Sony ESG/ Technology Briefing

Sony Corporation
Chairman, President and CEO
Kenichiro Yoshida

September 10th, 2020

Sony Space Entertainment Project
宇宙感動体験事業の探索
SOLISS
Success at Bidirectional Laser Communications Between Space and Ground Stations
(April 2020)

SOLISS = Small Optical Link for International Space Station
An HD image transmitted from SOLISS via the laser communication
©JAXA/Sony CSL
Purpose
Fill the world with emotion, through the power of creativity and technology.
多様性による社会価値創出

Creating Social Value Through Diversity

協生農法™

Synecoculture™

地球の生態系が持っている自己組織化能力を活用し有用植物を生産する農法

A method of farming that produces useful plants while making use of the self-organizing ability of the Earth’s ecosystem
Diversity

Pursue the creation of the very best by harnessing diversity and varying viewpoints.

多様性

多様な人、異なる視点がより良いものをつくる。
People are the Core of Sony Group’s Business Portfolio

Content Business
Branded Hardware
CMOS Image Sensor
Direct to Consumer Service

「人の心を動かす」
Move People’s Hearts
「人と人を繋ぐ」
Connect People to People
「人の心を動かす」
Move People’s Hearts

Automotive Sensing (Safety)
Medical Equipment (Health)
Financial Service (Assurance)

「人を支える」
Support People

Creating Social Value Through Sensing
安全への貢献 Contributions to Safety
CO2の排出レベルの低減 Reduction in Level of CO2 Emissions
電力のスマートグリッド Electric Smart Grid Infrastructure
Intelligent Vision Sensor

AI

積層構造イメージ
Stacked Configuration Image

店舗
Retail

製造現場
Manufacturing Sites
Adjust temperature level automatically by sensing user’s activities with sensors

分解型センシング
Decentralized Sensing
Sony ESG/ Technology Briefing

Sony's Technology Initiatives

Sony Corporation
Executive Deputy President
Toru Katsumoto

September 10th, 2020

Purpose

Fill the world with emotion, through the power of creativity and technology.
People are the Core of Sony Group’s Business Portfolio

*Bad Boys for Life Available on Disc and Digital*

Support People

Technology’s Contribution to Sony’s Diverse Businesses

Sony’s Technology
Using Technology to Solve the Challenges of People, Society, and the Planet
3R Technology

Reality
Real-time
Remote

<table>
<thead>
<tr>
<th>Virtual Production</th>
<th>360 Virtual Mixing Environment</th>
<th>Volumetric Capture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Production in Hollywood</td>
<td>360 Virtual Mixing Environment</td>
<td>Volumetric Capture</td>
</tr>
</tbody>
</table>
### AI

<table>
<thead>
<tr>
<th>Prediction One</th>
<th>Sony AI</th>
<th>Future Mobility Project</th>
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### Imaging & Sensing

<table>
<thead>
<tr>
<th>Intelligent Vision Sensor</th>
<th>AI Sensing Solution</th>
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Partnership to provide AI sensing solutions
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<tr>
<th>Medical</th>
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<tr>
<td>Flow Cytometers</td>
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<tr>
<th>Planet/Space</th>
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<td>SOLISS</td>
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Sony’s Technology 2020
Sony’s ESG Initiatives

Sony Corporation
Senior Executive Vice President
Shiro Kambe
September 10, 2020

E Environmental initiatives

S Social initiatives

G Governance initiatives
Sony’s Environmental Plan “Road to Zero”
Establish concrete KPIs to be achieved at 5-year intervals

Fiscal 2025 targets

Zero environmental footprint 2050

New initiative on technology, in addition to “Road to Zero”
"Green Management 2020" Progress Summary (Fiscal 2019)

Reduce annual energy consumption per product unit
Reduce absolute greenhouse gas emissions at Sony sites
Proactive introduction of renewable energy domestically and internationally

Issues Identified in "Green Management 2020" (Fiscal 2019)

Reduction of virgin plastic in products
Reduction of water use at Sony sites
“Green Management 2025” Focus Points

1. Established a target to eliminate plastic packaging from newly-designed small products, in consideration of ocean plastic pollution
2. Established a percentage target for renewable electricity use in Sony site operations in accordance with the provisions of RE100
3. Strengthen cooperation with our supply chain including manufacturing contractors and promote the reduction of environmental impact
4. Continue the target of using the power of entertainment to raise awareness on sustainability and the environment

“Green Management 2025” Main Targets

- Reduce the amount of virgin oil-based plastics per product unit by 10% (compared to FY2018 levels)
- Eliminate plastic packaging from newly-designed small products
- Reduce absolute greenhouse gas (GHG) emissions by 5% (compared to FY2020 levels) and increase use of renewable electricity to 15% or more
- Request suppliers of raw materials and components and contract manufacturers to monitor their GHG emissions, set medium- and long-term targets for emissions reduction, and perform progress management
- Centering around the entertainment business, raise the awareness of more than 2 billion people on sustainability issues and encourage more than 2.5 million people to be engaged with Sony’s entertainment contents and others
New climate change target approved as the “1.5°C target” of “Science Based Targets”

Sony Innovation Fund: Environment
(Established September 2020)
Investment fund focused on ventures specialized in environmental technology
Considering investment in the field of Synecoculture™ and human augmentation of ecosystems

Sony CSL

Environmental technology and businesses in which Sony Corporation is engaged

Flame retardant recycled plastic, SORPLAS™

VISION-S

Intelligent vision sensor

New sustainable material, Triporous™
Governance initiatives

Social initiatives

Environmental initiatives

Purpose
Fill the world with emotion, through the power of creativity and technology.
Sony Global Relief Fund for COVID-19
( Established April 2, 2020)

Medical

Education

Creative Community

Medical related support

Donations to International organizations and NGO’s

Manufacturing and donation of medical face shields

Collaboration with M3, Inc.
Providing opportunities to learn coding with “KOOV®”

Conducting online workshops through “CurioStep with Sony”

Donations to creative communities from each entertainment company

Supporting artists by utilizing “360 Reality Audio”

Supporting content creators and photographers
Diversity is the source of value creation, and respect for human rights

Respect for all human rights in business activities, products, services, and business relationships

Global Social Justice Fund
(Established June 5, 2020)

External speaker series and townhall meetings were held at Sony Group companies in the U.S.
Efforts towards respecting human rights through the supply chain

- Governance initiatives
- Social initiatives
- Environmental initiatives

Diagram showing the supply chain involving mining minerals, procurement, production, sales, and retail.
50th Anniversary of New York Stock Exchange Listing

First time a Japanese company was listed on the New York Stock Exchange, in September 1970

Board Members

Kenichiro Yoshida  Hiroki Totoki  Shuzo Sumi  Kazuo Matsunaga  Tim Schaaff  Toshiko Oka
## Experience and Expertise of the Board of Directors (Outside/Non-executive director)

<table>
<thead>
<tr>
<th>Name</th>
<th>CEO or Equivalent Position of Business Enterprise</th>
<th>Global Business</th>
<th>Diversity (Gender / Nationality)</th>
<th>Engineering / IT / Technology</th>
<th>Relevant Industries / Operations</th>
<th>Finance / Accounting</th>
<th>Risk Management / Government Relations</th>
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<tbody>
<tr>
<td>Shuzo Sumi</td>
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<td>Kazuo Matsunaga</td>
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<td>Tim Schaaff</td>
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<td>Toshiko Oka</td>
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<td>Sakie Akiyama</td>
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<td>Wendy Becker</td>
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<td>Yoshihiko Hatanaka</td>
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<td>Adam Crozier</td>
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<td>Keiko Kishigami</td>
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<tr>
<td>Joseph A. Kraft Jr.</td>
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</tbody>
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## ESG Evaluation Summary performed by external evaluating organizations

Achieved CDP's Climate Change A-List for 5 Consecutive Years

![MSCI ESG Ratings AAA](image1)

![2020 MSCI ESG Leaders Indicies Constituent](image2)

![2020 CONSTITUENT MED JAPAN ESG SELECT LEADERS INDEX](image3)

![2020 CONSTITUENT MED JAPAN EXPORTING WOMEN INDEX (WPI)](image4)

![CDP A LIST 2019](image5)

![CDP A LIST 2019](image6)

![CDP SUPPLIER ENGAGEMENT LEADER 2019](image7)

![WORLD'S MOST ETHICAL COMPANIES 2020](image8)

![www.ethisphere.com 2 TIME HONORED](image9)

![BEST PLACES TO WORK FOR LGBTQ Equality 2020](image10)

![10% CORPORATE EQUALITY INDEX](image11)
Sony’s Technology 2020
https://www.sony.net/SonyInfo/technology/activities/Tech2020/

Corporate Report 2020
https://www.sony.net/SonyInfo/IR/library/corporatereport/

Sustainability Report 2020
https://www.sony.net/SonyInfo/csr_report/
Sony’s Environmental Plan “Road to Zero”

- This is Sony’s plan to achieve a zero environmental footprint.
- Every five years we set medium-term environmental targets to serve as milestones.
- Our medium-term environmental targets include four perspectives for each of six life stages.
- Targets are determined by back casting (calculating backwards) from 2050, the year that our final targets are to be achieved.
**Definition of “Zero”**

**Climate Change**  
Zero greenhouse gas emissions

**Resources**  
No use of key virgin materials  
The state at which waste has been minimized and water is being used appropriately

**Biodiversity**  
The state at which biodiversity is conserved, and the ecosystem services can be used sustainably

**Chemical Substances**  
The state at which significant adverse consequences to human health and the global environment from chemical substances that we use have been minimized

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**Green Management 2020 Progress Summary (FY2019)**

<table>
<thead>
<tr>
<th>Targets</th>
<th>GM2020 Target Values</th>
<th>FY2019 Performance</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Planning and Design</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual energy consumption of products (AC powered devices)</td>
<td>30% reduction (vs. FY13)</td>
<td>52% reduction</td>
<td>on track</td>
</tr>
<tr>
<td>Virgin plastic usage amount per unit</td>
<td>10% reduction (vs. FY13)</td>
<td>10.3% increase</td>
<td>behind</td>
</tr>
<tr>
<td><strong>Operation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenhouse Gas (GHG) emissions amount (1,000t-CO2)</td>
<td>1,485 (5% reduction vs. FY15)</td>
<td>1,376 (12% reduction vs. FY15)</td>
<td>on track</td>
</tr>
<tr>
<td>Amount of waste generated (t)</td>
<td>57,111 (5% reduction vs. FY15)</td>
<td>48,186 (20% reduction vs. FY15)</td>
<td>on track</td>
</tr>
<tr>
<td>Landfilled waste rate</td>
<td>Under 1%</td>
<td>0.7%</td>
<td>on track</td>
</tr>
<tr>
<td>Water usage amount (1,000 m3)</td>
<td>14,020 (5% reduction vs. FY15)</td>
<td>17,760 (24% increase vs. FY15)</td>
<td>behind</td>
</tr>
<tr>
<td>Amount of VOCs* released to the air (t)</td>
<td>918 (50% reduction vs. FY00)</td>
<td>566 (69% reduction vs. FY00)</td>
<td>on track</td>
</tr>
<tr>
<td><strong>Logistics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount of CO2 emissions associated with product transportation</td>
<td>10% reduction (vs. FY13)</td>
<td>64% reduction</td>
<td>on track</td>
</tr>
</tbody>
</table>

*VOC: Volatile Organic Compounds
Participation in RE100

Purpose: Acceleration of the Use of Renewable Electricity

- Sony’s targets on use of renewable electricity for all of its business sites: **100% by FY2040** (30% by FY2030)
- Sony will call for expanding the renewable electricity market in Japan together with other companies and organizations
- Of the electricity used at Sony sites worldwide, renewable electricity accounted for approximately 5% in fiscal 2019

Note 1: RE100 - the global initiative of the companies aiming to operate with 100% renewable electricity
Note 2: Renewable energy is energy that comes from sustainable sources that include solar, wind, water, geothermal, and biomass

Major Sites that Have Installed Solar Power Equipment

<table>
<thead>
<tr>
<th>Country</th>
<th>Location</th>
<th>Panel capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>Green Cycle</td>
<td>0.28MW</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Sony Europe UK Technology Center</td>
<td>0.25MW</td>
</tr>
<tr>
<td>Austria</td>
<td>Sony DADC Europe Thalgar Plant</td>
<td>0.84MW</td>
</tr>
<tr>
<td>Thailand</td>
<td>Sony Technology Thailand Chiolan Plant</td>
<td>1.8MW</td>
</tr>
<tr>
<td>United States</td>
<td>Sony Pictures Entertainment Studio</td>
<td>1.8MW</td>
</tr>
<tr>
<td>Japan</td>
<td>Sony Music Solutions JABEX Ogawa Center</td>
<td>1.7MW</td>
</tr>
<tr>
<td>Japan</td>
<td>Sony Semiconductor Manufacturing Kumamoto Technology Center</td>
<td>1.1MW</td>
</tr>
<tr>
<td>Japan</td>
<td>Sony Customer Service Tojanne Technology Site</td>
<td>0.20MW</td>
</tr>
</tbody>
</table>
Attempt to Introduce Renewable Energy by Intracompany Electricity Transfer Service (1)

Solar power generation
Load equipment

Power generation sites
Sony Music Solutions Inc. JARED Oigawa Center

Production sites
Sony Music Solutions Inc. Shizuoka Production Center

At the JARED Oigawa Center of Sony Music Solutions Inc., solar power provides 50% of overall electrical power

Transmission of electrical power to production sites

Surplus electricity production
Load of power generation sites

At the JARED Oigawa Center of Sony Music Solutions Inc., solar power provides 50% of overall electrical power

Attempt to Introduce Renewable Energy by Intracompany Electricity Transfer Service (2)

Supply-demand Balance Management

Electric Company’s power transmission and distribution network
Maximally effective use of renewable energy through self-consignment

Supply-demand balance
Demand forecast
Power generation forecast

Planned values request

Organization for Cross-regional Coordination of Transmission Operators (OCCTO)

Realize a highly accurate power generation and demand (=consumption) forecast
(Ex.) Summer weekday

Surplus power
Captive consumption

Amount of power transmitted in 30-minute increments (forecast generation amount - forecast consumption amount)
Request necessary information such as above from OCCTO

Power generation and demand forecast simulation
Climate-related Disclosures according to TCFD Recommendations  Overview(1)

■ Governance

• The Board of Directors regularly deliberates and decides on the mid-term management plan and the fiscal year’s business plan, and deliberates and decides on various opportunities and risks, including climate change.
• Senior executives carry out strategies based on the business plan and management plan and execute operations.
• The senior executive elected by the Board of Directors to be responsible for environmental management establishes the company regulations that determine the basic framework of Sony Global Environment Management.
• Compliance with these regulations and operations, etc., are monitored through the environmental department.

■ Strategy | Creating and Expanding Business Opportunities

• With the adoption of the COP21 “Paris Agreement”, people have been increasingly interested in the issue of climate change, and Sony is implementing the use of renewable energy with a wide array of products.
• We believe that in the midst of such a social trend, the demand for renewable energy products may further increase.

* For further details, please see “Disclosure of Climate-related Information in Accordance with the TCFD Recommendations” on page 111 in the Sustainability Report 2020.

Climate-related Disclosures according to TCFD Recommendations  Overview(2)

■ Strategy / Scenario Analysis

1. Objective: To understand the risks and opportunities we will face in the case that external environmental temperature change occurs in association with climate change, focusing on imaging and sensing technologies, which generate the most greenhouse gas emissions of Sony Group
2. Scenarios Used: 2°C and 4°C scenario
3. Analysis Results and Response

• In the 2°C scenario, a possible increase in rising costs of crude oil and power derived from fossil fuels due to introduction of carbon pricing and its effects was acknowledged. Sony joined “RE100” and is implementing the plan to achieve 100% renewable electricity for worldwide operations by 2040.
• In both the 2°C and the 4°C scenario, the possibility that demand will decrease when, as temperatures rise, extreme weather events increase in severity and frequency, and that our plants and suppliers will suffer damage, causing the delivery supply chain to be disturbed, was acknowledged, and we are working on identifying, analyzing, and evaluating each kind of risk for business continuity throughout the whole supply chain, implementing crisis management, and establishing and strengthening the business continuity plan, for each business.

* For further details, please see “Disclosure of Climate-related Information in Accordance with the TCFD Recommendations” on page 111 in the Sustainability Report 2020.
New Climate Change Targets Approved as SBT*1.5°C target

SBT (Science Based Targets)
International initiative to encourage companies to set science-based greenhouse gas reduction targets in order to limit the increase in average global temperature due to climate change to 1.5°C above pre-industrial levels.

<table>
<thead>
<tr>
<th>Achievement Fiscal Year</th>
<th>Target Amount of Greenhouse Gas (GHG) Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2035</td>
<td>Reduce 72% of GHG emissions at Sony sites globally (Compared to FY2018)</td>
</tr>
<tr>
<td>2035</td>
<td>Reduce 45% of GHG emissions during product use (Compared to FY2018)</td>
</tr>
<tr>
<td>2025</td>
<td>Have 10% of suppliers/OEMs by emissions covering supply chain GHG emissions set SBT targets</td>
</tr>
</tbody>
</table>

SBT Targets and Milestones until Fiscal 2050

Remaining GHG emission is offset through carbon credit and Renewable Energy Certificates, etc.

History of Environmental Activities

1990    President’s policy notice on environmental preservation, Established Global Environment Committee
1993    Sony Global Environment Policy and Environmental Action Program developed
2002    Finished acquiring ISO14001 certification at manufacturing sites around the world
2006    Acquired integration authentication for environmental management systems at sites around the world Began participating in WWF’s Climate Savers Programme
2010    Created Environmental plan “Road to Zero”
         Created environmental medium-term targets “GM2015”
2015    Created environmental medium-term targets “GM2020”
         Climate change related targets approved as “Science Based Targets”
2018    Joined RE100
2020    Created environmental medium-term targets “GM2025”
         Fiscal 2035 climate change targets are approved as “Science Based Targets”
Cautionary Statement

Statements made in this release with respect to Sony's current plans, estimates, strategies and beliefs and other statements that are not historical facts are forward-looking statements about the future performance of Sony. Forward-looking statements include, but are not limited to, those statements using words such as "believe," "expect," "plan," "strategy," "prospect," "foresee," "estimate," "project," "anticipate," "aim," "extend," "seek," "may," "might," "could" or "should," and words of similar meaning in connection with a discussion of future operations, financial performance, events or conditions, from time to time, oral or written forward-looking statements may also be included in other materials released to the public. These statements are based on management's current assumptions, judgments and beliefs in light of the information currently available to it. Sony cautions that a number of important risks and uncertainties could cause actual results to differ materially from those discussed in the forward-looking statements, and therefore investors should not place undue reliance on them. Investors also should not rely on any obligation of Sony to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Sony disclaims any such obligation. Risks and uncertainties that might affect Sony include, but are not limited to:

(i) Sony's ability to maintain product quality and customer satisfaction with its products and services;
(ii) Sony's ability to continue to design and develop and win acceptance of, as well as achieve sufficient cost reductions for, its products and services, including image sensors, game and network platforms, smartphones and televisions, which are offered in highly competitive markets characterized by severe price competition and continual new product and service introductions, rapid development in technology and subjective and changing customer preferences;
(iii) Sony's ability to maintain product quality and customer satisfaction with its products and services;
(iv) the effectiveness of Sony's strategies and their execution, including but not limited to the success of Sony's acquisitions, joint ventures, investments, capital expenditures, restructurings and other strategic initiatives;
(v) changes in laws, regulations and government policies in the markets in which Sony and its third-party suppliers, service providers and business partners operate, including those related to taxation, as well as growing consumer focus on corporate social responsibility;
(vi) Sony's reliance on external business partners, including for the procurement of parts, components, software and network services for its products or services, the manufacturing, marketing and distribution of its products, and its other business operations;
(vii) the global economic and political environment in which Sony operates and the economic and political conditions in Sony's markets, particularly levels of consumer spending;
(viii) the global economic and political environment in which Sony operates and the economic and political conditions in Sony's markets, particularly levels of consumer spending;
(ix) risks related to catastrophic disasters, pandemic disease or similar events; and
(x) risks related to catastrophic disasters, pandemic disease or similar events.

Risks and uncertainties also include the impact of any future events with material adverse impact. The continued impact of COVID-19 could heighten many of the risks and uncertainties noted above. Important information regarding risks and uncertainties is also set forth in Sony's most recent Form 20-F, which is on file with the U.S. Securities and Exchange Commission.