



B^{BUSINESS}20

TOKYO SUMMIT

Tangible Examples by Business

Toward Society 5.0 for SDGs





Goal 1. End poverty in all its forms everywhere

CEOE	Microfinance Foundation: Financial Inclusion	BBVA	→ Spain Latam Region	P7
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Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Confindustria	Biodegradable mulch films for sustainable agriculture and soil protection	Novamont S.p.A.	Italy	P8
BDI	Digital Farming: Climate FieldView™	Climate Corporation, Subsidiary Company of Bayer	→ Germany World	P9
B20 Argentina	Livelihood Carbon Funds	Collaboration between NGOs, multi-national companies, and several governments	→ Argentina World	P10
B20 Argentina	Menos Sal Mas Vida (Less Salt More Life)	20 companies and business associations	Argentina	P11
Keidanren	Providing Weather Index Insurance using data from earth observation satellites	Sompo Japan Nipponkoa Insurance Inc.	→ Japan Myanmar	P12
B20 Argentina	Sustainable Agriculture Initiative Platform	> 90 companies of the food industry	→ Argentina World	P13
TÜSIAD	Whole Surplus Digital Surplus Management Platform	Fazla Gıda	Turkey	P14



Goal 3. Ensure healthy lives and promote well-being for all at all ages

TÜSIAD	Body Age & Actual Age Measurement	TOFAS	Turkey	P15
Keidanren	Building a Secure Society by Utilizing Traffic Technology Innovation	Tokio Marine & Nichido Fire Insurance Co. Ltd.,	Japan	P16
Ai Group	Establishment of Primary Health Care Clinics across four African countries.	Aspen Medical	→ Australia Sierra Leone etc.	P17
RSPP	Fight against Ebola in the Republic of Guinea	Rusal	→ Russia Guinea	P18
FKI	GEPP/Global Epidemic Prevention Platform	Korea Telecom Corp.	Republic of Korea	P19
CNI	Prevision and alert device for epileptic seizures	Epistemic	Brazil	P20
Ai Group	Provision of Primary Health Care services to Indigenous Australians living in remote communities	Aspen Medical	Australia	P21
Ai Group	Trauma and Maternity Hospitals Iraq	Aspen Medical	→ Australia Iraq [Mosul]	P22
RSPP	Women's health	Management company METALLOINVEST LLC	Russia	P23



Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

BDI	Free massive open online courses (MOOC) on sustainability through digital transformation	SAP	→ Germany World	P24
CEOE	"Learning together" & "My retirement"	BBVA	 Spain	P25
FKI	"LOTTE - KOICA Service Training Center" in Vietnam	LOTTE	→ Republic of Korea Vietnam	P26
RSPP	PhosAgro/ UNESCO/ IUPAC Partnership in Green Chemistry for Life	PhosAgro	 Russia	P27
U.S. Chamber of Commerce	YouthSpark	Microsoft Corporation	 United States	P28



Goal 5. Achieve gender equality and empower all women and girls

MEDEF	Developing innovative essential services: m-Women	Orange	→ France Ivory Coast etc.	P29
Ai Group	St Barbara drives workforce gender equality	Minerals Council of Australia	→ Australia Australia and Papua New Guinea	P30
U.S. Chamber of Commerce	Women & Children's Health	Johnson & Johnson	 United States	P31



Goal 6. Ensure availability and sustainable management of water and sanitation for all

MEDEF	Dry factory	L'Oréal	→ France Spain	P32
Keidanren	Global expansion of water solution business with "RemixWater" technology	Hitachi, Ltd.	→ Japan Republic of South Africa	P33
Ai Group	Newmont supports participatory integrated catchment management in Western Australia	Minerals Council of Australia	 Australia	P34
TÜSİAD	Paani - Safe Water Initiative	Coca-Cola İçecek	→ Turkey Pakistan	P35
U.S. Chamber of Commerce	Replenish Africa Initiative (RAIN)	The Coca-Cola Company	→ United States 41 countries across Africa	P36
BDI	SUSTAINABLE SOLUTION STEERING®	BASF	→ Germany World	P37
U.S. Chamber of Commerce	Water and Development Alliance (WADA)	The Coca-Cola Company	→ United States World	P38
U.S. Chamber of Commerce	Water and Development Alliance(WADA) - Improving urban water security in Madagascar	The Coca-Cola Company	→ United States Madagascar	P39



Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all

ICC	Business Action for sustainable and resilient societies	ICC members	World	P40
CEOE	"Electricity for all" Program	Iberdrola S.A	Spain → Brazil	P41
BDI	WACKER Polysilicon for Photovoltaics	Wacker Chemie AG	Germany → World	P42



Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Ai Group	Mandalay Resources supports a vibrant regional community to grow	Minerals Council of Australia	Australia	P43
Ai Group	Newmont leads the way on Indigenous economic inclusion	Minerals Council of Australia	Australia	P44
BDI	Street Scooter	Deutsche Post DHL Group	Germany	P45
MEDEF	THE 3RD INDUSTRIAL REVOLUTION IN HAUTS-DE-France FINANCING THE ECONOMY OF THE FUTURE IN France	CREDIT COOPERATIF and CCI Hauts de France	France	P46
BusinessEurope	"Value-to-Society" approach	BASF SE	EU → World	P47



Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

CEOE	BBVA OPEN TALENT	BBVA	Spain	P48
CEOE	Digital Transformation: Use of new technologies	BBVA	Spain	P49
CNI	i4cast® software	i4sea	Brazil	P50



Goal 10. Reduce inequality within and among countries

TÜSİAD	Accessible and independent social life for visually disabled people	Turkcell	Turkey	P51
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Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable

ICC	Business Action for sustainable and resilient societies	ICC members	World	P52
Confindustria	Improved organic waste collection in market areas through the use of biodegradable and compostable bags	Novamont S.p.A.	Italy	P53
RSPP	"Nickel Plant Decommissioning"	MMC Norilsk Nickel	Russia	P54
RSPP	Resettlement programs for rural communities in Burkina Faso	Nordgold	Russia → Burkina Faso	P55
RSPP	Sakhalin Indigenous Minorities Development Plan	Sakhalin Energy	Russia	P56
CCPIT	The Role of ICT in Building Smart Cities	Huawei Technologies	China	P57



Goal 12. Ensure sustainable consumption and production patterns

CNI	Agriculture production management solution that helps increase food production – resource optimization and higher management control	Stefanini	Brazil	P58
RSPP	Bioenergetic Technologies in Forest Industry	Segezha Group (part of JSFC "Sistema")	Russia	P59
CNI	Carbon Neutral Programme	Natura Cosméticos	Brazil	P60
B20 Argentina	Champions 12.3	Coalition of executives from governments, businesses, international organizations, research institutions, farmer groups, and civil society	Argentina → World	P61
FKI	Changing the World CJ Bio technologies lead to sustainable life and earth	CJ CheilJedang	Republic of Korea → South East Asia	P62
FKI	Developing eco-friendly and functional bio-plastic material	Samyang Holdings Corp.	Republic of Korea → Japan	P63
TÜSİAD	Gold Mould	Maxion Wheels Turkey Aluminum	Turkey	P64
RSPP	Green Booster	LLC INOIL	Russia	P65
CNI	NEXXTO - Internet of Thing for Food Waste Prevention	NEXXTO S.A.	Brazil	P66
GBC	Program for Closed production loops within WACKER	Wacker Chemie AG	World → Germany	P67
TÜSİAD	Recycled PET TUB: Washer Dryer Tub With Recycled PET Flakes	Arçelik A.Ş.	Turkey	P68
MEDEF	Sustainable product optimisation tool SPOT	L'Oréal	France	P69
U.S. Chamber of Commerce	Travel With Purpose	Hilton Worldwide	United States	P70
TÜSİAD	USAGE OF TEA GRANULS AS BIOMASS AT PLASTIC MATERIALS	Ford Otosan Otomotive San. AŞ.	Turkey	P71
Ai Group	World's first responsibly sourced aluminium to be used in coffee capsules	Rio Tinto	Australia → Canada	P72



Goal 13. Take urgent action to combat climate change and its impacts*

U.S. Chamber of Commerce	Committing To A Cleaner Future	United Airlines	United States	P73
MEDEF	Committed to support the United Nations' Sustainable Development Goals	BNP Paribas	France	P74
Keidanren	Development of Fuel Cell Electric Vehicles, "Ideal Eco-Cars"	Toyota Motor Corporation	Japan etc.	P75
RSPP	En+ Group Program for Modernization of Hydropower Plants (HPPs) in the Eastern part of Russia	En+ Group	Russia	P76
Confindustria	Snam commitment to fight Climate Change	Snam	Italy	P77
CEOE	2025 PLEDGE	BBVA	Spain → BBVA's Footprint: Spain, Latam, USA and Turkey	P78



Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Keidanren	Contributing to the SDGs through the use of iron and steel slag	Nippon Steel & Sumitomo Metal Corporation (NSSMC)	Japan	P79
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Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

ICC	Business Action for sustainable and resilient societies	ICC members	World	P80
RSPP	Implementation of Sustainable Soil Management through the Soil Doctors programme and the Global Soil Laboratory Network	PhosAgro	Russia → Afghanistan etc.	P81
ICC	Sustainable beauty products	Natura&Co	World → Brazil	P82







Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

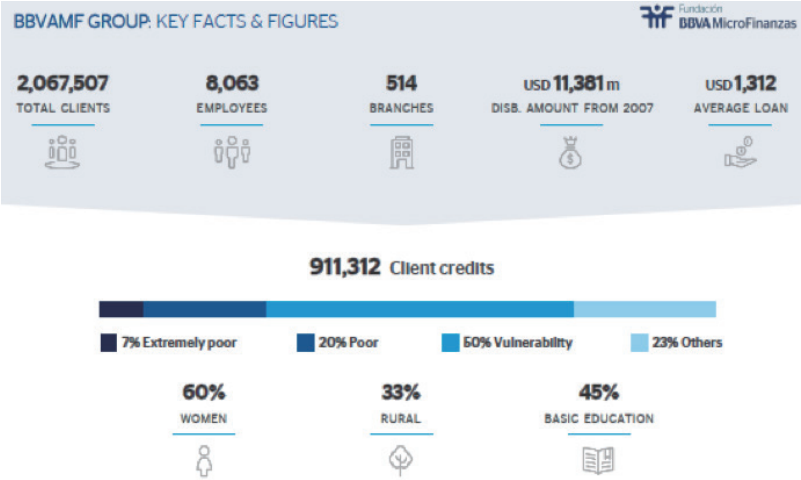
Confindustria	Snam's commitment to fight corruption and promote business integrity	Snam	Italy → Any country	P83
BusinessEurope	Somalia SDG 16 Monitoring and Evaluation Task Force	LexisNexis Legal & Professional, a division of RELX Group	EU → Somalia	P84
TÜSİAD	SUSTAINABILITY GOVERNANCE SCORECARD	ARGE CONSULTING	Turkey → World	P85



Goal 17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

Keidanren	ANA AVATAR Program	ANA Holdings inc.	 Japan etc.	P86
ICC	Business Action for sustainable and resilient societies	ICC members	 World	P87
Ai Group	Elysis Partnership for zero-carbon, oxygen-positive aluminium production	Rio Tinto and Alcoa	 →  Australia → Canada	P88

Microfinance
Foundation:
Financial
Inclusion



RELATED SDGS GOALS



SDGS 169 TARGETS

- 1.4 Ensure equal rights to economic resources & to basic services
8.3 Promote development-oriented policies for micro-, small- & medium-sized enterprises
5.1 End all forms of discrimination against women & girls

PRIMARY COUNTRY

Latam Region: Colombia, Perú, Dominican Republic, Chile & Panama.

1
OUTLINE OF A PROJECT/ GOOD AND SERVICE

BBVA created BBVA Microfinance Foundation as a response to the fact that financial inclusion plays an important role in reducing poverty by driving individual initiative and entrepreneurial spirit among the most vulnerable sectors.

BBVA Microfinance Foundation is entirely independent from the BBVA Group; it has its own legal personality and is governed and managed separately, investing its endowment in creating and consolidating a group of microfinance institutions in Latin America, the profits from which revert to the Foundation’ s own operations, with no financial return for BBVA.

2
IMPACT ON SOCIETY

BBVA Microfinance Foundation, with its mission of promoting economic and social development, has an impact on eight of the SDGs. We create opportunities for people under vulnerable conditions, opening up and facilitating access to financial services in a responsible way. The main challenge is eradicating poverty in the region, where two out of every three people are poor or vulnerable, according to the World Bank. With this goal, BBVA Microfinance Foundation estimates that in 2030, it will have delivered over USD 25 billion in productive loans to reduce poverty. Working from this premise, we measure the progress of entrepreneurs over time and keep track of how their businesses grow. We are bringing innovation to microfinance and we put it at the service of entrepreneurs to encourage their development and reduce poverty.

Credit clients at the close of 2017

BBVAMF contributes to the development of the microfinance sector

URL

<http://www.fundacionmicrofinanzasbbva.org/en/sector-development/sustainable-development-goals/>





Biodegradable mulch films for sustainable agriculture and soil protection

RELATED SDGS GOALS



SDGS 169 TARGETS

2.4 Ensure sustainable food production systems
12.7 Promote public procurement practices that are sustainable
15.3 Combat desertification, restore degraded land & soil

PRIMARY COUNTRY

Italy

OTHERS

Spain, France, USA, Greece

(maize, industrial tomatoes and vines) with a saving in the use of water and a better yield of seeds.

2 IMPACT ON SOCIETY

1. enhancing agricultural productivity
2. improving the yield and quality of agricultural production
3. reduction to zero of agricultural plastic waste and no soil contamination (since the mulch film is fully biodegradable and with no toxic effect)
4. reduced carbon footprint (>50%)

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Mulch films made of Novamont's Mater-Bi do not have to be recovered and disposed of at the end of the growing cycle, because biodegrades in the ground through the action of microorganisms, avoiding environmental concerns like the well-known "white pollution". Being compliant with major international standards for biodegradability in the soil, this mulch film brings about a saving in terms of time and resources. Novamont is also successfully testing it on crops which are not normally mulched,

URL

<https://www.novamont.com/eng/>



URL

<http://materbi.com/en/>



URL

<http://materbi.com/en/solutions/agriculture/>





CLIMATE CORPORATION,
SUBSIDIARY COMPANY OF BAYER



BDI
The Voice of
German Industry



GERMANY

Digital Farming: Climate FieldView™



RELATED SDGS GOALS



PRIMARY COUNTRY

worldwide

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The future of farming will be driven not just by better technologies, but by better understanding how to combine these in smarter and ever more efficient ways. This is where digital farming comes into play. With Climate FieldView™ the Climate Corporation developed the industry's leading digital agricultural platform that offers farmers a comprehensive and connected suite of digital tools. Farmers gain a deeper understanding of their fields and can optimize management decisions quickly and efficiently. This helps growers reach their yield potential, while minimizing excessive application of crop inputs.

2 IMPACT ON SOCIETY

The project accelerates farmers' ability to increase crop yields in a more sustainable manner. It simplifies the planning effort, lowers the amount of crop protection product applications, reduces the risk of wrong applications and achieves better prevention of pests and diseases.

ABOUT US

Bayer AG is a global life science company with a more than 150-year history and core competencies in the areas of health care and agriculture. The company contributes to finding solutions to some of the major challenges of our time. In fiscal 2017, Bayer has sales of EUR 35.0 billion, capital expenditures amounted to EUR 2.4 billion, and R&D to EUR 4.5 billion. Bayer has around 118,200 employees worldwide.

URL

<https://www.media.bayer.com/baynews/baynews.nsf/id/Bayer-expands-digital-innovation-pipeline-The-Climate-Corporation-bring-breakthrough-digital-tools>





Livelihood Carbon Funds



**LIVELIHOO
FUNDS** ACT TODAY
FOR A BETTER

RELATED SDGS GOALS



SDGS 169 TARGETS

2.4 Ensure sustainable food production systems
2.a Enhance agricultural productive capacity of developing countries
15.1 Ensure the conservation, restoration & sustainable use of terrestrial & inland freshwater ecosystems

PRIMARY COUNTRY

Global, with a focus on developing countries

OTHERS

Current projects in Brazil, Burkina Faso, Guatemala, India, Indonesia, Kenya, Madagascar, Peru, and Senegal

Additional funding is available through L3F (Livelihood fund for Family Funding) to foster value chain development in developing countries.

2 IMPACT ON SOCIETY

- LCF1 (launched in 2011) invested €40M and will sequester 10M tons CO₂eq over 20 years, through 9 active projects across Africa, Asia, and Latin America
- LCF2 (launched in 2017) will invest €100M and aims to sequester 25M tons CO₂eq.



URL

<http://www.livelihoods.eu/>



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Collaboration between NGOs, multi-national companies, and governments to incentivize the adoption of environmentally sustainable agricultural practices. Since 2011, LCF leverages the carbon economy to finance major ecosystem restoration, agroforestry and rural energy projects over periods of 10 to 20 years (Example project: investing in agroforestry practices and a sustainable dairy cycle for 30K Kenyan farmers)

Operates two major investment funds in which twelve major companies have invested so far focus on helping rural communities restore and preserve their ecosystems and improve their livelihoods.



Menos Sal Mas

Vida



menos sal
más *Vida*

(Less Salt More Life)

RELATED SDGS GOALS



SDGS 169 TARGETS

- 2.1 Ensure access to safe, nutritious & sufficient food
- 3.4 Reduce mortality from non-communicable diseases

PRIMARY COUNTRY

Argentina

- Agreements on maximum quantities of sodium per type of food
- Conformation of group to work on further initiatives (e.g.: reformulation of other products or other ingredient)
- Technical research on impact of this nutrient in the composition of food

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Public-private collaboration including over 20 companies and industry groups, led by the Health Ministry of Argentina, to reduce consumption of salt and therefore related health conditions.

Initiative originally consisted of voluntary agreements by food type to progressively reduce content of salt in food products; it later became a legal requirement. Since 2011 to the present, the collaboration amongst public and private stakeholders gave way to:

2 IMPACT ON SOCIETY

- Estimated 250,000 health events (e.g.: CVA, heart attacks) averted through 2020 by reduction of salt intake
- Net estimated savings of US\$ 3.8 billion in 10 years of health costs

URL

<http://www.msal.gob.ar/ent/index.php/informacion-para-ciudadanos/menos-sal-vida>





Providing Weather Index Insurance using data from earth observation satellites

RELATED SDGS GOALS



SDGS 169 TARGETS

- 2.4 Ensure sustainable food production systems
- 1.5 Build the resilience of the poor & the vulnerable
- 13.1 Strengthen resilience to climate-related hazards & natural disasters

PRIMARY COUNTRY

Myanmar

OTHERS

Thailand, Philippines, Indonesia

2 IMPACT ON SOCIETY

This product contribute to built the resilience of the poor and those in vulnerable situation. Agriculture in South is a key industry that is also vulnerable to climate change.

Aiming to provide weather index insurance to 30,000 farmers in Thailand and other Southeast Asian countries by 2025, we will move forward on our continued efforts in this field.



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Weather index insurance is an insurance product that pays out a contractually predetermined insurance amount when a weather index — such as for temperature, wind speed, or rainfall — fulfills certain conditions.

In Myanmar, we developed Japan's first weather index insurance that uses data from earth observation satellites and covers drought risk for rice and sesame farmers in the central arid region.

This insurance, developed in partnership with the Remote Sensing Technology Center of Japan (RESTEC), makes use of rainfall data obtained by earth observation satellites.

URL

<https://www.sompo-hd.com/en/csr/action/community/content4/#02>





Sustainable Agriculture Initiative Platform



RELATED SDGS GOALS



SDGS 169 TARGETS

2.4 Ensure sustainable food production systems
2.3 Double the agricultural productivity
12.a Support developing countries to strengthen their capacity for sustainable consumption & production

PRIMARY COUNTRY

Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Private non-profit collaborative of >90 members of the food industry, mostly multi-national corporations to ensure that agricultural raw materials are grown using sustainable methods. Since 2002 facilitates sharing of knowledge and adoption of technology across food value chain with a particular focus on smallholders

Actively promotes adoption of best environmental practices along supply chain through collaboration and commitment of member companies

Provides a forum for discussion and knowledge sharing on sustainable agriculture, which it then shares to all interested parties along the supply chain

2 IMPACT ON SOCIETY

Farm Sustainability Assessment (FSA), launched in 2014, through its One Industry-Harmonized Assessment & Assurance Tool, promoted to agreed sustainable agriculture practices. It helps farmers and suppliers to review and improve their practices, become more sustainable, and gain market access. FSA was implemented in 24 countries. It provides Implementation Guidelines for sampling, verification, data management with audit protocol and approved auditors. Also, FSA can be implemented through Certification Schemes. Its gradual scoring system encourages continuous improvement.

Example projects:

CROP FSA: Based on SAI Platform' s Arable & Vegetable and Fruit, it promoted principles and practices, which are globally applicable and free to use. E.g: Solidaridad in Brazil with Oranges, Sugar Beet in Europe and Strawberries and Rice in Spain.

URL

<http://www.saiplatform.org/>





Whole Surplus Digital Surplus Management Platform



RELATED SDGS GOALS



SDGS 169 TARGETS

12.3 Halve per capita global food waste & reduce food losses

12.5 Reduce waste generation through prevention & 3R

2.1 Ensure access to safe, nutritious & sufficient food

PRIMARY COUNTRY

Turkey

2 IMPACT ON SOCIETY

250.000 people got donations through our platform in two years. 2800 tons of food is saved with our donation, reselling and animal feed production solutions. We operate in 25 cities of Turkey and work with more than 100 food banks.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Whole Surplus is founded in December, 2014. Whole Surplus creates technology solutions to help businesses recover value from food surplus. We provide one-stop waste management platform, unique marketplace for donating surplus inventories, recycling and reselling of surplus and data analytics for reducing waste at the source. Whole Surplus changes the way of business to identify, analyze, control and reduce waste while recovering the best value out of waste for a sustainable world. Whole Surplus is invested by 500 Startups and is a Techstars alumni company. Also, chosen as one of the 9 companies to be supported by UNDP Accelerate 2030.

URL

<https://www.fazlagida.com/>
[Turkish brand of Whole Surplus]



URL

<https://wholesurplus.com/>



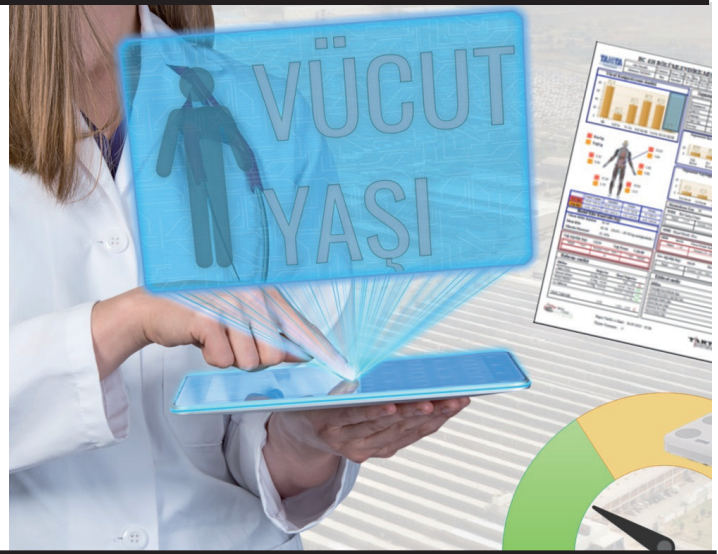
URL

https://www.youtube.com/watch?v=QLW_CiXKdr0





Body Age & Actual Age Measurement



RELATED SDGS GOALS



SDGS 169 TARGETS

3.d Strengthen the capacity for health risk management

PRIMARY COUNTRY

Turkey

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Conventional health care methodologies focus on healing illnesses in a reactive way. Instead of waiting for illnesses, we provide our employees a proactive well-being program based on body age measurement. In this methodology, "Body Age" is measured with Tanita device and compared vs. "Actual Age" of the employees. The results are used to determine relationship between nutrition habits and health conditions of employees such as obesity, metabolic syndrome and diabetics. We classify our employees as high risk-low risk and normal regarding the related figures. According to this classification, they are directed to our nutritionists to develop their specific nutrition programs to improve or keep their situations with surveillance of doctors if needed.

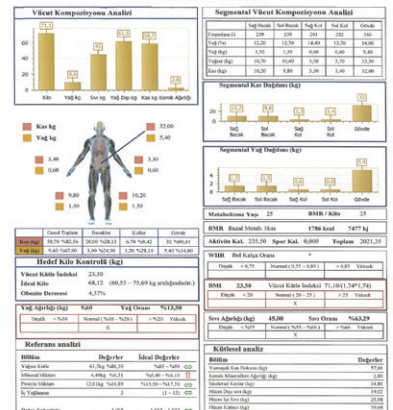
2 IMPACT ON SOCIETY

- Proactive approach for potential health problems
- Healthy nutrition habits
- Sustainable, world class, proactive health management

MEASUREMENT



SAMPLE REPORT





Building a Secure Society by Utilizing Traffic Technology Innovation



RELATED SDGS GOALS



SDGS 169 TARGETS

3.6 Halve the number of global deaths & injuries from road traffic accidents
12.2 Achieve the sustainable management & efficient use of natural resources

PRIMARY COUNTRY

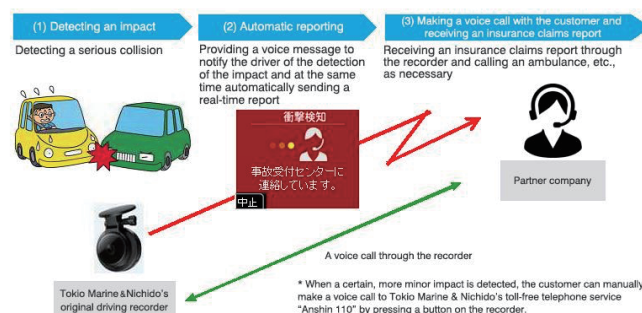
Japan

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

For the first time as a major insurance company in Japan, Tokio Marine Nichido provides a telematics service called the "Drive Agent Personal" in retail business since 2017 for delivering further safety and security. When the device detects a serious collision, it automatically sends an accident information report, and can dispatch an ambulance if the driver is seriously injured or not responding through the communication function, etc. It also provides services such as driving diagnosis reports and support for accident prevention.

2 IMPACT ON SOCIETY

Tokio Marine Nichido contributes to increasing society's preparedness against traffic risk and the prevention of traffic accidents by offering insurance products and services that quickly capture the latest innovation in traffic technology.



URL

https://www.tokiomarinehd.com/en/sustainability/theme1/traffic_safety.html



URL

https://www.tokiomarinehd.com/en/ir/library/annual_report/h10q7e000000i3tj-att/20180830_e4.pdf





Establishment of Primary Health Care Clinics across four African countries.



RELATED SDGS GOALS



SDGS 169 TARGETS

3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and wellbeing
3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all
5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life

PRIMARY COUNTRY

Sierra Leone, Liberia and South Sudan

OTHERS

Lybia

stretched public services. 95% of the staff are African and all management roles are performed by females.

2 IMPACT ON SOCIETY

Increase access to Primary Health services, including diagnostics and pathology, for all locals. Providing management and leadership opportunities for African women and children. Providing increased clinical standards for both health professionals and clinical delivery, through standards, forums and credentialing.



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2014 Aspen Medical initially established a Primary Health Care Clinic (PHC) in Monrovia Liberia. Soon after Liberia (followed by Sierra Leone and Guinea) experienced the Ebola outbreak. To support the international response Aspen established 6 Ebola Treatment Centres (ETCs) across Liberia and Sierra Leone. Post the epidemic Aspen invested in PHCs in Sierra Leone and Liberia. Subsequently PHCs have been established in South Sudan and Libya. Clinics provide medical services to local and expatriate patients, reducing the burden on local over



Fight against Ebola in the Republic of Guinea



Guinean girl in the community assisted by Rusal.

RELATED SDGS GOALS



SDGS 169 TARGETS

3.3 End the epidemics of communicable diseases
3.b Support R&D of vaccines & medicines for the diseases in the developing countries
3.c Increase health financing & workforce in developing countries

PRIMARY COUNTRY

Guinea

OTHERS

RUSSIA

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

RUSAL has become the first company to implement a major construction project aimed at fighting Ebola. In 2015 RUSAL constructed the Centre for epidemic and microbiological research and treatment in Guinea - one of the most advanced healthcare institutions in West Africa. Testing programme of the Russian vaccine against Ebola conducted at the Centre (2016-2018) is intended to support international certification of the vaccine, allowing its use by the World Health Organisation to prevent the spread of Ebola. In pre-clinical and clinical studies, the GamEvac-Combi vaccine is said to have demonstrated a favourable safety profile.

2 IMPACT ON SOCIETY

2,000 participants administered with anti Ebola vaccine during the testing period (2016-2018).
62.5% of patients with a confirmed Ebola fever diagnosis have been successfully treated.



Guinean citizens receiving treatment.

URL

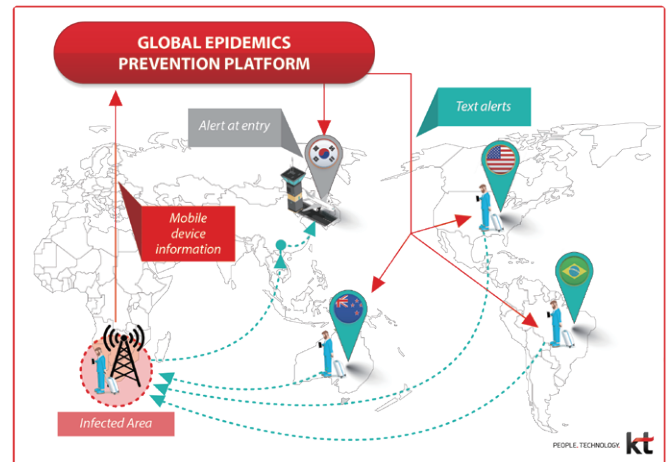
http://rusal.ru/upload/iblock/b93/RUSAL-Guinea-Ebola_upd.08.2017.pdf





GEPP

Global Epidemic Prevention Platform



RELATED SDGS GOALS



PRIMARY COUNTRY

Republic of Korea

OTHERS

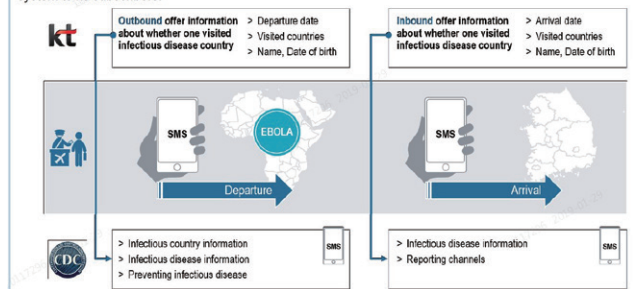
Global(Not limited to certain countries)

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.



URL

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



URL

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



URL

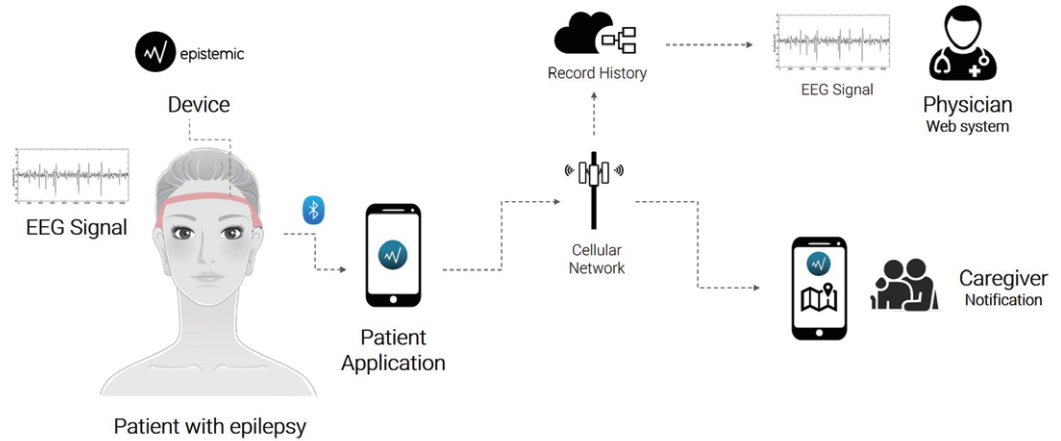
https://www.b20germany.org/fileadmin/user_upload/B20_Germany_Policy_Paper_Health_Initiative.pdf



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 BBCom) and now cooperating with several countries.(Ghana, Kenya, Laos and etc.)

Prevision and alert device for epileptic seizures



RELATED SDGS GOALS



SDGS 169 TARGETS

3.4 Reduce mortality from non-communicable diseases

PRIMARY COUNTRY

Brazil

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Epistemic is working to develop a device capable of predicting epileptic seizures with an average of 20 minutes in advance. The device will warn patients and caregivers of the incoming seizure. Epistemic built a seizure prediction software using non-linear dynamic systems theory and machine learning techniques on electroencephalogram signals. The proposed device is non-invasive and uses only 3 scalp electrodes. Epistemic is currently working on a miniaturized wearable electroencephalogram device to run the prediction software and enable warnings to happen on daily routines. The main objective is to give more autonomy and enhance quality of life of patients with epilepsy.

2 IMPACT ON SOCIETY

- Autonomy and empowerment of patients, less dependent on caregivers
- Safety enhancement with caution at right moments
- Diagnosis enhancement with 24 x 7 EEG information
- Economic impact due to accidents reduction and increase in patients enabled to work



URL

<http://www.epistemic.com.br/>





Provision of Primary Health Care services to Indigenous Australians living in remote communities

(The Remote Area Health Corps)



RELATED SDGS GOALS



SDGS 169 TARGETS

3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and wellbeing
3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all

PRIMARY COUNTRY

Remote Indigenous Communities (Australia)

OTHERS

nil

1 OUTLINE OF A PROJECT/GOOD AND SERVICE

The Remote Area Health Corps (RAHC) was established in 2008 to address persistent challenges to accessing primary healthcare services for Aboriginal and Torres Strait people in the Northern Territory Australia. Aspen was contracted by the Australian Government to deliver these services. RAHC is a program designed to increase the pool of urban-based health professionals available for work in Indigenous communities by attracting, recruiting and orienting them and then providing ongoing support and training to successfully assist the

health professional to make the transition to remote practice. To date RAHC has placed just over 5,000 health professionals into these communities.

2 IMPACT ON SOCIETY

Access barriers to quality primary health removed for Indigenous Australians. Building trust between remote communities and Health Professionals.



Improved health outcomes assist in socioeconomic and education outcomes. Health system is managed more efficiently and is responsive to community.

URL

<https://www.rahc.com.au/about-us>



URL

<https://www.rahc.com.au/news/news/rahc-celebrates-decade-making-difference-northern-territory>



URL

<https://www.rahc.com.au/news/news/rahc-sends-its-5000th-urban-health-professional-northern-territory-assist-health-services>





Trauma and Maternity Hospitals Iraq (Mosul)

RELATED SDGS GOALS



SDGS 169 TARGETS

3.2 By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births

3.c Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States

9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

PRIMARY COUNTRY

Iraq (Mosul)

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The World Health Organisation (WHO) engaged Aspen Medical to manage, staff and operate three trauma and two maternity hospitals near Mosul, Iraq. Aspen was supported by clinicians from the Iraqi Ministry of Health (MoH). A key part of the project was to provide a clear exit strategy that would form the basis of a transition plan to the MoH. Aspen designed and delivered a training and transition plan to handover operational and clinical responsibility of each field hospital to the MoH (completed in 6-7 months). This also included recruiting Iraqi health professionals.

2 IMPACT ON SOCIETY

Aspen treated 48,000 severe casualties (a mortality rate of .02%) and delivered over 3,000 babies. Iraq clinicians, especially female health professionals, were encouraged to return to remote communities, where there was no health service. MOH now operates the facilities.



URL

<https://www.aspenmedical.com/news/news/aspen-medical-chosen-help-re-build-mosul%E2%80%99s-healthcare-system-part-global-humanitarian>



URL

<https://www.aspenmedical.com/news/news/aspen-medical-hands-over-final-hospital-iraqi-ministry-health>



URL

<https://www.canberratimes.com.au/national/act/aspen-medical-opens-third-trauma-hospital-in-wartorn-iraq-20171012-gyzc90.htm>





Women's health



New breast examination equipment in action.

RELATED SDGS GOALS



SDGS 169 TARGETS

3.7 Ensure universal access to sexual & reproductive health-care services
3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all
3.d Strengthen the capacity for health risk management
3.c Increase health financing & workforce in developing countries

PRIMARY COUNTRY

Russia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The "Women's Health" program is aimed at creating an integrated system for early diagnosis and prevention of the incidence of breast cancer in the Belgorod and Kursk regions of Russia. The main target audience of the project is women over 30 years old. The program includes the creation of a unified system for



diagnosing breast cancer on the basis of city and regional medical institutions with the possibility of remote consultations, equipping with modern equipment and software, training radiologists, creating a psychological help desk, conducting an awareness campaign among the population.

2 IMPACT ON SOCIETY

- Early detection of breast cancer improved by 46%;
- Detection of breast cancer at 1 and 2 stages exceeded 77%;
- A system of standards for the diagnosis of breast cancer has been developed, with regular advanced training.

URL

<http://www.metalloinvest.com/sustainability/regional-development/womens-health/>



URL

<http://www.nwhcf.ru/blagotvoritelnye-programmy/profilaktika-i-rannaa-diagnostika>



URL

https://www.youtube.com/watch?v=tGNvDPOs_EY





SAP



BDI

The Voice of
German Industry

GERMANY

Free massive open online courses (MOOC) on sustainability through digital transformation



RELATED SDGS GOALS



PRIMARY COUNTRY

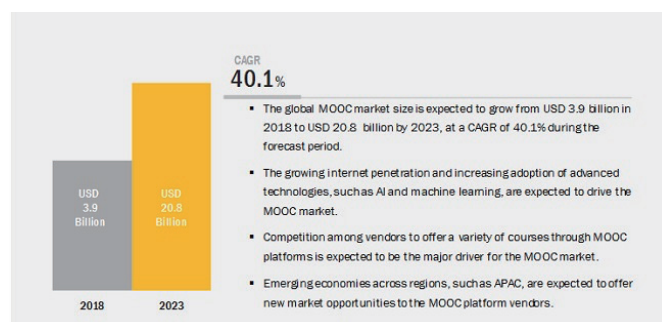
worldwide

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

SAP has developed video-based lectures comprising 3 weeks à 4-6 hours, on how to leverage digital innovation to transform and change industry sectors along the examples of selected SDGs; also development of web book on SDGs for companies to enable participants to prepare for the course. The company puts (and keeps until today) multimedia content available at www.sap.com/unglobalgoals, including short editorials and data visualizations on each SDG, customer videos and stories. SAP has also offered online forums for participants to jointly learn throughout the course and provides the opportunity to finalize the training with a final exam and certificate.

2 IMPACT ON SOCIETY

More than 7,000 SAP employees as well as SAP's externals participated in the course. The course is in line with SAP embedding the SDGs in its vision and purpose, and integrating SDGs into board-area specific short- and midterm targets.



URL

<https://open.sap.com/courses/sbi2-1>




"Learning together"

&

"My retirement"



RELATED SDGS GOALS



SDGS 169 TARGETS

- 4.2 Ensure access to quality early childhood education
- 4.4 Increase the number of youth & adults with relevant skills for decent jobs
- 4.6 Ensure the youth to achieve literacy & numeracy

PRIMARY COUNTRY

Spain

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

"**L**earning Together" is a BBVA Education project because we believe that education is the great opportunity to improve the lives of people. We want to promote the conversation about education so that it occupies the place it deserves in our world and for that we create content together with transforming people that help us learn new things. Also, "**Mi jubilación**" (**My Retirement**) was created to increase awareness in society about pensions and saving for retirement, so that people can take informed decisions on financial planning for their future retirement.

2 IMPACT ON SOCIETY

"**L**earning together" and "My retirement" are two examples of BBVA's initiative to promote the importance of general education and financial knowledge and skills, as relevant issues that has a direct impact in people's live.

URL

<https://www.youtube.com/watch?v=mMSt-OE73LY&feature=youtu.be>



URL

<https://aprendemosjuntos.elpais.com/archivo/>



URL

<https://www.jubilaciondefuturo.es/recursos/interactivo/institutoBBVA/MiJubilacion.pdf>



URL

<https://www.bbvaedufin.com/en/the-center/>





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

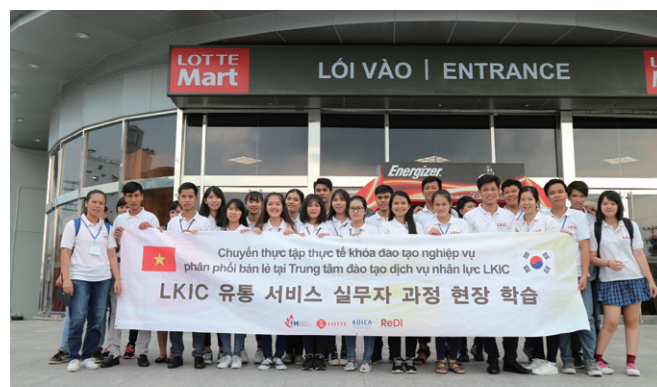
Vietnam

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-opens-first-service-training-center-in-vietnam>



URL

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





PhosAgro/ UNESCO/ IUPAC Partnership in Green Chemistry for Life



Juan Carlos Rodriguez-Reyes and his research team. Dr. Rodriguez-Reyes used a Green Chemistry for Life award received in 2014 to look for more efficient mining methods that allow for higher performance and lower consumption of chemicals.

RELATED SDGS GOALS



SDGS 169 TARGETS

4.b Expand the number of scholarships available to developing countries
5.5 Ensure women's full & effective participation, equal opportunities for leadership
13.b Promote mechanisms for raising capacity for effective climate change-related planning & management in least developed countries

PRIMARY COUNTRY

Russia

OTHERS

France, Singapore, Peru, Ukraine, Egypt, Malaysia, Australia, Italy, Iran, South Africa, Argentina, Bulgaria, Uruguay, Pakistan, Kenya, Bosnia and Herzegovina, Spain, Tunisia, Belgium, Nigeria, Brasil, Israel, Zimbabwe, Sudan, India, Jordan

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

2014 - ongoing. Over the course of 5 years, the project will offer research grants of up to US\$30,000 to scientists aged 39 and under with an innovative research project that respects the 12 principles of green chemistry, to help them implement their project. In addition to seeking to harness talents of young scientists for the advancement of green chemistry and the use of its fruits, the Project sets out to raise awareness among decision- and policy-makers, industrialists and the public at large of the vast opportunities green chemistry offers to meet pressing societal needs.

2 IMPACT ON SOCIETY

The grant programme aims to promote the implementation of innovative research projects in green chemistry by young scientists that respect principles of green chemistry. 34 scholars from 27 countries have been awarded grants for their research over the five years.



Thibaut Cantat develops a novel catalyst to transform CO₂ and biomass waste into added-value products.

URL

<http://www.unesco.org/new/en/natural-sciences/science-technology/basic-sciences/chemistry/green-chemistry-for-life/>



URL

<https://www.phosagro.com/about/greenchemistry/>





Youth Spark



RELATED SDGS GOALS



PRIMARY COUNTRY

USA

OTHERS

Global footprint

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

YouthSpark is Microsoft's program focused on increasing equitable access to high quality opportunities for youth to learn digital skills and computer science. Microsoft is committed to helping close the significant gaps in access and participation that exist for all young people, and especially young women, racial or ethnic minority youth, and youth from low income or rural communities, who often have least access. Learning digital skills and computer science allows young people to create, innovate, and thrive not only in STEM careers but also across all sectors. They work with nonprofits, educators, governments, and businesses to increase economic opportunity for underserved youth around the world. In 2018 alone, 12 million young people participated in computer science learning experiences through 97 nonprofits in 54 countries.

2 IMPACT ON SOCIETY

- Access to learning tools for represented youth
- Community revitalization
- STEM education and access globally
- Community capacity building



URL

https://download.microsoft.com/download/0/0/6/00604579-134B-4D0E-97C3-D525DFB7890A/Microsoft_and_the_UN_SDGs_Sept_2017.pdf



URL

Microsoft.com/digital-skills





Developing innovative essential services: m-Women



crédit photo/ copyright : Patrick Delapierre

RELATED SDGS GOALS



PRIMARY COUNTRY

Africa (Ivory Coast ("Côte d'Ivoire") Egypt, Morocco, Central African Republic) and Middle-East region

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

As part of its global 'Orange for development' approach, the Group works with partners to design appropriate products and services that best drive growth, particularly in the Africa and Middle-East region. Several transformation focuses have been identified, including a tool to promote women's empowerment through digital solutions and essential services that meet their needs. The aim of including women in the digital world is designed to help boost their contribution to sustainable socio-economic development.

2 IMPACT ON SOCIETY

Several measures aimed at women fall within the field of health in cooperation with local health authorities:

- In the DRC, the development of 'Cycle M', a notification service launched in 2016 to help women track their menstrual cycles via their mobile as part of family planning efforts from the Ministry of Public Health;
- In Cameroon, the launch of 'Gifted Mom', an SMS and voicemail platform that provides personalised information to pregnant women and young mothers, as well as internet access to find out about nearby hospitals;
- In Burkina Faso, mass distribution of SMS messages to inform women about recommended medical checks and screening assistance.
- In Côte d'Ivoire, the launch of M-Vaccin by Orange and Gavi, the Vaccine Alliance, in partnership with the Ministry of Health to boost vaccination rates in regions and districts with lower vaccine coverage. The M-Vaccin programme is set to reach over 800,000 children in 5 years and may be expanded to other West African countries following an impact assessment.



St Barbara

drives workforce gender equality



RELATED SDGS GOALS



SDGS 169 TARGETS

5.5 Ensure women's full & effective participation, equal opportunities for leadership

5.c Adopt sound policies for the promotion of gender equality

PRIMARY COUNTRY

Australia and Papua New Guinea

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Leadership and innovation has helped St Barbara to improve gender equality within its workforce. Its sophisticated approach includes a focus on recruitment of women and ensuring career development pathways for female talent, monthly gender pay gap analysis and a comprehensive approach to supporting employees on return from parental leave. St Barbara has also pioneered use of the gender safety audit tool at its operations, which allows the company to better understand and address safety and health issues specific to women at its operations.

2 IMPACT ON SOCIETY

- Women represent 25 per cent of the company's leadership team
- 100 per cent of women returning to work from paid parental leave between 2009 and 2018
- A nil gender pay gap

URL

<http://www.minerals.org.au/sites/default/files/St%20Barbara%20Case%20Study%20WEB.pdf>





Women & Children's Health



RELATED SDGS GOALS



SDGS 169 TARGETS

Goal 17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

PRIMARY COUNTRY

USA

OTHERS

Global footprint

Born On Time supports women and adolescent girls before, during, and between pregnancies by strengthening health systems to provide quality, responsive care.
(Photo Credit: Born On Time)

2 IMPACT ON SOCIETY

- Improved livelihoods for women, children, adolescents and newborns
- Promoting thriving communities with more productive economies
- Reducing number of people living in poverty



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Aspiration: A world where every woman and child survives and has the opportunity for a healthy future. 5-Year Target: 60 million women and children will have received support and tools to enable a healthy future.



URL

<https://www.jnj.com/sustainable-development-goals/women-children-health>





Dry factory

'DRY FACTORY'

RELATED SDGS GOALS



SDGS 169 TARGETS

6.3 Improve water quality

9.4 Upgrade infrastructure & retrofit industries to make them sustainable

PRIMARY COUNTRY

Espagne

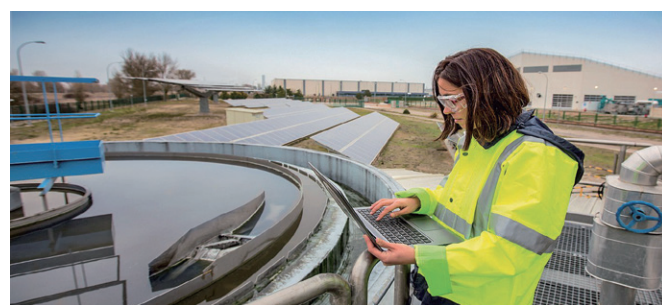
1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The Burgos plant is today one of the Group's top performers in terms of the environment and social responsibility. The plant has set the standard for sustainable development. Carbon neutral since 2015, thanks to a 'trigeneration' system, that provides the plant with three types of energy – heating, cooling and electricity, the Burgos plant is equipped with a wastewater recycling system. Today, 100% of the water used for industrial processes is cleaned and recycled in a closed loop on site, so that it can be used again making the Burgos factory in Spain the Group's first "dry factory".



2 IMPACT ON SOCIETY

- Optimizing cleaning processes Having a carbon neutral footprint with combining different sources of renewable energy
- Producing zero waste to landfill
- Treating industrial water on site
- Partnership with local associations for disabled workers and for inclusion



URL

<https://www.loreal.com/media/news/2018/september/environmental-success-at-burgos>





Global expansion of water solution business with "RemixWater" technology

RELATED SDGS GOALS



SDGS 169 TARGETS

6.4 Increase water-use efficiency

6.a Support capacity-building of developing countries in water- & sanitation-related activities

PRIMARY COUNTRY

Republic of South Africa

OTHERS

Any water scarce country which is interested in new water production method which has lower energy consumption and lower environmental impact.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

"**R**emixWater" is an integration system of conventional desalination process and water recycle process to produce water which can be adapted industrial, domestic purposes in terms of water quality. Since 2016, Hitachi is executing four year demonstration project with eThekweni Municipality(City of Durban) in Republic of South Africa. Currently the plant is construction stage. This project is entrusted by NEDO(New Energy and Industrial Technology Development Organization) of Japan.

2 IMPACT ON SOCIETY

- Energy saving from more efficient pumping
- Low environmental impacts due to reduced brine salt concentration
- Expected to resolve water shortages in the region and be rolled out to other water-stressed areas



A sewage treatment plant in eThekweni is the planned site of the RemixWater demonstration project

URL

https://www.hitachi.com/businesses/infrastructure/product_site/water_environment/remix_water/index.html



URL

<http://www.hitachi.com/New/cnews/month/2016/11/161118a.html>



URL

https://www.hitachi.com/sustainability/sdgs/business/index.html#sdgs_03





Newmont supports participatory integrated catchment management in Western Australia



RELATED SDGS GOALS



SDGS 169 TARGETS

6.5 Implement integrated water resources management
6.b Support the participation of local communities in improving water & sanitation management

PRIMARY COUNTRY

Australia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2017 Newmont Boddington Gold and the Peel-Harvey Catchment Council, a community-based natural resource management organisation, entered into a new five year partnership. Building on many years of collaboration, the agreement will enable host communities, Traditional Owners, farmers and others to develop their own priorities and approach to effective management of the catchment. This will include development of a River Action Plan for the Hothman and Williams Rivers, education workshops, sustainable land use planning and environmental studies and research. Importantly the funding will also Peel-Harvey Catchment Council to employ a landcare officer.

2 IMPACT ON SOCIETY

- Participatory development of a River Action Plan for the Hothman and Williams Rivers
- Environmental research and studies
- Delivery of biosecurity activities, including education and training

URL

<http://www.minerals.org.au/sites/default/files/Newmont%20Case%20Study%20WEB.pdf>



Paani - Safe Water Initiative



RELATED SDGS GOALS



SDGS 169 TARGETS

6.1 Achieve universal access to safe & affordable drinking water
17.17 Encourage effective public, public-private & civil society partnerships

PRIMARY COUNTRY

Pakistan

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Pakistan Council of Research in Water Resources (PCRWR) report reveals that 44% of Pakistan's population is without access to safe drinking water. UNICEF reports that patients with water-related diseases occupy 20-40% of hospital beds in Pakistan. "Pakistan Waters at Risk" states that 33% of deaths in Pakistan are due to water borne diseases.

To provide safe drinking water in Pakistan, CCI launched the Paani Initiative in 2015 in collaboration with WWF Pakistan, Rotary International Pakistan and Clean Water Trust.

Each plant has the capacity to produce over 2,000 liters per hour and serve a community of 20,000 people every day.

2 IMPACT ON SOCIETY

Over the course of three years,

- 25 filtration plants are set up since 2015.
- 15 million liters of safe drinking water is provided.
- Water access for 850,000+ individuals is enabled.
- 10-15% decrease in the outbreak of diseases is observed



URL

<https://www.cci.com.tr/en/sustainability>



URL

<https://www.cci.com.tr/en/sustainability/our-focus-areas/community-development>





Replenish Africa Initiative (RAIN)



RELATED SDGS GOALS



SDGS 169 TARGETS

- 6.1 Achieve universal access to safe & affordable drinking water
- 6.2 Achieve access to adequate & equitable sanitation / hygiene for all
- 6.4 Increase water-use efficiency

PRIMARY COUNTRY

41 countries across Africa

OTHERS

Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cabo Verde, Cameroon, Chad, Cote D'Ivoire, DRC, Egypt, Ethiopia, Ghana, Guinea, Kenya, Liberia, Madagascar, Malawi, Mali, Mauritania, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, Somaliland, South Africa, Sudan, Swaziland, Tanzania, The Gambia, Togo, Tunisia, Uganda, Zambia, Zimbabwe

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2010, Coca-Cola launched Replenish Africa Initiative (RAIN) to measurably improve the lives of over 6 million people in Africa through a wide range of water-based initiatives which drive progress towards achieving the SDGs. Harnessing Coca-Cola's presence, networks and engagements with diverse stakeholders, and working with over 140 best-in-class partners from



governments, the private sector and civil society, RAIN tailors programs to each community to meet the specific needs. RAIN creates catalytic change across the African continent by building the capacity of champions who inspire the growth and development of sustainable water and sanitation access.

2 IMPACT ON SOCIETY

To date, RAIN has reached nearly 3 million people in 41 countries through water based-initiatives. RAIN has economically empowered nearly 25,000 women and youth and enabled the return of over 8 million liters of water to communities and nature.



URL

<https://www.coca-colacompany.com/rain>

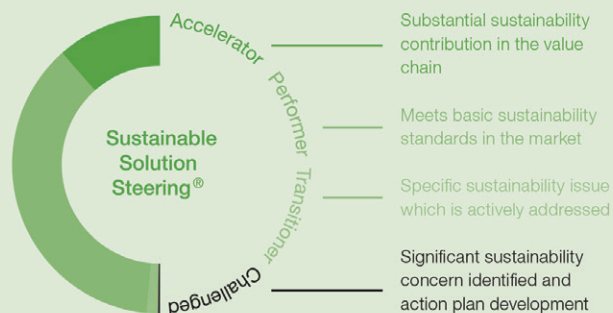




SUSTAINABLE SOLUTION STEERING®

We translate megatrends into products to contribute to sustainability needs.

- Analyze sustainability needs and trends of value chains
- Check product sustainability performance in the market segments
- Develop action plans for strategies, R & D and market approach



RELATED SDGS GOALS



PRIMARY COUNTRY

worldwide

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

With the Sustainable Solution Steering®, BASF has built an instrument to steer the sustainability performance of its products and services portfolio. Since 2014, BASF has assessed over 60,000 products and used the resulting portfolio segmentation twofold. Firstly, to further develop highly sustainable solutions and increase their share, and secondly, to reduce the share of less sustainable products. The Project is integrating sustainability into strategic, R&D and customer support processes and safeguards contribution by each business unit with Sustainable Solution Steering® targets. BASF has communicated targets publicly, and applies them to every business unit.

2 IMPACT ON SOCIETY

Product Safety: benefits from enhanced view on product safety requirements along the value chain from raw materials to end consumer
Marketing: integrates sustainability value in product positioning and benefits from differentiation at B2B customers

URL

<https://www.basf.com/global/de/who-we-are/sustainability/management-and-instruments/sustainable-solution-steering.html>





THE COCA-COLA COMPANY

U.S. CHAMBER OF COMMERCE FOUNDATION
Corporate Citizenship Center

USA



Water and Development Alliance (WADA)

RELATED SDGS GOALS



SDGS 169 TARGETS

- 6.1 Achieve universal access to safe & affordable drinking water
- 6.2 Achieve access to adequate & equitable sanitation / hygiene for all
- 6.4 Increase water-use efficiency

PRIMARY COUNTRY

Global

OTHERS

Angola, Benin, Bolivia, Burkina Faso, Burundi, Cameroon, Côte D'Ivoire, Egypt, El Salvador, Ethiopia, Ghana, Guatemala, Guinea, Indonesia, Jordan, Kenya, Madagascar, Malawi, Mali, Morocco, Mozambique, Namibia, Niger, Nigeria, Senegal, Sierra Leone, South Africa, Tanzania, The Gambia, Togo, Uganda, Zambia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

WADA is a global partnership between Coca-Cola and the U.S. Agency for International Development (USAID) to partner with companies, communities, and governments to address challenges and harness opportunities connected to water. WADA's enterprise-driven approach brings together business capabilities of the Coca-Cola system with USAID's premier development expertise to create solutions that help develop thriving communities, grow stable economies, and strengthen resilient environments around the world. Launched in 2005,

USAID and Coca-Cola have jointly invested nearly \$40 million to support water and sanitation projects around the world.

2 IMPACT ON SOCIETY

To date, WADA has provided improved safe drinking water access to over 580,000 people, improved sanitation access to over 284,000 people, and improved the management of over 1 million acres of land.



URL

<https://www.globalwaters.org/WADA>


URL

<https://www.globalwaters.org/resources/blogs/wada/ripple-effect-supporting-womens-empowerment-through-water>


URL

<https://medium.com/usaids-global-waters/photo-essay-transforming-vulnerable-communities-through-water-access-in-madagascar-315758713624>




Water and Development Alliance (WADA)

- Improving urban water security in Madagascar

RELATED SDGS GOALS



SDGS 169 TARGETS

- 6.1 Achieve universal access to safe & affordable drinking water
- 6.2 Achieve access to adequate & equitable sanitation / hygiene for all
- 6.4 Increase water-use efficiency

PRIMARY COUNTRY

Madagascar

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

WADA is a global partnership between Coca-Cola and the U.S. Agency for International Development (USAID) to partner with companies, communities, and governments to address challenges and harness opportunities connected to water. In May 2017, WADA-Madagascar launched with Water & Sanitation for the Urban Poor (WSUP) to improve access to safe water and sanitation services for more than 450,000 people across three cities in Madagascar, while also increasing economic empowerment opportunities, especially for women. WSUP is working with the national water utility JIRAMA, national and city governments and local communities to extend water services into unserved low-income areas.

2 IMPACT ON SOCIETY

WADA will improve the health and well-being of more than 450,000 Malagasy people through improved water and sanitation services while increasing the capacity of JIRAMA to be more resilient and increase economic opportunities for over 2,500 people, primarily women.



URL

<https://www.globalwaters.org/WADA>



URL

<https://www.usaid.gov/madagascar/press-releases/04-24-2018-usaid-and-coca-cola-launch-partnership-improving-access>



URL

<https://medium.com/usaid-global-waters/photo-essay-transforming-vulnerable-communities-through-water-access-in-madagascar-315758713624>





Business Action for sustainable and resilient societies

OMC Power is a small-scale solar plant operator that supports rural areas in India with clean and affordable electricity services by relying on smart grid technology.

OMC Power builds, owns, operates and maintains solar power plants and mini-grids in rural areas of India where the quality and supply of electricity is unreliable. It provides clean electricity services to rural communities using smart grid and technology which can be programmed for each customer based on their requirements for the time and duration of the power supply. The pre-paid model ensures effective and affordable delivery of electricity for individuals, small business owners and larger companies

Credit Suisse has performed more than US\$77 billion in renewable energy transactions since 2010. 76% of the electricity consumed in Credit Suisse offices in 2017 was generated using renewable energy.

Credit Suisse began monitoring and scaling its financial transactions for renewable energy in

2010, and has since then performed 100 transactions worth more than US\$77 billion in solar, wind, geothermal, biomass energy and biofuels. The company also strives to source its energy used in office buildings from climate-friendly sources. In 2017, a total of 321 million kilowatt hours or 76% of the electricity consumed by Credit Suisse globally was generated using renewable energy.

Thai Union installed 2,970 solar panels at its Samutsakorn Province factory to avoid accumulated heat and air conditioning power consumption, reducing 720 tons of CO2 emissions per year.

The project also reduced accumulated heat in the plant's building, and thereby its power use from

air conditioning. To ensure safety, leak prevention measures and appropriate grounding conductors were incorporated. The success of this pilot project has inspired other organisations in Thailand and has generated significant interest for site visits from both domestic and international governments as well as private sector representatives.

Google is using machine learning to reduce the amount of energy used for cooling data centres by 40% and 15% for overall energy overhead.

Google's leading artificial intelligence research group, DeepMind, has developed machine learning technology that reduces the amount of energy used for cooling

data centres by 40% and 15% for overall energy overhead. Using historical data and a system of neural networks trained on different operating scenarios and parameters within Google's data centres, the company uses the ratio of building energy usage to IT energy usage to ensure that energy consumption does not exceed its operating constraints. Google aims to publish its findings to enable other data centres to make the same energy savings in the future



IBERDROLA S.A

CEOE

CONFEDERACIÓN ESPAÑOLA DE
ORGANIZACIONES EMPRESARIALES

SPAIN

"Electricity for all" Program



RELATED SDGS GOALS



SDGS 169 TARGETS

7.1 Ensure universal access to energy services

PRIMARY COUNTRY

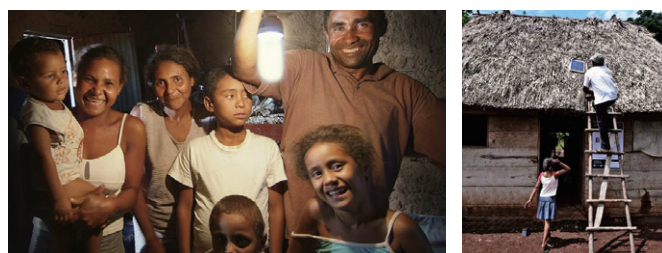
Brasil

OTHERS

Mexico, Brasil, Tanzania

2 IMPACT ON SOCIETY

Improves the quality of life of people, reduces inequalities between men and women and in, among others, the significant reduction of emissions by avoiding the burning of biomass or other compounds with high CO₂ content. With the Electricity for All program, Iberdrola launched a specific program focused on contributing to the SDG 7 -affordable and non-polluting energy-, in particular the goal 7.1-By 2030, guarantee access universal to affordable, reliable and modern energy services. It responds to the group's decision to make SDGs, the United Nation's agenda for the 2030 horizon, part of our strategy.



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

"The "Electricity for all" program of Iberdrola aims to ensure access to electricity in developing countries, through modern forms of energy, with environmentally sustainable, economically acceptable and socially inclusive models.

It has three lines of action:

- Investment in capital.
- Activity linked to Iberdrola's business
- Projects with a high social component

The program was launched in January 2014, and a total of 5,4M have benefited from access to electricity in different countries in Latin America and Africa by the end of 2018. The initial objective (4M in 2020) was achieved in December 2017, and published a new objective: 16M of beneficiaries by 2030.

URL

<https://www.iberdrola.com/about-us/society/disadvantaged-groups/electricity-all-program>



URL

<https://www.iberdrola.com/press-room/news/detail/2030-iberdrola-will-bring-electricity-million-people-emerging-developing-countries-present-live-without>





WACKER Polysilicon for Photovoltaics

RELATED SDGS GOALS



PRIMARY COUNTRY

Worldwide

13. High purity polysilicon from WACKER has contributed to the breakthrough of solar energy. Polysilicon in solar saves huge amounts of green house gases. The photovoltaic industry is today a global market with high growth potential. High purity polysilicon is the key raw material of this industry. As a pioneer, WACKER is today one of the world market leaders in the production of this exceptionally pure material and quality leader, enabling highest efficiencies.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE



The research & development, production and marketing of the necessary raw material polysilicon for renewable energy contributes significantly to achieving the development goals 7 and

2 IMPACT ON SOCIETY

- Enhancing access to affordable energy
- Supporting food preparation, heating homes and clean drinking water
- Supporting business activities



URL

https://www.wacker.com/cms/en/products/brands_2/polysilicon_1/polysilicon.jsp





Mandalay Resources

supports a vibrant regional community to grow



RELATED SDGS GOALS



SDGS 169 TARGETS

8.5 Achieve full & productive employment & decent work
8.1 Sustain per capita economic growth

PRIMARY COUNTRY

Australia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Mandalay Resources partnered with Heathcote residents to address a major community challenge - the absence of a local childcare centre. Lack of child and family services affected health and education outcomes and deterred families with young children from moving to the vibrant town. Mandalay funded a project feasibility study and a community champion to build support and develop a long-term business case for a children's hub. This led to the Victorian Government and local parish contributing financial and in-support, enabling the project to proceed. Strong local support meant community members also assisted with construction of hub facilities.

2 IMPACT ON SOCIETY

- The hub can provide care for 76 children, support 37 jobs and likely stimulate \$660,000 of economic activity annually.
- Access to child and family services will help improve education and health outcomes and enable families to move to the town.

URL

<http://www.minerals.org.au/sites/default/files/Mandalay%20Case%20Study%20WEB.pdf>





Newmont leads the way on Indigenous economic inclusion

RELATED SDGS GOALS



SDGS 169 TARGETS

8.5 Achieve full & productive employment & decent work

PRIMARY COUNTRY

Australia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Newmont's partnership with the Martu people demonstrates a cooperative, intergenerational and multi-faceted approach to the inclusion of Indigenous peoples. Key aspects of the partnership included tailored employment and training programs, flexible work opportunities and investments in social infrastructure. The program also includes assistance to travel to Telfer, with Martu drivers driving over 500,000 kilometres per year to transport Martu employees to and from the site. Business development is also a priority, with Telfer assisting the Martu people to establish a road construction business.

2 IMPACT ON SOCIETY

- More than 500 Martu men and women have worked at Newmont's Telfer mine, providing meaningful work opportunities in a remote region of Western Australia
- Newmont benefits from access to a diverse and local workforce



URL

<http://www.minerals.org.au/sites/default/files/Newcrest%20Case%20Study%20WEB.pdf>





Street Scooter



RELATED SDGS GOALS



PRIMARY COUNTRY

Germany

OTHERS

Some other European countries, e.g. Austria and Great Britain

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Deutsche Post DHL Group used environmental and social aspects as starting points to innovate for emission-free delivery in cities. This approach resulted in the StreetScooter, developed in a collaborative manner, jointly with a start-up of the RWTH Aachen University and with the couriers of Deutsche Post DHL Gr.. As a result, the StreetScooter fleet has today about 9,000 vehicles in suburban and urban areas. Starting 2013, Deutsche Post DHL Gr. introduced electric vehicles for CO₂ free delivery in various cities in Germany, as well as in Austria and England, resulting in zero emissions and reduced noise in the cities, and providing more ergonomic working conditions for its drivers.

2 IMPACT ON SOCIETY

Increased employee satisfaction, improved working conditions, high identification of employees with StreetScooter vehicle and the company's GoGreen program, positive perception by customer and public; "greener cities-greener societies-approach"



URL

<https://www.deutschepost.de/de/s/streetscooter/kaufen.html>



URL

<https://www.dpdhl.com/en/responsibility/organization-and-strategy/sustainable-development-goals.html>





THE 3RD INDUSTRIAL REVOLUTION IN HAUTS-DE-France FINANCING THE ECONOMY OF THE FUTURE IN France



RELATED SDGS GOALS



PRIMARY COUNTRY

France

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Initiated in 2012, this pilot project led hand in hand by CCI and the Hauts-de-France Regional Council aims to support the economic and environmental transition in full coherence with the Third Industrial Revolution to build a transition towards the next economy.

This dynamic has already allowed the development of more than 1000 projects both in the public and private sector.

Innovative solutions have been developed in terms of financing and tracability such as the rev3 savings account initiated with the Crédit Coopératif.

2 IMPACT ON SOCIETY

- Economic competitiveness and business development around new economic models
- Job creation around new economic sectors
- Research development converted into action
- Sustainable development of territories



URL

<https://rev3.fr>



URL

<https://www.credit-cooperatif.coop/Particuliers/Tous-les-produits-engages>



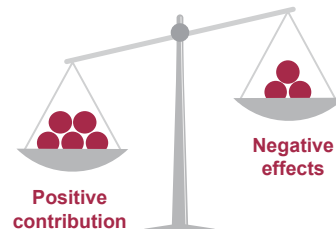


"Value-to-Society" approach

"VALUE-TO-SOCIETY" APPROACH MEASURES OUR CONTRIBUTION TO A SUSTAINABLE FUTURE

Our economic, social and environmental value contribution

■ Wages
■ Taxes
■ ...



■ Emissions
■ Resources
■ ...

BUSINESS ACTIVITIES > IMPACT ON PEOPLE AND ENVIRONMENT > VALUE-TO-SOCIETY IN MONETARY TERMS (€)

RELATED SDGS GOALS



PRIMARY COUNTRY

Worldwide

activities. Our Value-to-Society approach is aligned with the most recent frameworks such as the Natural and the Social and Human Capital Protocols. We engage in various initiatives and organizations to share our knowledge and contribute to further alignment.

1 OUTLINE OF A PROJECT/GOOD AND SERVICE

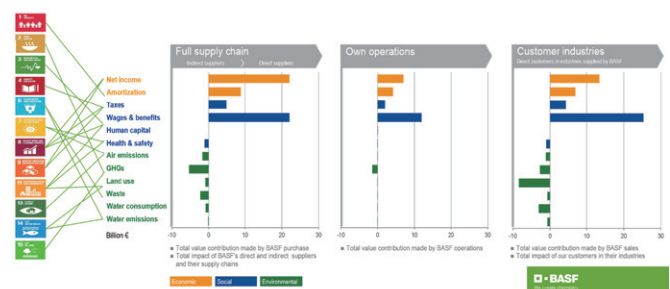
Based on our company purpose "We create chemistry for a sustainable future", we strive to improve our positive contribution to society and minimize our negative effects. With Value-to-Society we assess how our business activities affect the world around us. It is a cornerstone of our efforts to identify, quantify, value, and demonstrate our economic, social, and environmental impacts.

With the Value-to-Society approach, we are entering a new area of performance measurement going beyond established qualitative and quantitative assessments. We quantify and value the financial and non-financial external effects of our business activities in society in a common unit – in euro. The results reflect our 'real' value contribution, our benefits and costs to society; e.g. the societal costs of carbon emissions.

We want to measure the value proposition of our actions along the entire value chain, aware that our business activities are connected to both positive and negative impacts on the environment and society. We strive to increase our positive contribution to society and minimize the negative effects of our business

2 IMPACT ON SOCIETY

According to our analysis, our value contribution to society has been net positive from 2013 to 2017 (increase by almost 10% in last year), and the results show a stable distribution of economic, social, and environmental impacts. In each step of the value chain, the benefits of our business activities substantially exceed the costs to society. Economic impacts are positive along with taxes, wages and benefits human capital. Negative impacts are health and safety incidents as well as impacts on the environment. We link our Value-to-Society approach with the Sustainable Development Goals.





BBVA OPEN TALENT

RELATED SDGS GOALS



SDGS 169 TARGETS

- 9.3 Increase the access of small-scale industrial enterprises to financial services
- 9.5 Enhance scientific research, upgrade the technological capabilities for innovation
- 8.3 Promote development-oriented policies for micro-, small- & medium-sized enterprises

PRIMARY COUNTRY

Spain

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

It's the world's biggest fintech competition and has welcomed startups from more than 90 countries over 10 editions. We are looking for the most innovative solutions to transform the financial sector. Open Talent identifies fintech startups at an early stage, with many of the entrants at pre-seed or seed stage. These are companies harnessing new technologies such as API, SaaS, automation, and cloud computing to build their products. This year saw more than 800 startups across 90 different countries apply. The eight Open Talent finalists were also fast-tracked onto the bank's 'proof of concept' (PoC) workstream and receive a €50,000 prize.

2 IMPACT ON SOCIETY

BBVA Open Talent provides opportunities for the most promising fintech startups to partner with a leading global bank, helping them to overcome specific challenges that may be preventing them from scaling by leveraging the bank's expertise and resources.

URL

<https://opentalent.bbva.com/>



URL

<https://www.bbva.com/en/bbva-among-europes-most-collaborative-corporations-with-startups/>





Digital Transformation: Use of new technologies



RELATED SDGS GOALS



SDGS 169 TARGETS

9.1 Develop quality, reliable, sustainable & resilient infrastructure
9.5 Enhance scientific research, upgrade the technological capabilities for innovation
9.4 Upgrade infrastructure & retrofit industries to make them sustainable

PRIMARY COUNTRY

Spain

OTHERS

Mexico, Turkey & US

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Blockchain Technology: We have standardized all legal clauses and its relationship between term sheets and contracts, meaning that we can quickly auto generate all the documentation after closing the negotiating phase. With blockchain we can guarantee immutability and transparency.

Big Data Technology: BBVA VALORA: a home purchase using a digital product that provides guidance. BBVA Valora tool can be used by mobile phone through the BBVA app or through the bank's website. By simply plugging in the exact address of the property, the tool provides purchase and rental prices as well as what would be a good negotiated price.

2 IMPACT ON SOCIETY

We developed these applications to make it easier and quicker for our clients to meet their financing needs. We wanted the process to be completely transparent without any slow and extensive manual processes.

In the case of BBVA Valora, the tool adds, on average, 125,000 property search per month.

The latest news from BBVA Valora is the "Buy or rent" tool. This service calculates the different costs of buying a house and the monthly rent and the tool advises on which of the two options is more advantageous.

Regarding Blockchain technology, the bank formalized the world's first corporate loan using blockchain technology with Indra. The use of blockchain technology in syndicated loans will occur progressively. To do so, greater collaboration is needed between the different entities, and a clearer commitment by some of them in a field that has traditionally been scarcely digitized.

URL

<https://www.bbva.com/en/bbva-and-porsche-holding-close-an-acquisition-term-loan-using-blockchain-technology/>



URL

https://www.bbva.es/eng/general/apps/valora-view.jsp?diren=valora-view&cid=sem:br:ggl:spain---hipotecas-valora_view--:br_valoraview_open_bmm_consideration::bbva_valora_view:m::text::





i4cast® software



RELATED SDGS GOALS



SDGS 169 TARGETS

- 9.1 Develop quality, reliable, sustainable & resilient infrastructure
9.4 Upgrade infrastructure & retrofit industries to make them sustainable
9.5 Enhance scientific research, upgrade the technological capabilities for innovation

PRIMARY COUNTRY

Brazil

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

i4sea developed i4cast® - a software powered by high precision ocean, weather and vessel dynamics forecasts to inform the best moments for vessel-related operations. Coupled with a powerful ship's and cargo's planning software, big data and analytics tools, i4cast® can support port terminal's decision making on the best moments to sail, dock, undock and ship more cargo, more often, more safely.

Since 2017, At TECON Salvador (Bahia-Brazil) the software allowed the shipment of additional 1000 container units per ship more safely. At Port of Cotegipe (Bahia-Brazil) the software identified a 4 fold increase in window availability to operate ships.

2 IMPACT ON SOCIETY

- Enhanced port terminal's efficiency and safety levels;
- Accidents rates decrease;
- Positive impact on international logistics efficiency;
- Strong reduction in CO2 emissions, due to more loaded ships;
- Reduction of dredging and port infrastructure construction costs and related environment impacts;
- Support to environmental impacts contingency actions;

BEST WINDOW® INTEGRATED PLANNING

DON'T LOSE ANY MINUTE OF YOUR TERMINAL'S SAILING WINDOW.

By combining the hyperlocal forecasts (ATM OCEAN®) with the vessel characteristics (PRIME UKC®) and local navigation restrictions defined by local Maritime and Port Authorities, BEST WINDOW® allows the optimization of the sailing windows and the terminal's docking operations.



PRIME UKC® DYNAMIC UNDER KEEL CLEARANCE

TAKE ADVANTAGE OF EACH CENTIMETER.

Have access to the dynamic draft for each specific vessel at the berths and navigation channels with several days in advance.



URL

www.i4sea.com



Accessible and independent social life for visually disabled people



RELATED SDGS GOALS



SDGS 169 TARGETS

- 10.3 Ensure equal opportunity & reduce inequalities of outcome
- 10.2 Empower the social, economic & political inclusion of all
- 11.7 Provide universal access to safe, inclusive & accessible, green & public spaces

PRIMARY COUNTRY

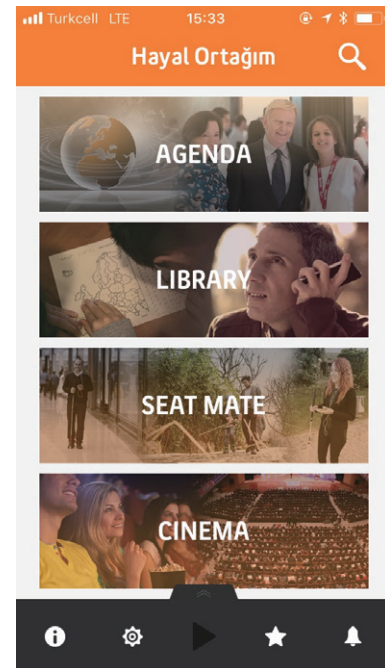
Turkey

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

My Dream Companion application enables visually disabled individuals to easily access information, and provides them more independent social life. Users can access thousands of daily news, columns, audio books, trainings, magazines. Indoor navigation technology provides access detailed information about the stores they are passing through in the shopping malls, and direct them to the relevant store. Transportation technology is providing accessible experiences for visually disabled people. Moreover, MDC provides audio description for the first time in the world without any extra equipment. By this technology, visually disabled people are able to watch movies in all theaters without missing visual details.

2 IMPACT ON SOCIETY

- Providing visually disabled people independent, equal and full participation to social life by making accessible public areas and facilities with the power of technology



URL

<https://www.turkcell.com.tr/servisler/turkcell-hayal-ortagim>





Business Action for sustainable and resilient societies

Airbnb aims to provide free temporary accommodations for 100,000 displaced people by 2022 by encouraging hosts to list their homes for free on its Open Homes platform.

Airbnb has already provided free temporary accommodations for 11,000 refugees from over 52 different countries thanks to its Open Homes platform, which encourages hosts to offer housing to those displaced by natural disasters, conflict or illness. Through partnerships with different organisations such as the International Rescue Committee, Airbnb is helping improve the lives of many asylum seekers and facilitating their integration into communities across Europe and North America. Currently there are 6,000 zero-dollar listings available on the platform for those in need and Airbnb aims to provide housing for 100,000 people by 2022.

Alstom increased its portfolio of eco-designed products by 108% between 2014 and 2017, and aims to cut 20% of its energy consumption by 2020

Alstom develops green solutions for trains and smart railways systems. By continuously improving the environmental performance of its solutions, Alstom strives to

reduce their lifecycle cost (trains are now 92% recyclable and 97% recoverable). It also provides its clients with energy efficiency solutions, such as eco-driving tools, enhanced energy management systems, braking energy recovery, or energy storage. Alstom increased its eco-design portfolio from 12 to 14 products between 2014 and 2017. As of March 2018, the company has cut 14% of energy consumption and aims to cut another 6% in the next two years.

Geberit contributes to green buildings in cities and communities by using Building Information Modelling to optimise water management as well as the entire planning and building process.

Geberit develops products with reliable technology and good environmental compatibility and

recyclability. It also contributes to green building in cities and communities with its modular product range and its system solutions. By offering Building Information Modelling, Geberit optimises the entire planning and building process and enables water management to be holistically planned, simulated in the respective context and implemented as a system solution.

Unilever has put in place several programmes, such as the Community Waste Bank Programme in Indonesia, to work with consumers, retailers and municipal authorities in places with limited infrastructure for recycling waste.

Unilever's Sustainable Living Plan was implemented to help 1 billion people improve their health and hygiene through its everyday products that can help prevent diseases prevalent in cities lacking basic services. In 2017, Unilever reached 601 million people.

Unilever is committed to halving the waste associated with the disposal of its products by 2020 and it has already achieved a zero waste to landfill target within its global factory network. Unilever has also put in place several programmes, such as the Community Waste Bank Programme in Indonesia, to work with consumers, retailers and municipal authorities in places where there is limited infrastructure for recycling waste. A range of approaches to tackling hygiene, poor sanitation and lack of laundry facilities and drinking water are brought together as well at the Suvidha Community Hygiene Centre in India.



Improved organic waste collection in market areas through the use of biodegradable and compostable bags

RELATED SDGS GOALS



SDGS 169 TARGETS

- 11.3 Enhance inclusive & sustainable urbanization
- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 12.7 Promote public procurement practices that are sustainable

PRIMARY COUNTRY

Italy

OTHERS

Replicable in other contexts and countries

thus producing energy and compost, a soil fertilizer, with valuable overall environmental benefits. Based on these results the biowaste collection is now extended to the all 94 open street markets.

2 IMPACT ON SOCIETY

1. Increasing organic waste source separation (+370% in Milan)
2. Improving street cleaning conditions of the stands after sales to allow reduced cleaning operations
3. Lower environmental impacts (i.e. GHG emissions, air quality) thanks to the energy and material recovery of organic waste

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2016, Novamont, together with AMSA (public-owned company responsible for MSW management in Milan), led an experimental project with the aim to increase the source separate collection of biowaste in fifteen Milan open markets through the distribution of compostable bags made of Mater-Bi and sack holder trestles. The experimental results showed an extraordinary increase of the organic waste collected (+370%). This allowed to recover the biowaste through anaerobic digestion

URL

<https://www.novamont.com/eng/>



URL

<http://materbi.com/en/solutions/waste-management/>



URL

<https://www.youtube.com/watch?v=6FPVcRnHyJD>



Nickel Plant Decommissioning



Norilsk before nickel plant decommissioning

RELATED SDGS GOALS



SDGS 169 TARGETS

11.6 Reduce the adverse per capita environmental impact of cities
3.9 Reduce deaths & illnesses from hazardous chemicals & pollution
9.4 Upgrade infrastructure & retrofit industries to make them sustainable

PRIMARY COUNTRY

Russian Federation

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In August 2016, two months ahead of schedule, Nornickel shut down obsolete Nickel Plant in the city of Norilsk, the oldest nickel plant in the country (active since 1942). The shutdown, which was a major milestone in improving the environmental situation on the Taymir Peninsula, resulted in reduction of SO₂ emissions in Norilsk residential area by 30%. It was an important phase of Company's large-scale, environment-focused programme for Norilsk region, aiming at 75% total SO₂ emissions in Norilsk Region by 2023.

2 IMPACT ON SOCIETY

This project is unprecedented in terms of social guarantees provided to the plant's employees, 65% of which were reemployed within the Company. All proceedings have been conducted with protection of human and labor rights.



Norilsk after nickel plant decommissioning

URL

<https://www.nornickel.com/investors/esg/nickel-plant-shutdown/>



URL

https://www.nornickel.com/upload/iblock/d44/NN_CS02017_WEB_ENG.pdf



Resettlement programs for rural communities in Burkina Faso



More than 1000 new concrete houses were built for the resettled people.

Local contractors were hired to build the houses and general infrastructure that gave hundreds of temporary jobs for the local economy.



RELATED SDGS GOALS



SDGS 169 TARGETS

By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums
Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials
By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

PRIMARY COUNTRY

Burkina Faso

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

As part of its Bissa-Bouly gold mine's expansion, Nordgold built over 1'000 new concrete quality houses for local communities, as well as socio-economic infrastructure including 16 water wells, eight mosques, one Protestant and two Catholic churches, four community centers, seven primary schools and one secondary school (each with houses for teachers and a water well), eight sport fields and a vaccination center.

The resettlement project was implemented in 2015-2017 in line with IFC Performance Standard 5. The planning process was participatory including extensive community consultations about design of the houses, necessary public infrastructure, etc."

2 IMPACT ON SOCIETY

- High-quality housing for 5'000+ people
- Sustainable and resilient buildings utilizing local materials
- Better access to education, water and sanitation
- People of 3 confessions peacefully live together: 8 mosques, 1 Protestant and 2 Catholic churches built



URL

http://www.nordgold.com/upload/_/Nordgold_Bouly_resettlement_program.pdf



Sakhalin Indigenous Minorities Development Plan

RELATED SDGS GOALS



SDGS 169 TARGETS

- 11.4 Strengthen efforts to protect the world's cultural / natural heritage
- 2.4 Ensure sustainable food production systems
- 3.8 Achieve universal health coverage
- 4.1 Ensure free, equitable & quality primary / secondary education
- 4.3 Ensure equal access to affordable & quality technical, vocational & tertiary education
- 8.5 Achieve full & productive employment & decent work

PRIMARY COUNTRY

Russia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Sakhalin Indigenous Minorities Development Plan was launched in 2006. Main results to date:

- Effective business- indigenous community engagement - the first example of using free, prior and informed consent principle (UN Declaration on the Rights of Indigenous Peoples, IFC PS 7) by private company in the world.
- A platform for Sakhalin-wide discussion of indigenous issues.
- True tri-sector partnership (indigenous community - business - government) for development and implementation of the programme.



2 IMPACT ON SOCIETY

- More than 700 projects (capacity building, education, healthcare, preservation and study of indigenous languages, support for indigenous households and traditional culture) have been implemented.
- Special Grievance Procedure is developed in compliance with UN Guiding Principle on Business and Human Rights.
- Development of public sector - NGOs are receiving trainings and financial support of their initiatives.



URL

<http://www.sakhalinenergy.ru/en/>



URL

<http://www.sakhalinenergy.ru/en/social/sdg/>



URL

<http://www.simdp.ru/eng.php>





The Role of ICT in Building Smart Cities

RELATED SDGS GOALS



SDGS 169 TARGETS

11.3 Enhance inclusive & sustainable urbanization
16.6 Develop effective, accountable & transparent institutions

PRIMARY COUNTRY

China

OTHER COUNTRY

Germany, Spain, Chile, Philippines, etc.

and devices that provides an extensible integration ecosystem for partners and solution providers. The company is one of the few vendors in the industry that provides a holistic set of ICT solutions featuring a 'cloud-pipe-device' synergy and is a leader in the integration of the physical and digital worlds.

2 IMPACT ON SOCIETY

- enhancing the livelihood of citizens
- improving government efficiency
- increasing competitiveness of business operation



URL

<https://e.huawei.com/en/solutions/industries/smart-city>



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE



Huawei's Smart City solutions use the latest ICT to build a 'nervous system' for smart cities using real-time situation reporting and analysis that combines cloud computing, IoT, Big Data, and AI. To support this innovative approach, Huawei has developed an open solution platform for applications

Agriculture production management solution that helps increase food production – resource optimization and higher management control



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.2 Achieve the sustainable management & efficient use of natural resources
- 2.3 Double the agricultural productivity
- 2.4 Ensure sustainable food production systems

PRIMARY COUNTRY

Brazil

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

HydroControll is a high technology platform that helps connect workers on the field to their own tillage, using meteorological data, satellite images, artificial intelligence and specialized technical support.

It has 3 modules:

- analytics, to manage intelligence data about water needs, soil, weather and equipment;
- data analysis of localized rainfall and vegetation, soil moisture (through satellite images) and wetness index; and
- automation, with complete and integrated automation of all equipment.

2 IMPACT ON SOCIETY

- H**elps increase food production by using high-end technology of field monitoring;
- Creates environmental sustainability by reducing resource use;
- Can reduce energy consumption by 30%.



URL

<https://stefanini.com/pt-br/trends/noticias/ihm-e-hidrofert-lancam-solucoes-tecnologicas-para-segmento-agricola>

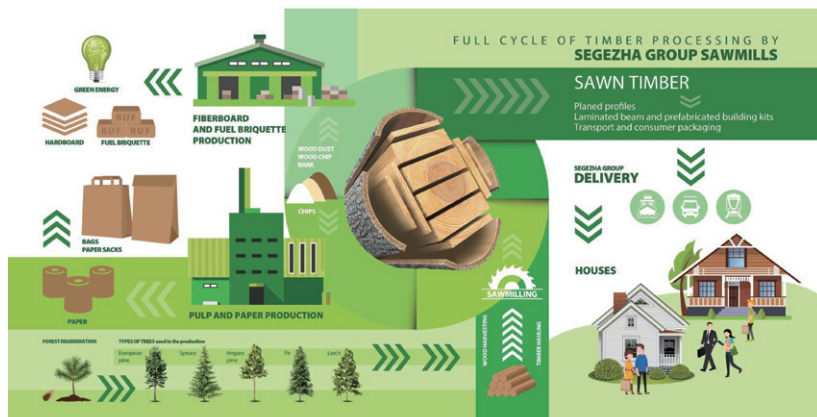


URL

<https://www.youtube.com/watch?v=X6KfkNBwROs>



Bioenergetic Technologies in Forest Industry



RELATED SDGS GOALS



SDGS 169 TARGETS

- 7.2 Increase the share of renewable energy in the global energy mix
- 7.3 Double the global rate of improvement in energy efficiency
- 7.b Expand infrastructure for supplying sustainable energy services in developing countries
- 12.2 Achieve the sustainable management & efficient use of natural resources
- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 12.5 Reduce waste generation through prevention & 3R
- 13.3 Improve human & institutional capacity on climate change
- 15.1 Ensure the conservation, restoration & sustainable use of terrestrial & inland freshwater ecosystems

PRIMARY COUNTRY

Russia

OTHERS

Segezha Group key assets are located in six regions of Russia and in Denmark, Netherlands, Germany, Italy, Turkey, Romania, Czech Republic. The Group distributes its products in 87 countries worldwide.

2 IMPACT ON SOCIETY

53 % of waste are already either recycled or used to receive valuable components. The mill own bio-boiler will reduce consumption of fuel oil within 30%, and its emissions – up to 40%. Pellets are x1,5 more effective than wood.



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The process of timber production causes creation of lumber sawing byproducts, such as bark, filings and chipped wood. In 2018 the company implemented 3 projects in field of bioenergy in Republic of Karelia, Vologda Region and Krasnoyarsk Krai. Lumber sawing byproducts remained after timber processing now are being used as raw materials for two newly built pellet plants producing 12,000 and 70,000 tons per year of ecofriendly source of power – fuel pellets. In addition, byproducts are used in Pulp and Paper Mill own boiler house to generate heat and steam for the enterprise's own needs.

URL

<https://segezha-group.com/en/press-center/news/within-the-framework-of-the-3rd-stage-of-modernization-sppm-updated-the-forest-and-wood-equipment/>



URL

<https://segezha-group.com/en/press-center/news/segezha-group-to-build-a-pellet-plant-in-siberia/>



URL

<https://segezha-group.com/en/press-center/news/pellet-production-begins-at-sokol-integrated-woodworking-plant/>



Carbon Neutral Programme



RELATED SDGS GOALS



SDGS 169 TARGETS

13.3 Improve human & institutional capacity on climate change

PRIMARY COUNTRY

Brazil

OTHERS

Argentina, Chile, Peru, Mexico and Colombia

2 IMPACT ON SOCIETY

- Since 2009, carbon emissions are considered to calculate the annual bonus paid to Natura's executives.
- The company reduced one-third of its CO₂ emissions by 2013, avoiding 480,000 metric tons of CO₂ emissions – or 83,000 trips around the Earth by car.



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Since 2007 Natura is carbon neutral, prioritizing the reduction of direct and indirect emissions throughout the production chain, in addition to offsetting 100% of what cannot be avoided. A mandatory stage in the company's innovation process is the Environmental Calculator. This digital system uses information about packaging and formulas to calculate the environmental impact of a product while it is still at the development stage, helping on the decision to proceed or to interrupt its development. The calculator is supported by a software that assesses carbon emissions and other information, such as potential for recycling, life cycle and ingredients.

URL

<https://www.natura.com/>



CHAMPIONS 12.3

Champions 12.3

RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.3 Halve per capita global food waste & reduce food losses
- 2.4 Ensure sustainable food production systems
- 17.17 Encourage effective public, public-private & civil society partnerships

PRIMARY COUNTRY

Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Coalition of executives from governments, businesses, international organizations, research institutions, farmer groups, and civil society dedicated to accelerating progress towards Target 12.3. The goal is to define and quantify the business cases associated with reducing food loss and waste and communicating the return on investment for companies and other organizations making investments to reduce food loss and waste. Through better quantifying food loss and waste and monitoring progress towards 12.3, the group hopes to identify, pursue, and showcase the proven strategies of success.

2 IMPACT ON SOCIETY

The group publishes progress reports and showcases best practices reaching the SDG target. The average benefit-cost ratio of investments in food loss and waste reduction is 14:1. A viable business case was developed for reducing FLW in the hotel industry:

- Hotels decreased 21% of food waste
- With an initial investment of less than \$20K, 70% of hotels had recouped their initial investment within 1 year (95% by year 2)



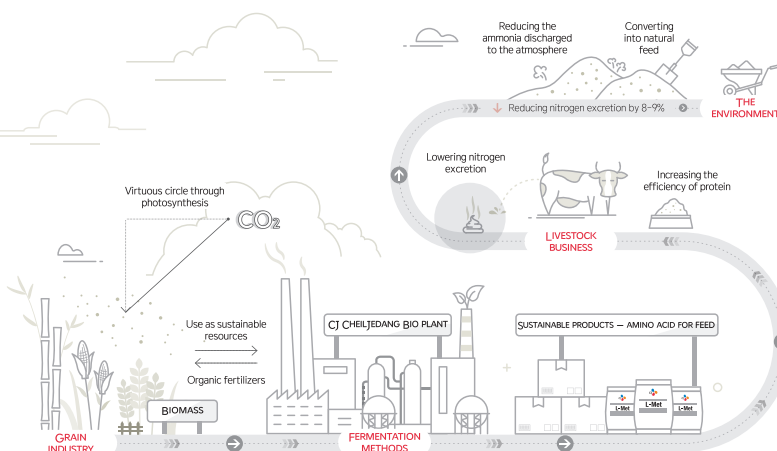
URL

<https://champions123.org/>



Changing the World

CJ Bio technologies lead to sustainable life and earth



RELATED SDGs GOALS



PRIMARY COUNTRY

Southeast Asia

OTHERS

Global

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

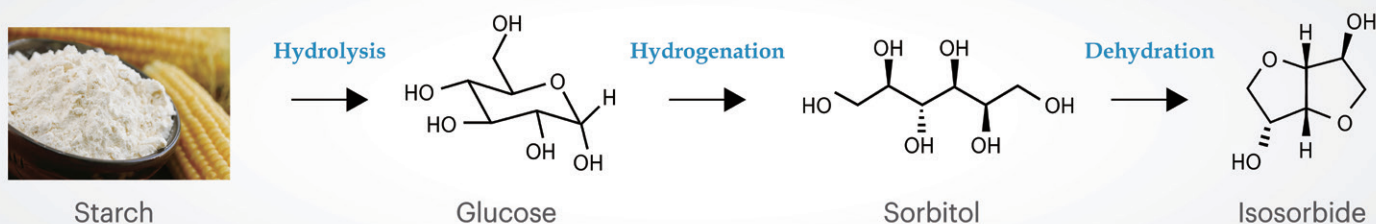
[http://www.cj.co.kr/cj_files/2017%20Sustainability%20Report\[single\].pdf](http://www.cj.co.kr/cj_files/2017%20Sustainability%20Report[single].pdf)



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.

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



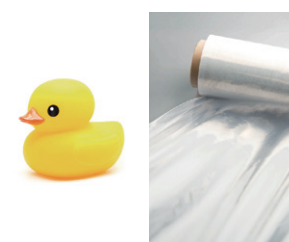
BIO-Polycarbonate



PEIT



Powder Coating



Isosorbide Diester

Gold Mould



RELATED SDGS GOALS



decreases the water consumption and energy consumption per wheel. Tungsten material also eliminates the usage of die coating. Therefore it prevents people to breathe the hazardous dust in.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Tungsten material bottom core decreases the cycle time of the wheel production and eliminate the process downtimes caused by mould material, also it decreases the water consumption and energy consumption per wheel. Tungsten material also eliminates the usage of die coating. Therefore it prevents people to breathe the hazardous dust in. In counter gravity die casting system uses steel based on cores. In this process you need to cover core with ceramic based coating material. Since this material is a material with a high probability of abrasion, each shift must be renewed at least 2 times. Also this situation decreases our OEE ratio and quality ratio. It takes at least 1 hour a shift for one machine. Additionally coating material erodes after a certain period of time deformation occurs on the mold surface as a result of this wear. These deformations appear as poor quality and efficiency. Tungsten material bottom core decreases the cycle time of the wheel production and eliminate the process downtimes caused by mould material, also it

2 IMPACT ON SOCIETY

- Water Consumption has decreased 17L/min per wheel
- Air consumption has decreased 0.015 m³/h per wheel
- Energy consumption has decreased 1.75 kw per wheel
- Cycle time has decreased 60 sec per wheel
- Mould life has improved 3 times
- OEE ratio has improved 10 percent
- Quality ratio has improved 5 percent



Green Booster



Reduced fuel consumption and increased engine efficiency

RELATED SDGS GOALS



SDGS 169 TARGETS

12.2 Achieve the sustainable management & efficient use of natural resources
3.9 Reduce deaths & illnesses from hazardous chemicals & pollution
7.3 Double the global rate of improvement in energy efficiency

PRIMARY COUNTRY

Russia

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

INOIL Research and Production Group is a developer and patent holder of innovative technologies (GreenBooster fuel additives) enhancing energy efficiency in different energy sectors that use the thermal combustion energy of hydrocarbon fuel.



2 IMPACT ON SOCIETY

The GreenBooster additives significantly surpass existing global developments in the area of combustion additives. It reduces fuel consumption (down to 15%), polluting emissions (down to 60%), increasing engine efficiency (by 5.4%).



Increased automobile engine power and reduced fuel consumption

URL

https://www.youtube.com/watch?v=tGNvDPOs_EY



NEXXTO - Internet of Thing for Food Waste Prevention

RELATED SDGS GOALS



SDGS 169 TARGETS

12.3 Halve per capita global food waste & reduce food losses
3.8 Achieve universal health coverage

PRIMARY COUNTRY

Brazil

OTHERS

Uruguay

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2016, NEXXTO launched a solution to reduce food and medicine waste along the distribution chain, from industry to retail. It consists of a network of small, wireless, battery-powered sensors that real-time monitors food temperature and humidity, among other variables, in order to detect when the product is at risk of spoiling and immediately alerts the users via SMS, e-mail or WhatsApp, so they can act, avoiding waste. The system also has a user-friendly web interface, an app to monitor the status of the products, and automatically generated reports to comply with quality control regulatory norms.

2 IMPACT ON SOCIETY

- Eliminate waste due to refrigeration problems
- Ensure food and medicine quality
- Eliminate manual labor on temperature and humidity register
- Real-time visibility along the whole distribution chain: from industry to retail
- Case-validated of 50% reduction on general food waste



URL

<https://nexxto.com/solucoes/solucao-nexxto/>



URL

<https://www.youtube.com/watch?v=eT9vHLY6UCM>

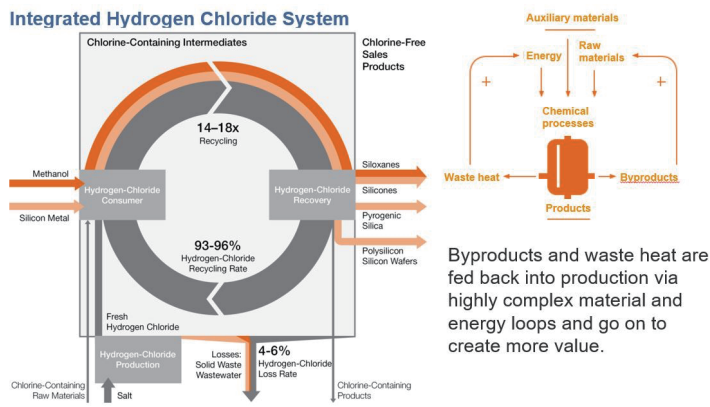


URL

<https://www.youtube.com/watch?v=OFgavPoTJD8>



Program for Closed production loops within WACKER



RELATED SDGS GOALS



PRIMARY COUNTRY

Germany

OTHERS

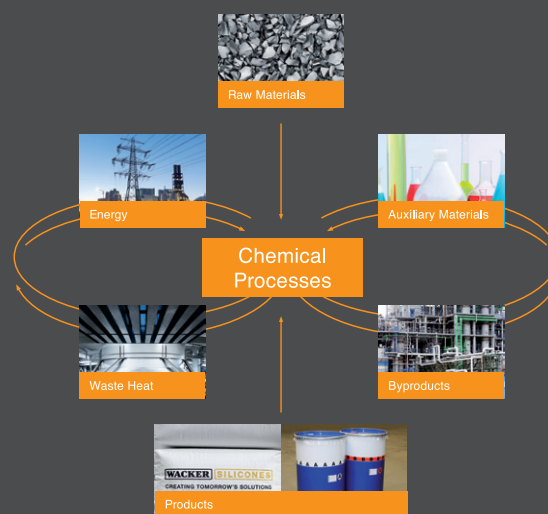
China

2 IMPACT ON SOCIETY

Reduction of waste and emissions
Energy saving
Saving of raw materials and transportation

WACKER "VERBUND"

The strength of our environmental protection lies in our system of integrated production which we call "Verbund"



URL

https://www.wacker.com/cms/en/wacker_group/wacker_facts/sites/production-sites.jsp



Recycled PET TUB: Washer Dryer Tub With Recycled PET Flakes



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.2 Achieve the sustainable management & efficient use of natural resources
- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 12.5 Reduce waste generation through prevention & 3R
- 13.3 Improve human & institutional capacity on climate change

PRIMARY COUNTRY

Turkey

OTHERS

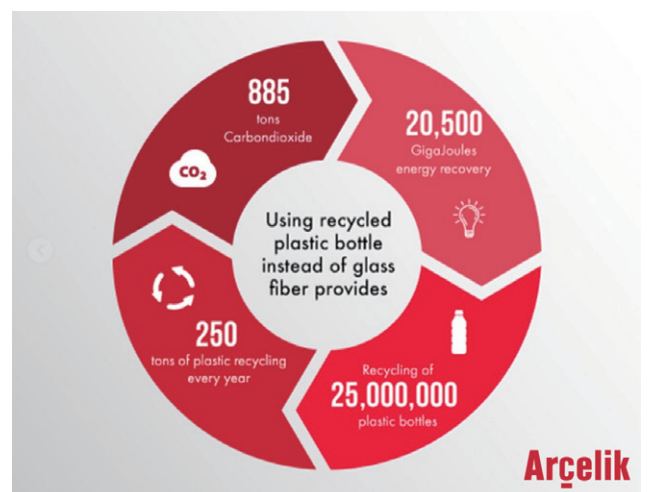
UK, Germany, France, China, South Africa

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In Recycled PET Tub project, PET flakes from recycled PET bottles are innovatively integrated into washing machine plastic tubs to produce sustainable and eco-friendly products with high performance. Thanks to our patented technology, PET flakes are transformed into PET fibers during the compounding process, reinforcing the plastic tub composite material. As a result, sustainable products were developed using recycled plastics without sacrificing the performance. The innovative material is being used in serial production since August 2017. So far, 250,000 washer-dryers have been produced using the material.

2 IMPACT ON SOCIETY

60 PET plastic bottles are recycled in every washing machine resulting recycling of 25,000,000 plastic bottles per year. CO₂ emissions are reduced by 885 tons and 5.7m kWh energy is saved per year.



URL

<http://www.arcelikas.com/UserFiles/file/SustainabilityReport2017.pdf>



Sustainable product optimisation tool

SPOT

SPOT
SUSTAINABLE
PRODUCT OPTIMISATION TOOL

RELATED SDGS GOALS



SDGS 169 TARGETS

12.2 Achieve the sustainable management & efficient use of natural resources
12.6 Encourage companies to adopt sustainable practices & report

PRIMARY COUNTRY

France

OTHERS

USA, United Kingdom, Norway, Japan, Germany, Netherlands,
Belgium, Sweden, Denmark, France, Switzerland

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

L'Oréal's Sustainable Product Optimization Tool was developed to assess the social and environmental performance of all products across their lifecycle from raw materials extraction to the end of life. SPOT's methodology is the first in the industry to assess the overall footprint of a product, taking into account environmental and social criteria. SPOT allows teams conceiving products to simulate diverse design options (ingredients, packaging, sourcing), to identify potential opportunities for improvement and to follow progress. The tool includes information on almost 10,000 ingredients, all packaging materials... 100% of the products launched by L'Oréal in 2017 have been assessed via SPOT.

2 IMPACT ON SOCIETY

- Improving the environmental and social profile of all new products
- Promoting sustainable innovation by reducing the environmental footprint of its product formulas
- Sourcing raw materials in a sustainable way that respects biodiversity
- Optimizing packaging



URL

<http://www.monthly-digest-loreal.com/en/>



Travel With Purpose

TRAVEL WITH PURPOSE

Hilton

RELATED SDGS GOALS



PRIMARY COUNTRY

USA

OTHERS

Global footprint

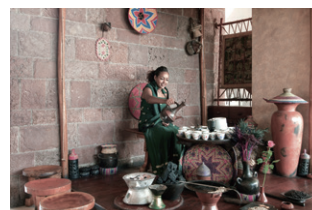
1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Hilton's Travel with Purpose Strategy is multi-pronged and dedicated to redefining and advancing sustainable travel globally. Hilton is the first major hotel company to institute science-based targets to reduce carbon emissions and send zero soap to landfill. Hilton has also committed to doubling the amount it spends with local and minority-owned suppliers, and doubling its investment in programs to help women and youth around the world by 2030.



2 IMPACT ON SOCIETY

- reducing carbon emissions, waste, water consumption and energy usage
- eradicating forced labor and trafficking



URL

<http://newsroom.hilton.com/corporate/news/hilton-commits-to-cutting-environmental-footprint-in-half-and-doubling-social-impact-investment>



USAGE OF TEA GRANULS AS BIOMASS AT PLASTIC MATERIALS

About Projects

About Projects

- Usage of Tea Granuls instead of Talc and PP.
- Industry and Segment first.

Success Criterias



Lighter
15%



Cheaper
10%



Lower

RELATED SDGS GOALS



SDGS 169 TARGETS

8.4 Improve global resource efficiency in consumption & production
12.4 Achieve the environmentally sound management of chemicals & wastes

PRIMARY COUNTRY

Turkey

OTHERS

Europe

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Ford Otosan is working on biomaterial mass filled plastic materials to reduce cost and weight of the vehicles to ensure effectiveness while creating nature friendly vehicles. Currently company works on natural fillers at plastic materials to replace chemical components to create efficiency, cost avoidance and weight reduction to meet fuel efficiency regulations while saving the planet.

First Project



Second Project



50% Tea
Granuls
Biobased
Plastics

2 IMPACT ON SOCIETY

- Waste management
- Nature friendly material production and usage
- Superior performance material development
- Cost and weight save
- Fuel efficiency to save planet

URL

<http://new.msuite.com.tr/displayerBasin?GroupID=4747&ArticleID=111150710&SearchKey=&ActiveYear=2018&displayer=1&isfromghs=1&firmID=1010341&newsID=388744&linktext=Sabah&ghsHeaderID=501&newsType=1&key=89b0a1a475b892eab39211ab4ba2f2e9>



World's first responsibly sourced aluminium to be used in coffee capsules



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.6 Encourage companies to adopt sustainable practices & report
- 12.2 Achieve the sustainable management & efficient use of natural resources
- 17.17 Encourage effective public, public-private & civil society partnerships

PRIMARY COUNTRY

Canada

OTHERS

Australia

water management and low-carbon emissions during the production of aluminium.

2 IMPACT ON SOCIETY

- Protection of biodiversity, respect for indigenous peoples' rights, water management, prevention of waste and low-carbon emissions production of aluminium
- Nespresso sourcing ASI aluminium will drive demand for sustainable aluminium and encourage other producers to adopt the standards

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Nespresso will become the first company to use responsibly-sourced aluminium, supplied by Rio Tinto, to produce its coffee capsules. The two companies have signed a Memorandum of Understanding to work together with Nespresso's capsule manufacturers to fulfill a commitment of sourcing 100 per cent sustainable aluminium by 2020, allowing customers to enjoy their coffee knowing it is packaged in responsibly produced material, as certified by Aluminium Stewardship Initiative (ASI), which sets out standards to promote the protection of biodiversity, respect for indigenous peoples' rights,

URL

http://www.riotinto.com/ourcommitment/spotlight-18130_26410.aspx



URL

<http://www.minerals.org.au/sites/default/files/St%20Barbara%20Case%20Study%20WEB.pdf>





Committing To A Cleaner Future

RELATED SDGS GOALS



SDGS 169 TARGETS

Goal 12. Ensure sustainable consumption and production patterns

PRIMARY COUNTRY

USA

OTHERS

Global footprint



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In September 2018, United Airlines became the first U.S. airline to publicly commit to reducing its carbon emissions 50% by 2050. It will meet this commitment through various investments including expanding the use of sustainable aviation fuels, incorporating more fuel-efficient aircraft into its fleet, and implementing further operational changes to better conserve fuel. United is the first airline to use sustainable aviation fuel on an ongoing basis – sourcing millions of gallons of biofuel for flights today from Los Angeles – and plans to purchase nearly 1 billion gallons of biofuels as part of the largest biofuel agreement in aviation history.

2 IMPACT ON SOCIETY

- (1) Reducing carbon emissions contributing to climate change
- (2) Providing a critical service in transportation with less carbon emissions per mile traveled
- (3) Investing in sustainable aviation fuel innovations as a leader in the industry that others will follow

URL

<https://hub.united.com/united-cleaner-future-emissions-biofuel-2604671268.html>



URL

<https://hub.united.com/united-launch-flights-sustainable-biofuel-2567373100.html>





Committed to support the United Nations' Sustainable Development Goals



RELATED SDGS GOALS



PRIMARY COUNTRY

France

OTHERS

EMEA, Americas, APAC

Paribas has already dedicated €15.6bn financing for Renewable energies and is ahead of its initial target of €15bn by 2020.

BNP Paribas is the first banking actor to have proposed a yearly indicator related to SDGs, which methodology was built jointly with an external party. It notably measures the proportion of loans making a direct contribution to attaining the SDGs.

Gender equality, one of the 17 UN Goals, is at the heart of BNP Paribas' company engagement strategy. Our commitment to fighting gender bias has been once again reinforced by our CEO Jean-Laurent Bonnafé becoming a HeForShe Thematic Champion in 2018.

These commitments were recognized by the industry in 2018 with BNP Paribas being awarded the Euromoney Award for Excellence 2018 as World's Best Bank for Sustainable Finance while ranking at #3 in Bloomberg league tables for Green Bonds.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

At BNP Paribas, we have made the seventeen UN Sustainable Development Goals part of our corporate objectives, because we consider that large companies must contribute to a more equitable and ecological world.

The bank is promoting four pillars of corporate responsibility at the heart of its business: Financing the economy in an ethical manner, Developing and engaging our people responsible, being a positive agent for change and combating climate change.

In that context the group has put in place a large range of actions to support the SDGs, such as (1) the development of products with a positive impact, designed to assist both corporates and individuals, (2) the development of a robust environmental and social risk management framework, which sets mandatory criteria for the financing of several sectors, (3) being carbon neutral for its own operations since 2017 and supporting its customers' transition toward a low-carbon economy, (4) promoting financial inclusion, (5) the adherence to the most rigorous ethical standards and (6) promoting diversity and training.

These actions are underpinned by the Bank's strong commitment to support the energy transition. In that context, BNP Paribas has provided a total of €155bn (as of end 2017) to support the energy transition and the sectors considered as directly contributing to the SDGs. This commitment is expected to reach €185bn by 2020. This ambition is further strengthened in 2018 by the decision to stop financing shale gas / oil, oil from tar sands and gas and oil in the Arctic as well as Tobacco sector. Furthermore, BNP

2 IMPACT ON SOCIETY

BNP Paribas wants to have a positive impact on society at large and to contribute to build a more sustainable world, through for instance its actions to finance proactively the green economy and social entrepreneurship, and its promotion of human rights and high standards of ethics.

URL

<https://group.bnpparibas/en/hottopics/global-goals>



URL

<https://group.bnpparibas/en/press-release/bnp-paribas-group-results-31-december-2018>



URL

<https://group.bnpparibas/en/group/corporate-social-responsibility>





Development of Fuel Cell Electric Vehicles, “Ideal Eco-Cars”



RELATED SDGS GOALS



PRIMARY COUNTRY

Japan, United States, United Kingdom, Norway, Netherlands, Germany, Denmark, Sweden, Belgium, France, Switzerland

OTHERS

Canada, Australia, Argentina, China

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

FCEV is an ideal eco-cars which discharges only water. Toyota uses its hybrid electric vehicle technology as core technology for FCEVs. In addition to excellent environmental credentials, FCEV provides fun to drive, convenience, and performance. MIRAI can be also used as a generator during disasters.

Hydrogen can be produced from a wide range of primary energy sources, and stored as hydrogen for power supply. FCEV is an ideal eco car if combined with renewable energy sources.

2 IMPACT ON SOCIETY

Contributing to

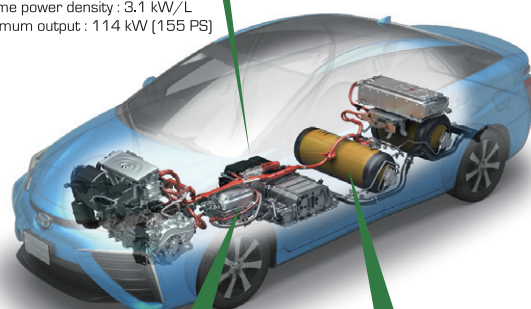
- Emission reduction by diffusion of FCEVs
- Energy diversification
- Effective utilization of renewable source energy by converting the electricity generated to hydrogen, it can be stored and easily transported to meet demand

Fuel cell stack

Toyota's first mass-production fuel cell, featuring a compact size and world top level output density.
Volume power density : 3.1 kW/L
Maximum output : 114 kW (155 PS)

MIRAI

Toyota Fuel Cell System (TFCS)



Fuel cell boost converter

A compact, high-efficiency, high-capacity converter newly developed to boost fuel cell stack voltage to 650 V. A boost converter is used to obtain an output with a higher voltage than the input.

High-pressure hydrogen tank

A compact, high-efficiency, high-capacity converter newly developed to boost fuel cell stack voltage to 650 V. A boost converter is used to obtain an output with a higher voltage than the input.

URL

https://www.toyota-global.com/innovation/environmental_technology/fuelcell_vehicle/





En+ Group Program for Modernization of Hydropower Plants (HPPs) in the Eastern part of Russia

Krasnoyarsk Hydropower Plant.

RELATED SDGS GOALS



SDGS 169 TARGETS

13.1 Strengthen resilience to climate-related hazards & natural disasters
7.2 Increase the share of renewable energy in the global energy mix
9.1 Develop quality, reliable, sustainable & resilient infrastructure

PRIMARY COUNTRY

Russia

OTHERS

Not applicable

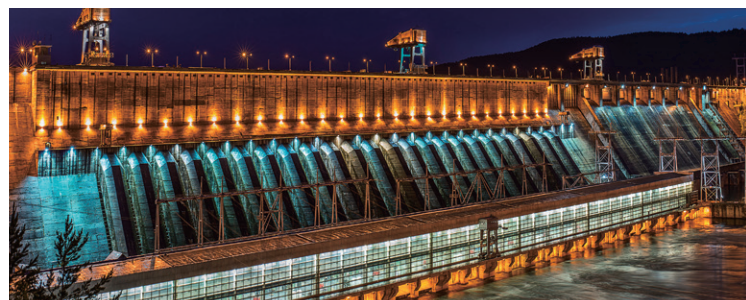
1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The program includes changing in total 12 Runners out of 18 at Bratsk HPP in 2007 - 2017; 4 Runners out of 12 at Ust-Ilimsk HPP in 2013-2018; 4 Runners out of 12 at Krasnoyarsk HPP in 2016-2022; 3 Hydro Units out of 8 at Irkutsk HPP in 2017-2022. The innovative equipment allows more efficient water flow use increasing hydro power generation. It will help to partly substitute energy generated by local coal-fired plants and allow to further cut greenhouse gas emissions. The results are hydropower output annual growth: 2,25 GWh and greenhouse gas emissions reduction: 2.6 mt CO₂.

2 IMPACT ON SOCIETY

Contributing to:

- energy diversification;
- more affordable and clean energy production;
- GHG emissions' reduction by substituting local coal-fired power generation with hydro power generation.



URL

<http://eng.enplus.ru/>


URL

For media: press-center@enplus.ru

URL

For investors: ir@enplus.ru



SNAM



CONFINDUSTRIA



ITALY

Snam commitment to fight Climate Change

RELATED SDGS GOALS



PRIMARY COUNTRY

Italy

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In the Strategic Plan 2019-2022, Snam promotes the use of natural gas as a flexible, programmable and low environmental impact energy source to support renewables in the decarbonisation of the country. Out of 5.7 billion euros of investment, 850 million euros are allocated to the TEC (Tomorrow's Energy Company) project, whose objective is to accelerate the innovation capacity of Snam and its assets to seize the opportunities offered by the evolution of the energy system. The TEC project will focus in particular on four main strategic lines: ensuring greater operational efficiency, reducing methane emissions, investing in the energy transition and promoting a growing focus on innovation.

2 IMPACT ON SOCIETY

Thanks to the TEC project, Snam has set a natural gas emission reduction target of -25% to 2025 (-15% to 2022) compared to 2016, thus aiming at a lower environmental impact. In 2018, the actions implemented to reach this objective enabled a natural gas emission reduction of 7.9% compared to 2016.



URL

<http://www.snam.it/en/Sustainability/index.html>




2025 PLEDGE

Our purpose



To finance

€100 Billion mobilized for sustainable finance 2018-2025

- Transition to a low carbon economy
- Financial inclusion & entrepreneurship
- Infrastructures & agribusiness



To manage

70% renewable energy & **68%** reduction in emissions

- First global bank to report carbon-related assets
- New sector norms in mining, energy, infrastructure & agribusiness



To engage

- Active collaboration with all stakeholders and commitment with main global initiatives promoting sustainable finance
- TCFD recommendations implemented in 2020
- Education & financial education

RELATED SDGS GOALS



SDGS 169 TARGETS

- 13.3 Improve human & institutional capacity on climate change
- 13.a Operationalize the Green Climate Fund through its capitalization
- 13.2 Integrate climate change measures into national policies

PRIMARY COUNTRY

BBVA's Footprint: Spain, Latam, USA and Turkey

OTHERS

Europe

2 IMPACT ON SOCIETY

Pledge 2025 will help the bank align its activity to a 2°C Scenario and strike a balance between sustainable energy and fossil fuel investments and is based on three lines of action: financing, management and engagement. The bank is also part of the Science Based Targets Initiative, which is calling on companies to publicly commit to specific climate targets. To achieve this, BBVA is working on initiatives such as defining sector norms; implementing methodologies to assess the financial impact of climate change in the bank's lending portfolios; and abiding by the Katowice Commitment, an initiative with several financial institutions to measure the alignment of their lending portfolios to the Paris Agreement.

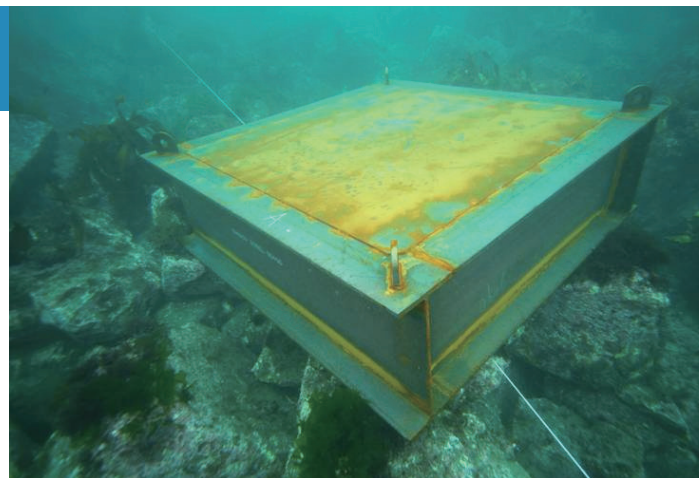


URL

<https://www.bbva.com/en/infographics-pledge-2025/>



Contributing to the SDGs through the use of iron and steel slag



RELATED SDGS GOALS



PRIMARY COUNTRY

Japan

OTHERS

United States, UAE, Egypt, Australia, Qatar, Ivory Coast,
Republic of Korea, Bangladesh, Philippines, Vietnam, Peru, Malaysia

Iron deficiency is considered to be one factor behind the phenomenon of shoreline denudation (loss of seaweed and other marine vegetation) along 5000 km of Japanese coastline. To help alleviate this problem, we developed ""Beverly Series"" iron supply units, which contain a mixture of iron and steel slag and humus in Oct. 2004.

2 IMPACT ON SOCIETY

An inevitable by-product of the steelmaking process, iron and steel slag consists of materials that melt and separate out when iron is reduced and refined during the iron-ore smelting stage. (The production of 1 ton of iron generates 0.4 ton of iron and steel slag.) However, rather than dispose of this material, we have harnessed the technologies, knowledge, and development prowess amassed through our steelmaking operations to date and are promoting useful applications for iron and steel slag in a wide range of other industries. (We have achieved a recycling rate of 99 percent for our industrial by-products.) From the perspective also of building renewable systems for a sustainable society, our achievements with the recycling of iron and steel slag and other by-products are aiding efforts to achieve the SDGs.

URL

<http://www.nssmc.com/en/csr/report/index.html>



1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Our main operations utilizing iron and steel slag are as follows:

(i) Blast furnace cement

Blast furnace cement is a mixture comprising 40-45 percent pulverized iron and steel slag and conventional cement. It is utilized in a range of civil engineering applications including coastal and river embankment structures, roadways, and railways. It offers numerous benefits, among them (i) strength that increases with time; (ii) the suppression of alkali-silica reactions; (iii) durability under exposure to seawater and chemical agents; and (iv) contributions to reduced energy consumption and CO₂ emissions.

(2) ""Beverly Series"" iron supply units for the regeneration of fisheries and seaweed beds



Business Action for sustainable and resilient societies

Charoen Pokphand Foods launched the Mun River Conservation Project, a capacity-building programme resulting in a 60% increase of the surrounding forest cover and a 100% increase in the river's fish population

Charoen Pokphand Foods works to protect the balance of ecosystems and their biodiversity by sourcing raw materials, such as shrimp, maize and soybeans, without contributing to the depletion of forest and marine habitat. The company launched the Mun River Conservation Project in 2009 in collaboration with the Nakhon Ratchasima Provincial Authority and surrounding communities to provide them with training on how to conserve their water resources and the surrounding ecosystems through forestations and fish breeding programs. Forest cover has already increased by 60% and the fish population in the river has increased by 100%.

Vodafone has developed machine-to-machine and artificial intelligence tools that provide real-time data on cows' health and well-being

Vodafone has developed machine-to-machine and artificial intelligence tools that provide realtime data on cows' health and well-being. Working with Keenan, a farming solution provider, Vodafone operates computers that connect to

livestock feed machinery and ensures consistency and improved quality in the feed mix. Farmers saw a daily increase in milk production by 1.75 kilogrammes per cow after implementing the technology. Vodafone also collaborates with MooCall to measure the tail activity of female cows using Internet of Things. The tail device, which recognises contraction rates, allows farmers to accurately predict when and where a cow is to give birth and thereby helps ensure safe, supported calving.

McDonald's is the first global restaurant company in the world to set a Science Based Target to reduce greenhouse gas emissions.

McDonald's uses advanced monitoring technology to acquire data on the location of every beef farm in Brazil that it purchases from. The company is part of the

Novo Campo Program, which aims to improve animal management, protect biodiversity and restore 10,000 hectares of degraded land in the Amazon. McDonald's is also the first global restaurant company in the world to set a Science Based Target to reduce GHG emissions, and expects to prevent the emission of 150 million metric tons of CO₂, the equivalent of planting 3.8 billion trees and growing them for ten years.

The Plastic Bank is a social enterprise that uses blockchain technology to convert plastic waste into a digital currency. Shell, Henkel and Eat Natural are just some of the companies supporting the Bank.

The Plastic Bank is a social enterprise that uses blockchain technology to convert plastic waste into a digital currency. By providing an international, above-market rate for plastic waste,

individuals who collect it are empowered to trade it for money, items or services in communities around the world. Shell bought plastic waste to create 500,000 reusable bottles in support of the initiative. Henkel has also partnered with the initiative in Haiti, by establishing local collection points for plastic that will be used in packaging for household cleaning-, detergent- and beauty care products globally. Most recently, Eat Natural joined the initiative with a pledge to finance the collection of 115 tonnes of ocean plastic in the Philippines.



Implementation of Sustainable Soil Management through the Soil Doctors programme and the Global Soil Laboratory Network

This soil conservation practice is implemented by families cultivating land on slopes.
©FAO Guatemala country Team

RELATED SDGS GOALS



SDGS 169 TARGETS

15.3 Combat desertification, restore degraded land & soil
15.9 Integrate ecosystem & biodiversity values into national & local planning
1.1 Eradicate extreme poverty
2.1 Ensure access to safe, nutritious & sufficient food
2.3 Double the agricultural productivity
2.4 Ensure sustainable food production systems
2.a Enhance agricultural productive capacity of developing countries
8.2 Achieve higher levels of economic productivity through innovation
9.a Facilitate sustainable & resilient infrastructure development in developing countries
9.b Support domestic technology development, research & innovation in developing countries
12.2 Achieve the sustainable management & efficient use of natural resources
12.4 Achieve the environmentally sound management of chemicals & wastes
12.a Support developing countries to strengthen their capacity for sustainable consumption & production

PRIMARY COUNTRY

Afghanistan, Lesotho, Sudan

OTHERS

Cambodia, Togo, Malawi, São Tomé and Príncipe
(Africa, Asia, Latin America, Near East)

strengthened. This will be done through the outputs:

1. The Soil Doctor Testing Kit will be developed, distributed (at least 5,000 farmers).
2. Regional Soil Laboratories Networks to be supported (through capacity development and enhancement of laboratory facilities).
3. Quality control procedures to be established in key regional soil laboratories.



A farmer preparing soil for planting seeds
©FAO/Alessandra Benedetti / FAO



A lab technician testing and registering data collected on soil samples at the Sokoine University of Agriculture.
©FAO/Simon Maina

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

2 018 - ongoing. The objective is to promote sustainable soil management by implementing the Global Soil Doctors Programme (GSDP) and the Global Soil Laboratory Network (GLOSOLAN). Through this project, capacities of farmers for making better decisions regarding sustainable soil management will be enhanced, as well as soil laboratories will be

2 IMPACT ON SOCIETY

The impact of the project is to achieve environmental and human well-being through the sustainable management of soil resources. The outcome will be the strengthened national and regional capacities on soil management through the GSDP and the GLOSOLAN.

URL

<https://www.phosagro.com/>





Sustainable beauty products



RELATED SDGS GOALS



PRIMARY COUNTRY

Brazil

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Natura Brasil works with communities from the Amazonia and the Atlantic forest to develop sustainable beauty products while making sure that 250,000 hectares of forest are preserved. Natura is 100% carbon neutral and also uses sustainable materials for packaging, such as eco-friendly bioplastic made from sugar cane. Natura recycles 50% of the plastics used in the Natura Brasil Ekos range and offers refills on moisturizing skincare products to avoid waste accumulation.



2 IMPACT ON SOCIETY

Natura is able to limit emissions as much as possible and compensate them systematically through reforestation actions, projects for the environment and the preservation of species.



URL

<https://www.naturabrasil.fr/en-us/>



Snam's commitment to fight corruption and promote business integrity



RELATED SDGS GOALS



PRIMARY COUNTRY

Any country where Snam operates or will operate in the next future, and all countries where Snam's Business associates are based

to undertake any appropriate initiative/action for the protection of its principles of business ethics, legality and transparency.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The Anti-Corruption policy is part of a broader business ethics control system adopted by Snam aiming to ensure the company's compliance with national and international laws and best practices. In particular, Snam strongly support a bottom-up approach and firmly believes that Companies shall not just be compliant with the law, but should also commit themselves to go beyond the same and doing more.

To prevent the risk of corruption in its supply chain, all suppliers and subcontractors of Snam are required to sign the "Ethics and Integrity Pact" that allows the execution of reputational analysis – based on public information – aimed at identifying indicators of irregularities or possible risks of criminal infiltrations. Through this pact Snam extends its fundamental business ethics principles to suppliers and subcontractors. Any violation of the pact allows Snam

2 IMPACT ON SOCIETY

The fight against corruption is an inherent part of Snam's "business conduct", and defines the principles Snam People is required to comply with. Therefore, Snam is confident that its efforts in spreading its business integrity culture among its supply chain, and fighting against any form of corruption, and in general illegality (inside and outside the Company), especially by means of preventive actions, will reduce any violation laws and regulations.

URL

<http://www.snam.it/en/governance-conduct/index.html>



Somalia SDG 16 Monitoring and Evaluation Task Force (Task Force)

RELATED SDGS GOALS



SDGS 169 TARGETS

16.3 Ensure equal access to justice for all

PRIMARY COUNTRY

Somalia

LexisNexis helped launch the Task Force. The Task Force's goal is to help the Somali government build a first-of-its-kind national system for measuring progress on SDG16. Task Force members, including LexisNexis, have committed to contributing expertise, data, and technology to build this system.

2 IMPACT ON SOCIETY

Via this multi-stakeholder Task Force, Somalia is building the first national system to measure true progress on SDG16. This ground-breaking work can be replicated into other conflict-affected countries and will fundamentally change how progress on SDG16/Rule of Law is measured.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE



Since 2015, UN and many other organizations have funded projects to enhance rule of law in Somalia. However, despite these funds, the rule of law has not improved. In the absence of a system to collect, collate, and communicate outcome-level, rather than output-level, information, investments in SDG16 are not properly targeted or effectual.



SUSTAINABILITY GOVERNANCE SCORECARD



SUSTAINABILITY GOVERNANCE SCORECARD

RELATED SDGS GOALS



SDGS 169 TARGETS

16.6 Develop effective, accountable & transparent institutions
16.7 Ensure responsive, inclusive, participatory & representative decisionmaking
16.5 Reduce corruption & bribery

PRIMARY COUNTRY

Global

OTHERS

Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

ARGE Consulting has founded a non-profit academy (Argüden Governance Academy) to develop methodologies to improve the quality of life and make world a better place by using its know-how on governance. We conducted a research project to analyze sustainability governance mechanisms of leading companies included in DJSI, FTSE4Good, STOXX, BIST and FTSE/JSE Indexes and in NYSE, FTSE, LSE, BIST, JSE stock exchanges. A scorecard has been developed with 330 criteria to rate the quality of sustainability governance based on publicly available information. The Project report includes, ratings of and best practices from the leading companies.

2 IMPACT ON SOCIETY

The research findings will improve the global speed of learning for sustainability governance of the companies through best-in-class examples. Alignment of SDGs to strategy is part of the analysis. Findings would improve the implementation of SDGs by the business. The project provides global answers to questions such as:

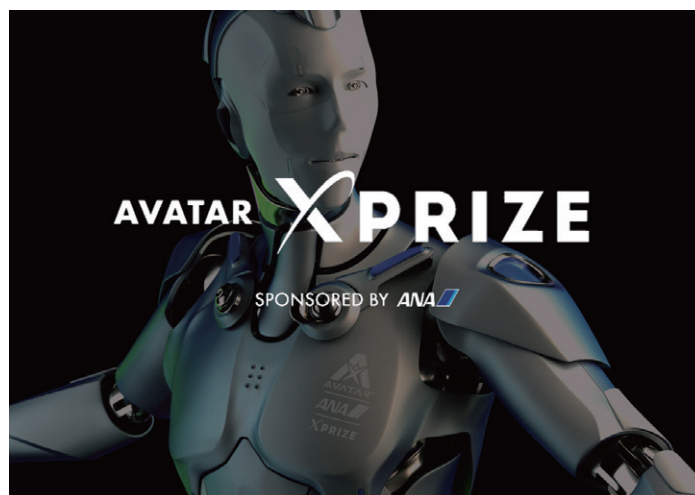
- Do they disclose a board skills matrix and is sustainability one of the key skills in the boards?
- Have they presented linkages between risks, value creation, and SDGs?
- Are the non-financial KPIs linked to executive compensation?
- Do they incorporate SDGs into their sustainability strategy process?
- Which SDGs attract the attention of the leading companies? Which ones are lagging?
- Is there a continuous learning process to improve governance and specifically performance with respect to the SDGs?

147 Sustainability Leaders from Germany, South Africa, Türkiye, U.K., and U.S.





ANA AVATAR Program



RELATED SDGS GOALS



PRIMARY COUNTRY

Japan, USA

OTHER

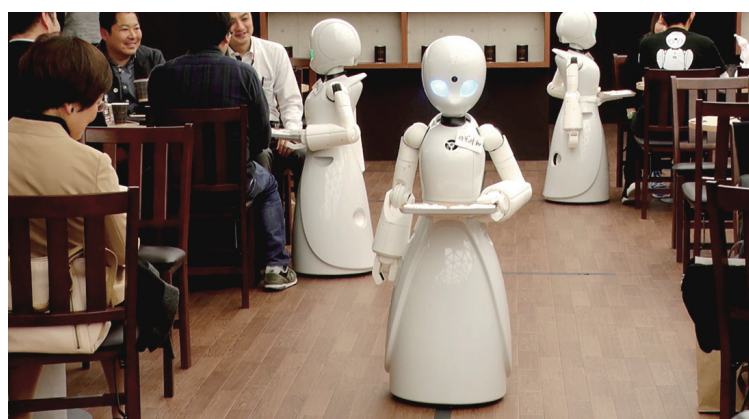
ALL

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Combining technologies ranging from robotics to haptics to develop an avatar system will empower humanity with a new capability to overcome the physical barriers of distance and time to communicate and interact in remote, real-world environments. ANA launched a \$10 million global competition to create a high performance, general purpose avatar and accelerate development of avatar component technologies. These general purpose avatars will allow humanity to overcome the fundamental problem of physical access which has prevented us from solving many of the world's global challenges. In addition, ANA launched the world's first avatar test field in Oita prefecture, where avatar testing has commenced in the fields of education, health care, tourism, agriculture & fishing, and space exploration.

2 IMPACT ON SOCIETY

One Avatar unit can transport the skills of any doctor, teacher, or expert to the location of the Avatar, solving the bottleneck of physical access. Over 570 teams from 74 countries are competing in the ANA AVATAR XPRIZE.



URL

<https://ana-avatar.com/>




Business Action for sustainable and resilient societies

BNP Paribas, Barclays and Standard Chartered are using an application created by a collective of start-ups to help promote transparent and sustainable supply chains.

A collective of start-ups developed cutting-edge technology to help banks, such as BNP Paribas, Barclays and Standard Chartered, access detailed and reliable information about their social and environmental impacts throughout the entire supply chain, enabling them to propose incentives to clients based on those standards. The system will track the products of tea farmers in Malawi that supply Unilever and Sainsbury's as well as the packaging materials provided by Sappi, a global sustainable wood fibre products company. Landmapp will provide land rights documentation via mobile technology and FOCAFET Foundation will ensure open-source data standards are developed and used throughout. The project aims to link preferential financing to verifiable sustainability claims and transparent supply chains. While benefitting the 1.5 billion families who depend on small-scale agriculture worldwide.

The Dubai Chamber of Commerce and Industry partnered with Business in the Community to launch ENGAGE Dubai, an international network that supports employee volunteering initiatives for more than 100 companies in the city.

The Dubai Chamber of Commerce and Industry partnered with Business in the Community to launch ENGAGE Dubai, an international network of businesses and

community organisations that collaborate to support the development of healthy and sustainable communities by increasing the quality and quantity of employee volunteering in local communities. The Chamber's Centre for Responsible Business has published guidebooks on how to develop community investments strategies, build partnerships and set up employee volunteering. ENGAGE has already worked with more than 100 companies based in Dubai, including Philips, KPMG, Canon, FedEx, Acer and Interserve.

UBS partnered with the World Bank to launch a new financial benchmark indices for high-grade development bank debt, with the aim to make sustainable investment opportunities more available to clients.

UBS partnered with the World Bank to launch a new financial benchmark indices for high-grade development bank debt, with the aim to make sustainable investment opportunities more available to clients. The new benchmarks will enable investors to allocate more assets to these highly

rated sustainable fixed income instruments than via traditional indices, which have lower development bank exposure. UBS has also introduced a sustainable cross-asset portfolio for its private clients, to ensure that market rates of risk-adjusted return also provide positive social and environmental value. In partnership with Solactive and leading green bond managers from multilateral development banks, it aims to pave the way for more institutional investors to invest in sustainable debt. UBS also launched 'The Collaborative' to help philanthropists connect to scalable, sustainable projects which are bringing healthcare access to more than 34 million people in Africa.

Net-Works empowers people in developing world coastal communities to collect and sell discarded nylon fishing nets into a global supply chain for recycling into yarn for carpet tiles.

Interface and the Zoological Society of London partnered to develop Net-Works, a project that helps clean up coastal ecosystems of discarded

fishing nets, which Interface then recycles into new carpet tiles, while providing supplementary income for artisanal fishing communities.



Elysis Partnership for zero-carbon, oxygen-positive aluminium production

RELATED SDGS GOALS



SDGS 169 TARGETS

17.17 Encourage effective public, public-private & civil society partnerships

13.2 Integrate climate change measures into national policies

PRIMARY COUNTRY

Canada

OTHERS

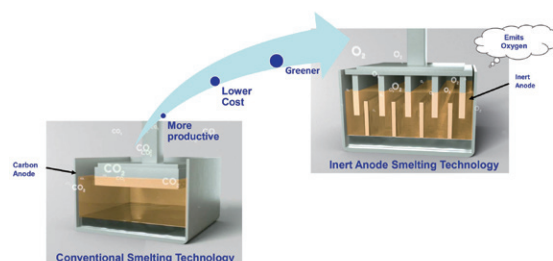
Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Elysis is an unprecedented partnership among leading aluminium producers Alcoa and Rio Tinto; the governments of Canada and Quebec; and aluminium end user Apple, with a combined investment of CA\$188 million. The project will scale up a revolutionary process that produces oxygen and replaces all direct greenhouse gas emissions from the traditional aluminium smelting process, using proven technology of producing liquid aluminum in a cell using dimensionally stable anodes (inert anodes). The partnership, launched in June 2018, aims to commercialise this world's-first carbon-free technology for retrofits at existing smelters and the design of new facilities, commencing in 2024.

2 IMPACT ON SOCIETY

- Eliminates direct greenhouse gases
- 30x increase in anode life
- Reduces operating costs by 15%
- Increases production by 15%



URL

<https://elysis.com/en>



URL

<https://www.alcoa.com/global/en/what-we-do/elysis/default.asp>



URL

https://www.riotinto.com/ourcommitment/spotlight-18130_25348.aspx



URL

https://www.riotinto.com/media/media-releases-237_25362.aspx



Index by Organization

SDGs Goal / Title

Company

Primary operating country

Page



Ai Group (Australian Industry Group)

Australia

	Establishment of Primary Health Care Clinics across four African countries.	Aspen Medical	Sierra Leone, Liberia and South Sudan	P17
	Provision of Primary Health Care services to Indigenous Australians living in remote communities	Aspen Medical	Remote Indigenous Communities (Australia)	P21
	Trauma and Maternity Hospitals Iraq	Aspen Medical	Iraq (Mosul)	P22
	St Barbara drives workforce gender equality	Minerals Council of Australia	Australia and Papua New Guinea	P30
	Newmont supports participatory integrated catchment management in Western Australia	Minerals Council of Australia	Australia	P34
	Mandalay Resources supports a vibrant regional community to grow	Minerals Council of Australia	Australia	P43
	Newmont leads the way on Indigenous economic inclusion	Minerals Council of Australia	Australia	P44
	World's first responsibly sourced aluminium to be used in coffee capsules	Rio Tinto	Canada	P72
	Elysis Partnership for zero-carbon, oxygen-positive aluminium production	Rio Tinto and Alcoa	Canada	P88



B20 Argentina

Argentina

	Livelihood Carbon Funds	"Collaboration between NGOs, multi-national companies, and several governments"	Global, with a focus developing countries	P10
	Menos Sal Mas Vida (Less Salt More Life)	20 companies and business associations	Argentina	P11
	Sustainable Agriculture Initiative Platform	> 90 companies of the food industry	World	P13
	Champions 12.3	Coalition of executives from governments, businesses, international organizations, research institutions, farmer groups, and civil society	World	P61



BDI (Bundesverband der Deutschen Industrie)

Germany

	Digital Farming: Climate FieldView™	Climate Corporation, Subsidiary Company of Bayer	World	P9
	Free massive open online courses (MOOC) on sustainability through digital transformation	SAP	World	P24
	SUSTAINABLE SOLUTION STEERING®	BASF	World	P37
	WACKER Polysilicon for Photovoltaics	Wacker Chemie AG	World	P42
	Street Scooter	Deutsche Post DHL Group	Germany	P45



BusinessEurope

EU

	"Value-to-Society" approach	BASF SE	World	P47
	Somalia SDG 16 Monitoring and Evaluation Task Force	LexisNexis Legal & Professional, a division of RELX Group	Somalia	P84



CCPIT (China Council for the Promotion of International Trade)

China

	The Role of ICT in Building Smart Cities	Huawei Technologies	China	P57
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CEOE (Spanish Confederation of Employers' Organization)

Spain



	Microfinance Foundation: Financial Inclusion	BBVA	Latam Region: Colombia, Perú, Dominican Republic, Chile & Panama.	P7
	"Learning together" & "My retirement"	BBVA	Spain	P25
	"Electricity for all" Program	Iberdrola S.A	Brasil	P41
	BBVA OPEN TALENT	BBVA	Spain	P48
	Digital Transformation: Use of new technologies	BBVA	Spain	P49
	2025 PLEDGE	BBVA	BBVA's Footprint: Spain, Latam, USA and Turkey	P78



CNI (National Confederation of Industry Brazil)

Brazil



	Prevision and alert device for epileptic seizures	Epistemic	Brazil	P20
	i4cast® software	i4sea	Brazil	P50
	Agriculture production management solution that helps increase food production – resource optimization and higher management control	Stefanini	Brazil	P58
	Carbon Neutral Programme	Natura Cosméticos	Brazil	P60
	NEXXTO - Internet of Thing for Food Waste Prevention	NEXXTO S.A.	Brazil	P66



Confindustria (General Confederation of Italian Industry)

Italy



	Biodegradable mulch films for sustainable agriculture and soil protection	Novamont S.p.A.	Italy	P8
	Improved organic waste collection in market areas through the use of biodegradable and compostable bags	Novamont S.p.A.	Italy	P53
	Snam commitment to fight Climate Change	Snam	Italy	P77
	Snam's commitment to fight corruption and promote business integrity	Snam	Any country	P83



FKI (Federation of Korean Industries)

Republic of Korea



	GEPP/Global Epidemic Prevention Platform	Korea Telecom Corp.	Republic of Korea	P19
	"LOTTE - KOICA Service Training Center" in Vietnam	LOTTE	Vietnam	P26
	Changing the World CJ Bio technologies lead to sustainable life and earth	CJ CheilJedang	Southeast Asia	P62
	Developing eco-friendly and functional bio-plastic material	Samyang Holdings Corp.	Japan	P63



GBC(Global Business Coalition)

World



	Program for Closed production loops within WACKER	Wacker Chemie AG	Germany	P67
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ICC(International Chamber of Commerce)

World

	Business Action for sustainable and resilient societies	ICC members	World	P40
	Business Action for sustainable and resilient societies	ICC members	World	P52
	Business Action for sustainable and resilient societies	ICC members	World	P80
	Sustainable beauty products	Natura&Co	Brazil	P82
	Business Action for sustainable and resilient societies	ICC members	World	P87



Keidanren(Japan Business Federation)

Japan

	Providing Weather Index Insurance using data from earth observation satellites	Sompo Japan Nipponkoa Insurance Inc.	Myanmar	P12
	Building a Secure Society by Utilizing Traffic Technology Innovation	Tokio Marine & Nichido Fire Insurance Co. Ltd.,	Japan	P16
	Global expansion of water solution business with "RemixWater" technology	Hitachi, Ltd.	Republic of South Africa	P33
	Development of Fuel Cell Electric Vehicles, "Ideal Eco-Cars"	Toyota Motor Corporation	Japan etc.	P75
	Contributing to the SDGs through the use of iron and steel slag	Nippon Steel & Sumitomo Metal Corporation (NSSMC)	Japan	P79
	ANA AVATAR Program	ANA Holdings Inc.	Japan	P86



MEDEF(Mouvement des Entreprises de France)

France

	Developing innovative essential services: m-Women	Orange	Ivory Coast etc.	P29
	Dry factory	L'Oréal	Sapin	P32
	THE 3RD INDUSTRIAL REVOLUTION IN HAUTS-DE-France FINANCING THE ECONOMY OF THE FUTURE IN France	CREDIT COOPERATIF and CCI Hauts de France	France	P46
	Sustainable product optimisation tool SPOT	L'Oréal	France	P69
	Committed to support the United Nations' Sustainable Development Goals	BNP Paribas	France	P74



RSPP(Russian Union of Industrialists and Entrepreneurs)

Russia

	Fight against Ebola in the Republic of Guinea	Rusal	Guinea	P18
	Women's health	Management company METALLOINVEST LLC	Russia	P23
	PhosAgro/ UNESCO/ IUPAC Partnership in Green Chemistry for Life	PhosAgro	Russia	P27
	Nickel Plant Decommissioning	MMC Norilsk Nickel	Russia	P54
	Resettlement programs for rural communities in Burkina Faso	Nordgold	Burkina Faso	P55
	Sakhalin Indigenous Minorities Development Plan	Sakhalin Energy	Russia	P56
	Bioenergetic Technologies in Forest Industry	Segezha Group (part of JSFC"Sistema")	Russia	P59
	Green Booster	LLC INOIL	Russia	P65
	En+ Group Program for Modernization of Hydropower Plants (HPPs) in the Eastern part of Russia	En+ Group	Russia	P76
	Implementation of Sustainable Soil Management through the Soil Doctors programme and the Global Soil Laboratory Network	PhosAgro	Russia	P81



TÜSİAD(Turkish Industry & Business Association)

Turkey

	Whole Surplus Digital Surplus Management Platform	Fazla Gıda	Turkey	P14
	Body Age & Actual Age Measurement	TOFAS	Turkey	P15
	Paani - Safe Water Initiative	Coca-Cola İçecek	Pakistan	P35
	Accessible and independent social life for visually disabled people	Turkcell	Turkey	P51
	Gold Mould	Maxion Wheels Turkey Aluminum	Turkey	P64
	Recycled PET TUB: Washer Dryer Tub With Recycled PET Flakes	Arçelik A.Ş.	Turkey	P68
	USAGE OF TEA GRANULS AS BIOMASS AT PLASTIC MATERIALS	Ford Otosan Otomotive San. AŞ.	Turkey	P71
	SUSTAINABILITY GOVERNANCE SCORECARD	ARGE CONSULTING	World	P85



U.S. Chamber of Commerce

United States

	YouthSpark	Microsoft Corporation	United States	P28
	Women & Children's Health	Johnson & Johnson	Brazil	P31
	Replenish Africa Initiative (RAIN)	The Coca-Cola Company	41 countries across Africa	P36
	Water and Development Alliance (WADA)	The Coca-Cola Company	World	P38
	Water and Development Alliance(WADA) - Improving urban water security in Madagascar	The Coca-Cola Company	Madagascar	P39
	Travel With Purpose	Hilton Worldwide	United States	P70
	Committing To A Cleaner Future	United Airlines	United States	73

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Society 5.0
for SDGs 