,000 students by 2019.



URL

<https://www.facebook.com/lkichcm/>



URL

<http://www.vneconomicstimes.com/article/business/lotte-first-service-training-center-in-vietnam>



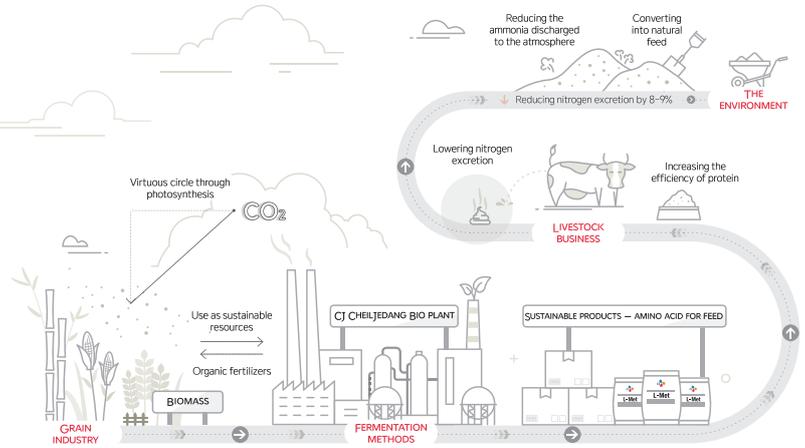
URL

<https://www.lotte.co.kr/global/en/csv/global.do#global>



Changing the World

CJ Bio technologies lead to sustainable life and earth



RELATED SDGS GOALS



PRIMARY COUNTRY

Southeast Asia

OTHERS

Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

CJ CheilJedang's Bio business provides the best quality of amino acids and solutions focusing on world-class eco-friendly technologies. In 2016 CJ's eco-friendly amino acids achieved SMART certification of fulfilling SDGs Goal 2 and 17 by UN. CJ's amino acids alleviate farmland usage efficiency which affects future food security through enlarging human consumption. Even more it contributes on sustainable environment by substituting petroleum-based chemical materials to fermentation technology using microorganism of nature and recycled materials such as sugar cane. Lastly CJ's amino acids livestock feeds can protect earth by reducing one of the global warming factors, nitrogen excretion.

2 IMPACT ON SOCIETY

- Reduces nitrogen excretion in livestock farms by 8~9%
- Promotes the physical growth of livestock efficiently
- Prevents pollution and global warming caused by livestock business
- Enlarges efficient use of farmland to lessen global hunger
- Contributes to maintain healthy livestock ecosystem with local society



URL

<https://sustainabledevelopment.un.org/partnership/?p=11284>

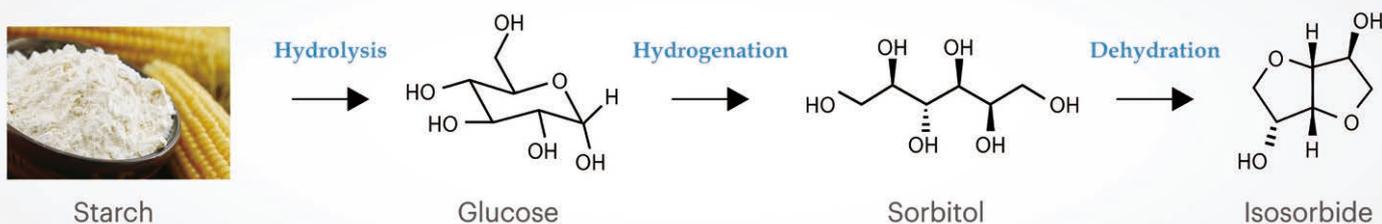


URL

[http://www.cj.co.kr/cj_files/2017%20Sustainability%20Report\[single\].pdf](http://www.cj.co.kr/cj_files/2017%20Sustainability%20Report[single].pdf)



Developing eco-friendly and functional bio-plastic material



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 3.9 Reduce deaths & illnesses from hazardous chemicals & pollution

PRIMARY COUNTRY

Japan

OTHERS

Republic of Korea

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Samyang used corns to develop plant-oriented polymer's monomer, Isosorbide, which is eco-friendly and sustainable, instead of using petroleum which is limited resource, in order to enhance the environmental problems that the world faces. Compared to petrochemical plastics, bio-plastics made from Isosorbide has superior environment-friendly traits such as resolvability and nontoxic trait. Also, Isosorbide-based bio-plastics have differentiated properties such as better transparency and solidity so that they could be applied to wide range of products such as exterior of electric devices, food packaging and eco-friendly building materials.

2 IMPACT ON SOCIETY

- Reduction of environmental impact through replacing petrochemicals.
- Potential sustainable supply of raw-material based on plants.
- Improvement of human health by substituting endocrine disrupting BPA and phthalate based plasticizers

APPLICATIONS



BIO-Polycarbonate



PEIT



Powder Coating



Isosorbide Diester