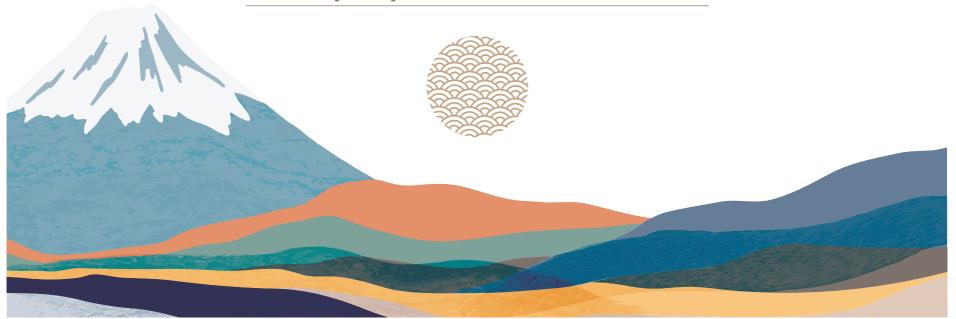
## the japan times

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# Sustainable Japan Award 2021

Ceremony and panel session with award winners



## Prizes bring efforts of Japan and its companies to global attention

Minako Suematsu CHAIRPERSON AND PRESIDENT. THE JAPAN TIMES CO. LTD.

At the first awards event since the Japan Times Satoyama and ESG Awards became the Sustainable Japan Award, Japan Times Chairperson and Publisher Minako Suematsu gave the opening address.

Satoyama & ESG AwardsからSustainable Japan Awardへ、名称が変わってから初めての受賞 イベントを迎えるにあたり、ジャパンタイムズの代 表取締役会長兼社長の末松弥奈子氏が開会の挨拶を

Looking back to 2018, when The Japan Times established the predecessor of the Sustainable Japan Network, she said,

"At that time, many

said that the government and companies were falling behind countries in Europe and

ジャパンタイムズがSustainable Japan Network の前身を設立した2018年を振り返り、末松氏は「当 時、日本や日本企業の取り組みは欧米諸国から遅れ をとっていると言われていました」と述べた。

これは、英語での情報発信力の弱さによる認知度

She analyzed the reputation of Japan's efforts as partly the result of a lack of visibility due to an insufficient capacity to publicize information in English. She also pointed out that imbalanced media coverage hinders thorough understanding of what is really happening, such as in the case of the July 2020 grounding incident in Mauritius that Mitsui O.S.K. Lines was not actually

の低さが一因であると末松氏は分析し、また、モーリ シャスでの座礁事故において、実際には三井商船の責 任はなかったことに示されるように、バランスに欠け る報道が事実の理解を妨げることも指摘した。

末松氏は、日本について、日本の企業についての

She highlighted the importance of taking responsibility in communicating the facts to the world based on a profound understanding of Japan and Japanese companies.

She celebrated the prizewinners, saying their activities deserve global attention, and promised that The Japan Times, Japan's oldest English-language newspaper, will keep the word up to date on their achievements.

深い理解にもとづき、責任を持って事実を世界に発 信することの重要性を強調。また、受賞者らの活動 は世界からの注目に値するとして、受賞を祝福し、 日本で最も古い英字新聞として、これを世界に伝えて



Sustainable Japan Grand Prize

Mitsuru Izumo PRESIDENT, EUGLENA CO. LTD.

The Sustainable Japan Network, established in June through a merger of The Japan Times' ESG Consortium and Satoyama Consortium, organized the awards ceremony for the Sustainable Japan Award 2021 on Sept. 28 online to recognize companies, organizations and municipalities that have made noteworthy achievements mainly in the areas of ESG (environmental, social and governance) practices and the preservation and sustainable utilization of satovama

ジャパンタイムズESGコンソーシアムとSatoyama 推進コンソーシアムが合併する形で今年6月に設立さ れたSustainable Japan Networkは、オンラインに てSustainable Japan Award 2021の授賞式を開催 し、主にESGの取り組みや里山の資源の保全・持続可

## products and eco-friendly biofuels from algae resources.

"Satoyama" refers to rural mountains and forests that are kept intact by residents through careful use and mainte-



The annual Sustainable Japan Award originally the Japan Times Satoyama and ESG Awards, launched in 2019 - selected nine prizewinners from diverse sectors and industries. The Grand Prize went to Euglena Co. Ltd., a venture company engaging in the research, development and commercializa-

能な活用といった分野での企業や団体、自治体による 注目すべき取り組みを評価した。

大賞は、栄養豊富な藻類であるユーグレナの研究開 発、そしてヘルスケアやエネルギーなどへの活用を手 がけるベンチャー企業、株式会社ユーグレナに贈られ、 出会い、2005年に起業。食品という形で販売し、多

tion of the nutrient-rich algae euglena, mainly to be used in the fields of health care and energy.

Literally green Euglena makes nutritious food

In celebration of the winning of the Grand Prize, President Mitsuru Izumo made a speech online from his company's lab.

The concept for the company came out of Izumo's experience of seeing children suffering from malnutrition in Bangladesh back when he was in university. In the course of his academic pursuit to find highly nutritious food sources, he came across Euglena, and started the company in 2005 to turn Euglena into food products.

In addition to contributing to the health of

代表取締役社長の出雲充氏が受賞の喜びを語った。 学生時代に訪れたバングラデシュで栄養失調に苦し む子ども達を目の当たりにしたことがきっかけで、栄 養価の高い食材の研究を始めた出雲氏はユーグレナに

many through the sale of Euglena food products, the company has provided more than 10 million packs of cookies with nutritious Euglena to children in Bangladesh since 2014 through the Euglena Genki Program.

The company also produces biofuels made from used cooking oil and Euglena oil. The company supplies its biofuels to about 30 companies and aims to further promote and expand its use to realize the Euglena corporate philosophy, "Sustainability First."

"In June this year, the first flight of a jet aircraft filled up with the bio-jet fuel developed

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くの人の健康に資するだけでなく、2014年からユー グレナGENKIプログラムと称してバングラデシュの子 ども達にユーグレナ入りクッキーを届け続けている。 また、使用済みの食用油とユーグレナ油脂から 作られるバイオ燃料開発など、その事業はすべて

## ESG winners discuss advancing efforts at home and abroad

#### Maiko Muraoka

Contributing writer

As part of the awards event of the Sustainable Japan Award 2021, a panel discussion was held involving speakers from the Dai-Ichi Life Insurance Co. Ltd. and Mitsui O.S.K. Lines Ltd., (MOL), which received the



**Michiyo Morisawa** PRI Secretariat Japan head and CDP Japan director

Excellence Award, and Food Loss Bank and Green Finance Network Japan, which received the Special Award in the ESG (environmental, social and governance) category

The discussion, moderated by Michiyo Morisawa, Japan head of the Principles for Responsible Investment (PRI) and CDP (formerly the Carbon Disclosure Project), focused on the sustainability efforts of the companies, political involvement in promoting and supporting corporate efforts, and the importance of participating in international frameworks and public relations activities.

Kazuyuki Shigemoto, executive officer of Dai-Ichi Life, explained that the company is making sustainability efforts in line with its corporate vision of contributing to the wellbeing of all. "As an operating company providing life insurance and an institutional investor, we have set the targets for achieving carbon neutrality. As an operating company, we aim to halve GHG emissions from our life insurance business by 2025 and achieve carbon neutrality by 2040. As an institutional investor, we will reduce GHG emissions from our investment portfolio by 25% by 2025 and achieve carbon-neutrality by 2050." he said.

The company is also making progressive efforts in achieving diversity and inclusion within its organization. The current percentage of women in managers position is 13%, and the company set the target to increase it to 30% by 2024, and aim to increase the female ratio in executives to 30% by 2030.

As an institutional investor, the company aims to create positive impacts to the society through its investments. "We started ESG investments in 2014, and so far have invested ¥940 billion (\$8.2 billion), of which ¥390 billion went to measures against climate change, including renewable energy,' Shigemoto said.

Toshiaki Tanaka, director, senior managing executive officer, and the chief environment and sustainability officer of MOL explained how the oil spill involving the bulk carrier MV Wakashio that occurred off the coast of Mauritius last year led to greater awareness and actions to preserve the environment and provide regional support. The vessel was chartered by MOL but was owned and operated by Nagashiki Shipping Co. In the cases of incidents like this, the vessel owner usually bears the legal responsibility. Even though MOL was not legally responsible, it has been making great contributions to the affected areas to fulfill their social responsibility.

"It was heart-wrenching news for all of our employees," Tanaka said. "We really put our heads together and thought



through what we can do, though we were not responsible legally. As a result, this incident triggered the company structure to face the [U.N.] sustainable development goals head-on and take action."

He went on to say that exposing themselves to the global community and explaining about the incident while making various social and environmental contributions was considered to be the best way to rectify some of the misleading news reports about the incident. Their support activities included protection of mangrove forests, coral reefs and birds, financial support for fishermen, food aid, donations to schools and other welfare activities.

"We emit 15 million tons of carbon dioxide annually. Compared to the other mode of transportation, it is not much at all, considering the amount per shipment, but the scale of our business makes the total volume big. We have taken measures to address this, along with other environmental issues such



Toshiaki Tanaka
Mitsui O.S.K. Lines Ltd.
Director, Senior Managing
Executive Officer, and
Chief Environment and
Sustainability Officer

as climate change, protection of biodiversity and marine environments, and prevention of air pollution," Tanaka said.

Food Loss Bank, headed by Sakiko Yamada, who is also the president of Academie Japonaise de la Gastronomie, engages in sustainable business activities including the manufacture and sale of products made from otherwise wasted food items and flowers, plus planning and running related events while helping other companies to be more sustainable in their own business practices.

"Japan's food loss amounts to 6 million tons per year, which is 1.5 times more than the amount of food aid provided to people suffering from hunger in the world annually," Yamada said. She explained about Ugly Love, one of the projects run by Food Loss Bank to promote the use of vegetables and fruits that have been discarded just because their shape is irregular.

In addition, the company worked with Armani/Ristorante in Tokyo to develop a "Loss Food Menu" making use of such irregular vegetables and fruits. It also collaborated with the Palace Hotel to make cakes for sale using ingredients that would have been wasted otherwise, and in similar ways with many other well-known brands and companies such as Snow Peak Inc., a Japanese outdoor brand, and the food company Mizkan Holdings Co. Ltd.

The Green Finance Network Japan (GFNJ) was the only nonprofit organization among the four award winners this year. Green finance — the practices of financing and investing in more environmentally sound and sustainable ways, which became a global trend after the Paris Agreement was signed in 2015 — is drawing more and more attention in Japan recently thanks partly to the efforts of GFNJ.

Hideki Takada, the secretary-general of the organization, was assigned by the Ministry of Finance as a senior policy analyst for green finance and investment at the Organisation for Economic Co-operation and Development (OECD) in Paris from 2015 to 2018. Although Japan was a slow starter in this field, he saw both ministries and companies starting to take on new challenges in line with the concept of green finance. "But the problem was that there were few horizontal relationships among them and insufficient information about who is doing what and where it had been shared," Takada said.

That is why Takada founded GFNJ almost as soon as he returned from Europe in 2018. The organization now consists of over 330 members. "The remarkable feature of GFNJ is that members are participating as individuals by their own will," Takada said. This way, closer personal relationships grow among the members, free and open discussions take place, and the network has the potential to expand even while members are assigned to different sections or positions in organizations or companies, or change jobs.

GFNJ also functions as a point of contact for foreign players of green finance in order for them to reach people in Japan. "Foreign investors are interested in the Japanese green finance market, but many are at a loss who to contact. GFNJ can help them reach out to appropriate players in Japan," Takada said. It also collaborates with international and domestic organiza-

tions, government entities and companies in organizing events and symposiums about green finance.

Collaborations with various stake-holders, including governments, investors and



**Sakiko Yamada** Food Loss Bank Co. Ltd. CEO

enterprises, are also necessary to accelerate sustainability efforts in the business sector. Yamada from Food Loss Bank said that when she asked companies for their support in using agricultural products that deviate from standard, some responded by saying that their brands would suffer damage. "So I went to talk to brands like Bvlgari and Armani, which I had connections with through Academie Japonaise de la Gastronomie. If these top brands that are very strict about brand management declare that irregular vegetable and fruits are as good as standard ones in terms of quality, many other companies and brands will follow suit, I thought," Yamada said. "It is also said that the world's richest 10% produce half of the world's carbon emissions."

She noted that renowned chefs at such companies were already aware of the high quality of Japanese agricultural products and had been thinking that something must be done to preserve its agriculture. "So they said they would gladly collaborate with us in an effort to reduce food loss. We try to come up with a sustainability project that is suitable for each company like this," Yamada said.

Just as receiving ideas from outside a company or organization serves as a strong driving force, government policies and initiatives trigger swift changes, too. Morisawa, the facilitator, pointed out that the finance sector is advancing rapidly partly due to government policy changes and initiatives. "Former Prime Minister Yoshihide Suga said in his policy speech that Japan aims to achieve carbon neutrality by 2050. In April this year, he also announced the target of a 46% cut in greenhouse gas emissions by 2030" from 2013 levels, Morisawa said, noting that the fact that this has been put into a policy document means this commitment will not be altered easily even if the government or prime minister changes. "This helped investors who had been indecisive because of the lack of long-term predictability in this field finally decide in which direction to steer," she said.

Takada from GFNJ agreed and said Japan has been catching up rapidly, especially in the last few years, and even making pioneering efforts in some areas. He noted that the expansion of green finance, backed by increasing awareness of climate change and other environmental issues, is remarkable. "The role of the financial sector is gaining importance. Conventionally, green finance had been dealt with only by parts of the Ministry of Environment and the Ministry of Economy, Trade and Industry, but it is now promoted by the entire Financial Services Agency, the Ministry of Finance and the Bank of Japan," he said.

Companies like MOL welcome this change.

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## Sustainable Japan ESG Excellence Award

#### Dai-ichi Life Insurance Co. Ltd.

Established in 1902, Dai-ichi Life Insurance has been serving people by delivering life insurance as a lifelong partner for each and every customer. It is also committed to promoting responsible investments as an asset owner.

#### 第一生命保険株式会社

1902年の創業以来、生命保険事業を通じてお客さまに安心を届けてきました。また、機関投資家として責任投資の推進にも積極的に取り組んでいます。



#### Mitsui O.S.K. Lines Ltd.

Mitsui O.S.K. Lines has developed a variety of social infrastructure businesses, mainly in the shipping industry, since its establishment in 1884. It will continue to take on the challenges of society's changing needs through the evolution of technologies and services.

#### 株式会社 商船三井

商船三井は1884 年の創業以来、海運業を中心に様々な社会インフラ事業を展開してきました。 今後も変化する社会のニーズに技術とサービスの進化で挑みます。



Photos by Hiromichi Matono

#### $\rightarrow$ Continued from page 2

MOL announced this year its goal of achieving net-zero emissions in 2050. "But the hard part is that we are moving things like huge islands. Tens of thousands of horsepower is necessary every year to move such big vessels for tens of thousands of miles," Tanaka said. He explained that it is a huge challenge to replace the heavy fuel oil to new fuel in the future to move such large ships for such long distances, which needs enormous energy like nuclear power for example. "The use of hydrogen and ammonia power generation in this sector is still in the discussion stage," Tanaka said, adding that the use of liquefied natural gas can help reduce emissions by only 25%. "We are still at the transition stage of our efforts to achieve net-zero emissions, starting with establishing new technologies such as ammonia power generation," Tanaka said. He stressed that the cooperation of the public sector as well as the financial sector

is a must. Takada agreed, saying: "Green finance is spreading to various fields in the private sector. Just like in the case of MOL, the need for transition finance will increase. This is one of the fields in

which Japan can



Hideki Takada Green Finance Network Japan secretary-general

take the initiative on the global stage."

Participating in various international frameworks is also a way to speed up the process of achieving higher levels of sustainability. "Since the 2030 target of a 46% cut in greenhouse gas emissions does not apply to international shipping industry, MOL complies with the measures set forth by the International Maritime Organization in terms of emission controls." Tanaka said. He further explained that one good thing about IMO's measures is that they are mandatory, "But there is also criticism that its guidelines are not strict enough, which is being rectified at the moment," Tanaka

Shigemoto from Dai-Ichi Life outlined some of the international frameworks that the company is involved in. One is the Net-Zero Asset Owner Alliance, an international initiative in which institutional investors aim to transition their portfolios to net-zero greenhouse gas emissions by 2050. "We were aware that we were far behind compared to institutional investors in Europe in this field," Shigemoto said. To catch up with its counterparts in Europe, Shigemoto said, it was much faster to join the alliance, which had already been working on the creation of standards, and use what they could learn from it in their asset management than to think about what to do on their own from scratch. "Becoming a member of the alliance comes with the responsibility to set a reduction target and commit it. We have set 25% emission reduction by 2025, which is a significant amount, but we are thinking about how to achieve it rather than whether we can achieve it or not. The important thing would be to think how effectively to engage with stakeholders and contribute to transition finance as well," he said.

Diversity and inclusion, though not mentioned at length in this panel discussion, is becoming one of the major challenges not only for companies but also for society

itself to ensure sustainable growth. Dai-Ichi Life belongs to the 30% Club, a global campaign to increase workplace gender diversity at the board and senior management levels. While a company can deal with gender diversity by itself, again the reason for joining such



an international project is efficiency. "We can learn some advanced examples of other companies. We can get concrete answers to questions like what kinds of challenges need to be overcome in what ways to increase diversity," Shigemoto said.

It is one thing to make efforts and another to publicize those efforts and achievements to increase one's international presence. Dai-Ichi Life is also a member of the Glasgow Financial Alliance for Net Zero (GFANZ), an international coalition of more than 290 financial institutions committed to the decarbonization of the global economy. Dai-Ichi Life President and Representative Director Seiji Inagaki is one of the 18 people from around the world forming the CEO Principals Group. The group, which operates GFANZ, builds strategies to accelerate decarbonization and monitors their progress. It is led by Mark Carney, the U.N. special envoy for climate action and finance and U.K. Prime Minister Johnson's finance adviser for COP26, and Nigel Topping, the U.K.'s high-level climate action champion, appointed by the prime minister in January 2020. "Inagaki received the offer to be one of the principals because we were the first company to ioin the Net-Zero Asset Owner Alliance from the Asian region," Shigemoto explained, adding that Inagaki was able to accept the offer because he is capable of speaking about Japan's stance in English. "It is an international group, so of course all the discussions are conducted in English. It is not always easy for just one Japanese company to make an impact on international rule-making, but we want to do our best," Shigemoto said.

Yamada from Food Loss Bank is promoting its activities and Japan's efforts through "Masterclasses for a Better Food Future," a video series published by the World Food Forum, an international youthled movement and network committed to transforming global food systems in sustainable ways. "We originally had the spirit of mottainai, meaning 'what a waste,' since long before the launch of the sustainable development goals," she said of Japan. pointing out that Japan is actually making various efforts for global sustainability. "But our efforts will go unnoticed if we do not present them on a global stage. It is important to disseminate Japan's achievements to the world, and we want to make contributions in this area too.'

Morisawa, the moderator of the session, who is also the chairman of The Japan Times' Sustainable Japan Network, agreed and commented that Japan has been making environmental efforts not only for itself but also for the world. "We should send out more information about such efforts to the world, and I hope that The Japan Times will do exactly that," Morisawa said in conclu-

Sustainable Japan Award 2021の授賞式 の一部として行われたESG優秀賞&特別賞パネ ルセッションでは、PRI事務局ジャパンヘッド兼 CDPジャパンディレクターの森澤充世氏がモデ レーターを務め、優秀賞を受賞した第一生命保 険株式会社の執行役員投資本部長の重本和之氏 と株式会社商船三井の取締役専務執行役員、チ フエンバイロメント・サステナビリティオフィ サーの田中利明氏、そして特別賞を受賞した株 式会社フードロスバンクの代表の山田早輝子氏、 Green Finance Network Japanの事務局長の 高田英樹氏の4名が、持続可能な取り組みや行 政の役割、国際的な枠組みに参加することの重 要性や海外への情報発信の必要性などについて 意見を交わした。

第一生命の重本氏は、「当社は事業会社・機 関投資家の両面で、カーボンニュートラルを 実現するための目標を掲げています。事業会 社としては、生命保険事業によるGHG排出量 を2025年には50%に、2040年にはカーボン ニュートラルを達成することを目標としてい ます。機関投資家としては、運用ポートフォ リオのGHG排出量を2025年までに25%削減、 2050年にはカーボンニュートラルを実現したい と考えています」と語った。

職場における多様性の確保に関しても、 2030年までに女性役員比率30%を目指し、 2024年4月までに女性のライン部長・ラインマ ネジャー級比率30%の達成を目標に掲げる。機 関投資家としては、社会課題の解決に資する資 産への積極的な投融資を通じて、社会へのポジ ティブ・インパクトの創出に取り組んでいる。 例えば、気候変動対策としては、再生可能エネ ルギー事業・グリーンボンドなどにこれまでに 3,900億円を投資していると明かした。

商船三井の田中氏は、昨年モーリシャス沖で 発生したWAKASHIO号の座礁事故がきっかけと なり、SDGsに正面から向き合う社内体制づくり につながったと語った。商船三井がチャーター したこの船を実際に所有・運航していたのは別 の会社であり、本来、商船三井には法的責任が ない状況でありながら、誤解も含めた報じられ 方を正すと同時に、影響を受けた地域への多様 な支援を行ったのは、社会的な反響と責任を考 えたからだという。

また、「荷物あたりの量からすると(他の輸 送手段に比べれば) 非常に少ないとはいうも のの事業規模が大きいため毎年1,500万トンの CO2を排出しています」と話し、気候変動への 対策を含む環境保護の取り組みが行なわれてい ることにも触れた。

「日本の食品ロスは年間600万トン。これは世 界で飢餓に苦しむ人々への支援の約1.5倍です」 と語ったフードロスバンクの山田氏は、食品口 スを利用した商品開発や企業に合わせたサステ ナビリティプロジェクトの提案などを手がける。 「Ugly Love」はフードロスバンクが動かしてい るプロジェクトのひとつで、形が不揃いである というだけで規格外品とされ、廃棄されてしま う野菜や果物の活用を推進している。アルマー ニが経営するレストランと規格外品のメニュー を考案したり、パレスホテルと協力し規格外品 を使用したケークサレを作るなど企業とのコラ ボレーションの実績も多い。

より環境に良い、持続可能な金融活動や投資活 動を指すグリーンファイナンスが世界で広まり始 めてから数年が経つ。Green Finance Network Japanの高田氏は財務省の官僚でもあり、出向先 のOECDではグリーンファイナンスと投資の分野 の職務に従事。2018年に出向先のフランスから 帰国した際に、日本でも省庁や企業が良い活動を し始めているにも関わらず、横のつながりが少な く、情報共有が十分にされていないことに気づき、 様々な業界、立場の人が個人の資格で参加できる GFNJを設立した。参加者は330人を超え、海外 と日本のプレイヤーを引きあわせるための窓口と しての機能も果たす。

ビジネスの分野でのサステナビリティの取り 組みを加速させるには、様々なステー ダーを巻き込むことが必要だ。フードロスバン クの山田氏は、規格外品の使用をすることでブ ランドに傷がつくと言われた経験もあるが、そす」とこのセッションを締めくくった。

こであえてブルガリやアルマーニなどのトップ ブランドにアプローチしたという。

「ブランド管理に厳格なトップブランドが規 格外の野菜や果物も品質は良いと言ってくれれ ば早いと思ったのです」と山田氏。世界の上位 10%の富裕層が世界の炭素排出量の約半分を占 めることを指摘し、この層を巻き込むことの重 要性を説いた。

ビジネスに関わるステークホルダーのひとつ にはもちろん行政も含まれる。モデレーターの 森澤氏は、CO2排出量削減目標など政府が明確 な方針を打ち出すことで、金融をはじめ各セク ターにおける変化を加速させることができると いうことに触れ、高田氏も、従来は環境省や経 産省の一部で扱われていたグリーンファイナン スが、金融庁全体、財務省、日本銀行なども推 進するものに成長してきていることを指摘した。 商船三井はこのような変化を歓迎し、船舶のよ うな大きなものを動かすためのエネルギーをグ リーンなものに変えていくにはまだまだ技術の 開発も必要で、これは一企業だけでは実現でき ないと述べた。

大きさや距離のスケールを考えると原子力で も使わない限り難しいとされていた業界で、水 素やアンモニアなどを活用する技術をどう生か すかについてはまだ議論の段階であるとし、こ のトランジションを支えるための行政や金融の 協力は不可欠であるとした。「高田氏はこれに 対し、「トランジションファイナンスも、日本 が世界をリードしうる分野です」と述べた。

国際的な枠組みへの参加もまた、変化を推進 していく上で大きな原動力になる。2030年まで に46%削減という日本の目標は、外航海運は対 象外であるため、商船三井では外航海運を扱う 国際機関であるIMOの基準を遵守しつつ、自社 では2050年までにネットゼロを目標に掲げてい るという。

第一生命は、ネットゼロ・アセットオーナー・ アライアンスという国際的イニシアチブに加盟。 「アライアンスに加盟することにより、GHG削減 目標にコミットするという責任が生じます。当 社は中間目標として2025年までの25%削減 (2020年対比)にコミットしています。これはか なりの削減量ですが、どうすれば達成できるか を考えています」と重本氏はいう。

また、サステナブルな投資の基準を一から自 社で検討するよりも、すでに検討中の組織に参 加して知見を得る方がはるかに効率的であると いう見解を示した。第一生命は同じ理由で、多 様性の推進についても30% Clubという女性の 管理職比率の引き上げに取り組む世界規模の キャンペーンに参加している。

こういった日本における様々な取り組みを世 界に発信していくことの重要性について受賞者 らには共通の認識があり、フードロスバンクで は、世界の若者が中心となって世界の食物シス テムをよりサステナブルに転換させよう取り組 みであるWorld Food Forumを通じて日本発の ビデオ講座シリーズを発表するなどの取り組み を行っている。

「日本にはもともとSDGs以前にもったいない 精神がありますよね」と山田氏は指摘し、努力 をしていても、そのことが大きな舞台で発表さ れなければ何もしていないのと同じ扱いになっ てしまうため、海外への発信を強めていく必要 があると語った。

第一生命は世界の290を超える金融機関が世 界経済の脱炭素を目指すグラスゴー・ファイナ ンシャル・アライアンス・フォー・ネットゼ 口 (GFANZ) にも加盟しているが、代表取締 役社長の稲垣精二氏は、世界各国から選ばれた GFANZの18人のプリンシパルとして名を連ね ている。

重本氏は、「もちろんすべての議論が英語で 行われるが、日本の立場を英語で発信できる社 長であるからこそ可能になりました」と語り、 日本のアセットオーナーとして国際的なルール 作りに関わっていく意欲を示した。

森澤氏は、「日本での取り組みについても と世界に発信していくべきで、ジャパンタイム ズがまさにその部分を担うことを期待していま



### 🚧 Sustainable Japan ESG Special Award

#### Food Loss Bank Co. Ltd.

Food Loss Bank was established with the aim of improving the environment starting with reducing food loss. It aims to solve social issues and achieve economic growth at the same time, based on the principles of diversity, recycling and sustainability.

#### 株式会社フードロスバンク

FOOD LOSS BANKは食品ロス削減から始まる環境 改善を目指し設立されました。多様性、循環性、持続 可能性が持続可能である事を軸に社会課題の解決と経 済成長の両立を目指します。



#### **Green Finance Network Japan**

Green Finance Network Japan, launched in 2018, is an informal network that brings together key players on green finance in Japan from both the public and private sectors and provides a platform for collaborating with international stakeholders.

#### Green Finance Network Japan

2018年に設立されたインフォーマルなネットワークです。 日本における官民のグリーン・ファイナンス関係者の連 携・情報共有を図るとともに、海外のステークホルダー との連携のプラットフォームとしても機能しております。

**Green Finance Network Japan** 

## Satoyama winners discuss new approaches to sustainable revitalization

#### Sam Holden

Contributing writer

Local regions in Japan and around the world are in need of innovative approaches to developing sustainable economic models while adapting to social challenges such as depopulation and aging. Although we typically think of innovation as emerg-



Kousuke Motani The Japan Research Institute Ltd, chief senior economist MODERATOR

ing from dynamic urban centers, some of the most important insights and new models for the future can be found far away from big cities, and in response to the specific challenges facing local communities.

At the Sustainable Japan Awards 2021, held by The Japan Times in Tokyo on Sept. 29, a talk session featuring four award recipients in the satoyama category offered ample evidence that innovation can flower in the most remote places, or within established companies that choose to re-imagine their business

The Japan Times Satovama Consortium is named for the traditional rural mountain landscapes known as satoyama, whose residents nurture ecosystems and pursue the sustainable use of natural resources.

In 2019, the consortium established the Satovama and ESG Awards to recognize exemplary initiatives in two fields: creating a sustainable circular economy through the use of existing regional resources - the satoyama category; and delivering innovative projects and technologies from the perspectives of the environment, society and corporate governance (ESG) and of the U.N.'s sustainable development goals - the ESG category.

"Our tiny village can seem like the end of the Earth, but being recognized in this way reflects the expectations for what has been started in this remote place," said Naoko Oshima, who represented the village of Nishiawakura in Okayama Prefecture.

Similarly, Hiroshi Abe, representative director of Kaze to Tuchi to Inc., described his tiny, isolated community of Ama in the Oki Islands of Shimane Prefecture as "a kind of miniature model of where Japanese society is headed." The economic and demographic challenges it faces are becoming apparent across the country, but Abe suggested that "if we can become a pioneer in developing solutions to these problems, it could be useful everywhere.'

These two innovators on the rural frontier were joined by Tadamasa Saito, representative director of the Matsumoto-based hospitality company Tobira Group, and Osamu Nishimura of Meets Takegami, a brand of sustainable bamboo paper launched by Chuetsu Pulp & Paper Co. Ltd. Both discussed how their longstanding companies developed new business models built around sustainability principles.

Nishiawakura won the Sustainable Japan Excellence Award at this year's Satoyama and FSG Awards, while the Excellence Award in the satoyama category was shared by Tobira Group and Kaze to Tuchi to. Meets Takegami received the Sustainable Japan Satoyama Special Award.

Kosuke Motani, a chief senior economist at the Japan Research Institute Ltd. and an adviser to the consortium as well as one of the judges of the satoyama awards, moderated the talk session.



Isolation from Tokyo and other economic centers can be an obstacle to economic development and an accelerant of depopulation, but both Nishiawakura and Ama have succeeded in turning their remoteness to their advantage, becoming seedbeds of innovation. In both cases, the decision not to merge with larger municipalities in the mid-2000s set the stage for the communities to forge their own paths as they grappled with social, economic and environmental challenges.

At the talk session, Nishiawakura was represented by Naoko

Oshima, a migrant to

the village who now

nization engaged in

tion efforts.

community revitaliza-

Nishiawakura, nestled

in the mountains of

northern Okayama

Prefecture along the

borders with Hyogo

population of around

1,450 people and is

and Tottori, has a

runs a nonprofit orga-



Naoko Oshima **NISHIAWAKURA** MURAMARUGOTO Local Invention Labo, representative director

more than 95% forest.

Despite its relative inconvenience. Nishiawakura has gained notice around Japan for attracting a large number of migrants, who now make up nearly 15% of the population. The number of households has increased so dramatically that new migrants struggle to find vacant houses, which once were abundant. "This could be seen as a problem, but some have turned it into an opportunity for new businesses," said Oshima.

Like many other new migrants, Oshima was attracted by Nishiawakura's "100-year vision of the forest," an initiative launched in 2008. Many artificial forests planted in Japan in the 20th century have been neglected for decades, leaving mountainous areas in a poor state of ecological health. The 100-year vision seeks to pioneer new approaches to restore greater biodiversity and a sustainable relationship between humans and the environment. As part of this initiative, a "forest school" was established to share knowledge about forestry and craftsmanship, and helped to attract a community of eco-minded migrants. Of more than 50 recently established businesses, many are related to forestry and the use of forest products, Oshima said,

In recent years, the village's forest management has attracted attention for its cuttingedge techniques such as using laser-equipped drones to create 3D models of mountains and

individual trees, but Oshima recalled how the initiative started from humble origins, with public servants working to convince local landowners to support the initiative. He added, "Nowadays you could use a helicopter, but 15 years ago, a young woman the same age as me had to take a GPS receiver into the forest and measured all the property boundaries on

Oshima credited many of the local people inside and outside of the village office with laying the groundwork. "It's atop those earlier efforts that migrants like myself have been able to establish ourselves and achieve success in current initiatives. I'm very proud of that," she said.

Moderator Motani pointed to the high number of migrants and new businesses, and the challenges of entrepreneurship, and suggested Nishiawakura is ahead of Tokyo in many ways. "Cutting-edge things that aren't happening in the heart of Tokyo are happening in a mountain village. This is what is astonishing about Japan's satoyama. It's not simply beautiful nature and leisure – the same sorts of things that happen in big cities are taking place in a more advanced form," he said.

Similar to Nishiawakura, Ama is a tiny community distant from major economic centers. 'To get from Ama to Tokyo, it's a three-hour boat ride, and then a further six to eight hours with several transfers," said Hiroshi Abe, who had made the journey to Tokyo the previous day. As the representative director of Kaze to Tuchi to, Abe has worked closely with the local government and community on educational and revitalization initiatives in Ama. "We are all engaged in an all-out battle for the island's

Abe explained how Ama has successfully used a combination of technology and social innovation to turn this isolation to its advantage. Advanced freezing technology known as CAS allows local seafood producers to export high-quality products to Tokyo and other distant consumer centers. Two restaurants in the capital and a third in Sapporo serve menus primarily composed of ingredients shipped from

Like Nishiawakura, Ama also introduced high-speed internet at a relatively early stage, and the local government and entrepreneurs have leveraged this technology to great effect. Abe's Kaze to Tuchi to recently launched a publishing business. "It's possible to start a publishing company on a remote island – not to publish information about the island, but books about updating society as a whole," he said.

While changes in logistics and communica-

tion have transformed the ability of rural communities to connect with the outside world, technology alone is unable to solve the challenges posed by population decline, which is particularly severe for isolated islands such as Ama. The munici-



Tadamasa Saito Tobira Holdings Co. Ltd. owner and CEO

pality's population declined from around 7,000 in 1950 to around 2,300 in 2015, during which time annual births fell from around 200 to just eight and the ratio of residents over the age of 65 reached 41%.

A decade ago, Ama was in danger or losing its only high school. "Children would have to go to the mainland, and in many cases the whole family might leave. Plus, there would be no chance of getting young families to move to the island without a school," said Abe. Faced with a crisis that could lead to Ama becoming uninhabited, the island reinvented its high school as a boarding school for children from outside the community. The concept of "island exchange" offers children a distinctive learning environment where "the whole island is a classroom and every islander is a teacher." Enrollment has rebounded from around 90 to 180 students.

The two other participants in the talk session showed that rural migration and startups are not the only recipe for spurring innovation that taps into Japan's satoyama heritage. Tobira Group and Meets Takegami both exemplify how venerable companies can reorient their business models around values that contribute to environmental sustainability and local revitalization.

Tobira Holdings is a hospitality company headquartered in Matsumoto, Nagano Prefecture. Its origins stretch back to the founding of the Tobira Onsen Myojinkan hot spring in 1931, and today the group operates eight different restaurants and accommodations, with over 170 employees. Over the past two decades under Saito's leadership, the company has focused its branding and business strategy on sustainability and well-being rooted in satoyama principles.

Starting in 2003, Tobira Group began integrating ecology and health into its hotel business, through steps including adopting sustainable building materials and composting food waste. In 2009, Tobira Onsen Myojinkan became the first hotel in Japan to be recognized by Green Key International, a Denmarkbased eco-label awarded to accommodations and hospitality facilities around the world. Tobira Group has also focused on promoting the macrobiotic qualities of traditional Nagano foods used in its restaurants.

While sustainability and health have become deeply rooted in the company's culture, Saito said it recognized the need to be more deeply connected to the local communities where it operates, and in 2019 established a new division focused on restoring traditional houses.

Two projects have since been completed under the Satoyama Villa brand, including an accommodation facility that was rebuilt from a large 108-year-old house located in a compound once used by samurai lords traveling to and from Edo. The building's historical and academic value was recognized and was immediately registered as a tangible cultural

Continued on page  $5 \rightarrow$ 

### 🖏 Sustainable Japan Satoyama Excellence Award

#### Kaze to Tuchi to Inc. (Shimane Pref.)

Located in the town of Ama on one of the Oki Islands in the Sea of Japan, Kaze to Tuchi to engages in community-building, human resource development and publishing projects in order to create a sustainable social

日本海の小さな島・海士町で持続可能な社会モデル をつくり、社会を良くする人材や知恵を広げていく ために、地域づくり・人材育成・出版事業を行って います。



#### Tobira Holdings Co. Ltd. (Nagano Pref.)

Tobira Holdings is a corporate group that operates lodging and restaurant businesses in Matsumoto, Nagano Prefecture, including the hot spring Tobira Onsen Myojinkan, which is celebrating its 90th anniversary, among others.

長野県松本市で創立90周年の扉温泉明神館のほか 松本丸の内ホテル、2棟の古民家宿泊施設、和食・ フランス料理のレストランヒカリヤなど、宿泊・飲食 業を展開する企業グループ。



#### Photos by Hiromichi Matono

#### → Continued from page 4

property. In addition, the property has an organic farm and rice paddies, and next spring Tobira Group will open a new facility that will employ people with disabilities to cultivate strawberries and herbs.

Saito emphasized that the continued success of their business is intertwined with the vitality of the local area and agricultural industry. "Our business is based on the premise of taking local ingredients, preparing them and adding value. We have relationships with many farmers, but if a decade from now the number of farmers falls to a tenth of what it is today, we won't have any suppliers at all. So we want to start by doing what we can," he

Also participating in the talk event was Osamu Nishimura of Meets Takegami, a brand launched by Chuetsu Pulp & Paper that develops and markets a range of products that use paper produced from bamboo pulp, instead of the typical pulp made from coniferous or broadleaved trees.

In traditional satoyama environments, bamboo was harvested and used a variety of ways, including to make travs, baskets and the base layer of earthen walls. However, when left untended, bamboo grows thick and encroaches on other forests and agricultural land, and has become a difficult problem to manage in many local communities.

Chuetsu Pulp & Paper has paper plants in Toyama Prefecture, where it is headquartered,



Hiroshi Abe Kaze to Tuchi to Inc. CEO

as well as Kagoshima Prefecture in southern Kyushu. According to Nishimura. Kagoshima has roughly 10% of the entire country's bamboo forests. In 1998, the company began to experiment with producing a small

amount of paper from bamboo at its Kagoshima plant as a way of contributing to the local community.

Spurred by the then company president's enthusiasm for the idea, the company scaled up from initial production of just 7000 tons per year to as much as 20,000 tons by 2011. "This probably constitutes half of the consumption of bamboo in all of Japan," Nishimura estimated.

Producing paper from local bamboo instead of imported pulp has a range of benefits, from preserving adjacent forests and satoyama landscapes to encouraging biodiversity, local economic revitalization and the use of unwanted resources.

However, the initiative remains challenging from a business perspective. Paper made from bamboo is more expensive than regular paper, and "even when it sells it is not necessarily put to use in the best products," Nishimura said. Meets Takegami was launched as a way to develop appealing products that showcase the qualities of bamboo paper. The brand has developed a product line including notebooks, packaging, origami and event materials that feature bamboo and other nature motifs. "We are not doing it foremost to sell products, but to share a message with consumers," Nishimura said.

Pursuing local value can also mean developing products and ideas that have relevance around the world. Tobira Group has attained certifications from multiple organizations, and ioined Relais & Chateaux, a French collection. of luxury hotels and restaurants, which created new international demand for the refined food and experiences available in Nagano.

Ama's untranslatable catchphrase of "nai mono wa nai" means both "what we don't have, we don't have" and "there's nothing we don't have." Abe said it reflects an acceptance of both the limitations and richness of the island's environment, and an ethos



Osamu Nishimura Chuetsu Pulp & Paper Co. Ltd Sales planning department manager

of creating things they lack together. "This is quite similar to the idea of 'gross national happiness' in Bhutan," he explained. Ama has collaborated with the Japan International Cooperation Agency to conduct exchanges with Bhutan, forging ties between local areas and sharing sustainable practices and values. The phrase was also picked up by former Environment Minister Shinjiro Koizumi as a form of Japanese values worthy of promoting around the world.

Similar in tone, Nishiawakura's slogan of "Ikiru o tanoshimu" ("Enjoy living") reflects a worldview not unlike the "slow life movement" that is spreading around the world. Nishiawakura has also been designated as an SDGs FutureCity by the Cabinet Office.

While satoyama initiatives have great potential for both inbound tourism and sharing sustainable practices abroad, the panelists emphasized that the most important thing is to build understanding within the local community and address local needs.

"I think caring about others and valuing interaction between people is at the root of everything in Ama," Abe said. As the number of migrants and new initiatives in Ama has increased, some residents have not managed to keep up with the changes. One of Abe's organizations is planning to hold bus tours for local residents to see projects and meet those involved. "It can help them to develop a better understanding of what's going on. It's easy to be critical when you don't know, but people become supporters when they learn," he

In Nagano, Tobira Group maintains relationships with some 250 local farmers. It works with its suppliers and has provided space in Matsumoto for farmers to sell their goods directly. The company also collaborates with the city government on agricultural policy and has been conducted culinary education in the city of Matsumoto. "If there are no more farmers, we will not be able to supply our restaurants," Saito explained. He expressed hope that his company's activities can contribute to revitalizing the community: "I want to share an image of Nagano life and agriculture that is cool and stylish, that might attract young people who will want to engage in farming."

More than a decade after first moving to Nishiawakura, Oshima recognized that while many new initiatives had sprung up, there was a need to connect different players together and develop closer networks to solve local issues, and founded the general incorporated foundation Mura Marugoto Kenkyujo, which bills itself as a "local invention lab." She sees identifying local needs as a key element of the organization's mission.

'There are always new challenges that keep presenting themselves. I try to avoid using the word 'challenge,' and instead describe them as wishes," Oshima said. "It's easy to get discouraged by counting the challenges we face ... By referring to them as wishes, I focus my activities on trying to create the future together with people who wish to see something different."

日本の地方では、過疎化や高齢化などの社会課題に対応 しながら、持続可能な社会を構築するための革新的なアプ ローチが求められている。多様性や専門性のある人々が集 まり、ダイナミックに経済が動いている大都市からイノベー ションは生まれると一般的には考えられているが、日本の 地域社会の未来モデルになるような挑戦的な取り組みは、 大都市から遠く離れた場所で、地域固有の課題と対峙し、 その課題を解決する過程で起きているのも事実だ。

9月28日に東京で開催されたジャパンタイムズ主催の 「Sustainable Japan Award 2021」では、Satoyama部 門の受賞者によるトークセッションが行われた。進化する 地方の今の姿を浮かび上がらせたセッションの中で、伝統 ある企業の中からもイノベーションが起こり得ることを明 らかにする内容だった。2019年に創設したSustainable Japan Awardは、地域資源を活用して持続可能な社会や 経済を実現する取り組みを評価する「Satoyama部門」と、 環境・社会・ガバナンス (FSG) や持続可能な開発目標の 観点から革新的なプロジェクトや技術を評価する「ESG部 門」の2つのカテゴリーから企業・団体・自治体を評価し

今年は、西粟倉村がSustainable Japan優秀賞を受賞 し、扉ホールディングス株式会社と株式会社風と土とが Satovama部門の優秀賞を受賞した。Meets Takegamiは、 Satoyama部門の審査員特別賞を受賞した。

トークセッションでは、Japan Times Satoyama推進コン ソーシアムのアドバイザーであり、株式会社日本総合研究所 の主席エコノミスト・藻谷浩介氏がモデレーターを務めた。

岡山県西粟倉村の代表として登壇した一般財団法人「西 要食むらまるごと研究所」代表の大鳥奈緒子氏は優秀賞 受賞を受け、「人口が非常に少ない西粟倉村がこういった 形で注目いただけることは、世界の端のようなところで起 こり始めている事に期待していただいているということか 思っています」と話した。

株式会社風と土との代表取締役・阿部裕志氏は、島根県 の隠岐諸島にある海十町を「これからの日本社会の一つの 縮図」だと位置づける。海士町が直面している産業衰退や 人口減少などの課題は、全国各地でますます顕在化してい るが、「課題先進地域が課題解決先進地域になることがで きれば、他のところの役に立つことができる」と阿部氏は 海士町の取り組みの意義を説明した。

過疎という課題に直面している地域の最前線で活躍する 2人のイノベーターに加え、長野県松本市を中心に宿泊施 設・飲食店を運営する扉ホールディングス株式会社の代 表取締役・齋藤忠政氏と、竹紙のブランドであるMeets Takegamiを展開する中越パルプ工業株式会社の西村修氏 が登場。両社は、伝統ある企業がそれぞれ事業、そして 地域の持続可能性を軸とした新しい取り組みに踏み出した 経緯について語った。

東京をはじめとする都市部からの地理的距離は、経済成 長の妨げや、過疎化の要因になるが、西粟倉村と海士町は、 その地理的距離を逆に活かし、地方におけるイノベーショ ンモデルとして活性化を図ることに挑戦し続けている地域 だ。どちらも、平成の大合併において、隣接する自治体と の合併を拒み、地域課題の解決に取り組みながら独自の路 線を歩むという選択をしている。

西粟倉村は、兵庫県、鳥取県に隣接する岡山県北部の中 山間地域にあり、人口は約1,450人、面積の95%以上が森 林で覆われている。しかし、その不便さにもかかわらず、 近年村には移住者が集まり、今では人口の15%近くを占 め、全国から注目されるようになっている。世帯数の増加 に伴い、かつては有り余っていた空き家が見つからないな ど、新たな課題が常に浮上しているが、それも地域の活性 化の証だと大島氏は言う。多くの住人と共に、大島氏も西 粟倉村が2008年より取り組む「百年の森林構想」を推進す る一人だ。二十世紀に植林された人工林の手入れができな くなり、森林の生態系が失われつつある状況が日本の各地 で見られている。「百年の森林構想」は、この状況を改善 しながら、生物の多様性を取り戻し、人間と環境の持続可 能な関係を再構築する試みである。森林資源を使ってもの づくりや交流を促す「森の学校」も設立され、多くの移住 者が集まるきっかけになった。近年村で設立されている50 以上の企業では、林業や林産物の利用に関連したビジネス が多いと大島氏は言う。

モデレーターの藻谷浩介氏は、西粟倉村の移住者や新規 事業の多さ、起業を支援する体制を指摘し、「最先端のこ とが山村で起きている。これは日本の里山の恐るべきとこ ろだ。単に自然豊かで美しくて、楽しいだけではなくて、 都会と全く同じことがもっと先の形態で起きている」と 取り組みを評価した

海士町は、西粟倉村と似た側面が多いと言える。日本 海に浮かぶ離島である海士町から東京までは、船で3時間、 それから乗り換え時間も含めてさらに6~8時間かかるため、 登壇者の阿部裕志氏はトークセッションの前日に上京した と言う。阿部氏は、株式会社風と土との代表取締役として 海士町の人材育成や地域づくりの事業で行政や地域の方々 と密接に連携しながら活動している。「今小さな島で総力 戦を行っている」と熱意を示した。

海士町はテクノロジーとソーシャルイノベーションを組 み合わせることで、離島の条件を強みに変えることに取り 組んできた。食品の味を保つ「CAS」冷凍技術の導入により、 海士町の水産業者が高品質な食品を都会に出荷することが 容易になり、東京と札幌にあるレストランでは海士町から 直送された食材を中心としたメニューが提供されている。

また、西粟倉村と同様に、海士町でも比較的早い段階で 高速インターネットが導入され、行政や起業家たちはこの 技術を駆使して島外との関係性を築いている。阿部氏の株 式会社風と土とは最近、出版事業も初めたという。「離島 でも出版社が作れる。海十町のPRをする本ではなく、出版 実業を通して社会をアップデートする新しい知恵を地域か ら生み出すことができる」と普遍的な価値の創出の可能性 を阿部氏が指摘する。

物流や通信技術の進化により、過疎地域が外の世界と簡 単に繋がることが可能になったが、技術の力だけでは特に 海士町のような離島が直面している人口減少の課題を解決 することはできない。1950年に約7,000人だった海士町の 人口は、2015年には約2,300人にまで減少した。同時期に 年間出生数は約200人からわずか8人にまで減少し、高齢 化率は41%に達した。10年数前には、生徒数の減少に伴 い、海士町の唯一の高校がなくなる危機に瀕していたと阿 部氏は説明する。「中学校を卒業してみんなが出ていく。 仕送りが大変で、下手したら家族ごと出ていく。高校もな い島に家族連れの移住者がやってこない。高校がなくなる ことは島が無人島へ一直線に繋がりかねない」。廃校の危 機は高校を魅力化し、島外からも生徒を呼ぶことで地域を 活性化するきっかけとなった。「島丸ごとがキャンパスで、 島民全員が先生で、島の課題が最高の教材だということを 謳って「島留学」を始めた結果、今生徒数は約90人から 180人にまで回復した」とその成果を話した。

地域の課題解決の方法は地方移住や起業に限らない。日 本の里山の思想を受け継ぎながら事業を見直す企業もある。 Satoyama部門のトークセッションに参加した扉ホール ディングス株式会社の齋藤忠政氏とMeets Takegamiを展 開する中越パルプ工業株式会社の西村修氏は、それぞれの 企業が持続可能性と地域への貢献を軸に新たな事業に踏み 出した経緯について話した。

長野県松本市に本社を置く扉ホールディングスは、 1931年の扉温泉明神館の創業から90年の歴史を誇り、現 在8つの飲食店と宿泊施設を運営、170人以上の従業員を 擁している。代表取締役の齊藤氏のリーダーシップのもと、 過去20年以上にわたり、里山の理念に根ざしたサステナビ リティとウェルネスに焦点を当てたブランディングとビジ ネス戦略を展開している。2003年以降、環境に優しい建 材の採用や食品廃棄物の堆肥化の取り組みなどから初め、 エコロジーと健康への配慮をホテル事業に取り入れてきた と齊藤氏は説明する。2009年には、扉温泉明神館が、デン マークの国際エコラベル「グリーンキー」に日本のホテル として初めて認証され、またマクロビオティックの観点か ら、レストランで使用する信州の伝統的な食材の特徴につ いても発信しているという。

こうしておおよそ20年前より地域や事業の持続可能性 と健康をテーマに力を入れてきたが、事業を展開する地域 に貢献していく必要があると感じ、2019年には古民家再 生の事業部門を立ち上げ、すでに二つのプロジェクトが完 成していると齊藤氏は説明する。そのうち2021年にオー プンした「Satovama villa 本陣」は、かつて松本城の殿様 が参勤交代で使用した屋敷を再建した、築108年の大きな 古民家を再生した宿泊施設だ。この建物の歴史・学術的な 価値が評価され、国の登録有形文化財に登録された。また、 2019年に開業した「Satoyama villa DEN」は、オーガ ニック農園や水田を併設し、豊かな里山の風景に囲まれて いる。隣地で米作りに取り組んだり、来春には障害者の就 労支援施設を開所し、イチゴやハーブを栽培する施設を作 るなど、地域に貢献する拠点となっている。

扉ホールディングスの今後のビジネスの発展には、持続 可能な地域や農業の活性化が欠かせないと齊藤氏は話す。 「私たちは地元の食材などを頂戴し、加工して付加価値をつ けてお客様に提供していくのが (ビジネスの) 大前提です。 様々な農家の方々と関わりを持っているのですが、農業 後継者がいなくなれば10年後に農家が現在の10分の1に なってしまうと危惧しています。この課題に向き合うため 自分たちができることから、まずやってみよう」と取り組 みに熱意を見せている。農業生産者さんや長野県・松本市 の農政課との協力し、松本市の小学校で食育活動に取り組 むなど、これからの農業や食のあり方に真剣に向き合って いる姿が様々な活動に現れている。

中越パルプ工業株式会社の西村修氏はMeets Takegami が地域に果たす役割や、竹紙の生産に挑戦する大企業なら ではの取り組みを紹介した。中越パルプ工業は、本社のあ る富山県のほか、鹿児島県にも製紙工場を持っている。西 村氏によれば、鹿児島県には全国の竹林面積の約1割を占 める竹が生育している。

かつての里山では、住民が竹を刈って盆や籠、土壁の下 地などのさまざまな用途に使っていた。

しかし、今では多くの地域で竹林の管理が行き届かず、 竹が生い茂り、隣接の森林や農地を侵食しているのが現実 だ。そこで1998年、中越パルプ工業は、地域の課題解決 に貢献するため、地元の住民の力を借りながら鹿児島県の 工場で竹から少量の紙を作る実験を始めた。原紙の生産は 針葉樹や広葉樹のパルプを使うことが一般的だが、森林保 全の視点からパルプを使う紙の生産は課題となっている 地元の竹を使って紙を作ることは、竹林に隣接する森林や 農地の保全、生物多様性の促進、地域経済の活性化、未利 用資源の有効活用など、さまざまなメリットがある。当時 の社長の、環境に貢献したいという熱意に後押しされ、当 初は年間7000トンだった竹紙の生産量が、2011年には2 万トンにまで拡大された。「これは、日本の竹の消費量の 半分に相当するのではないか」と西村は推測する。

ビジネスの観点から見れば、竹紙の原紙はまだ通常の 紙より価格が高価で、「売れても必ずしも良い商品に使わ れるとは限らなかった」と西村氏は話す。そこで、Meets Takegamiの取り組みを始めたと言う。かわいい自然のモ チーフでデザインされたノートやパッケージ、折り紙、イ ベント商品などをデパートなどで展示することで竹紙の魅 力を伝える試みだ。「売りたいが為にやっているのではな くて、伝えたいが為にやっている」と西村は語り、今後も 竹紙の可能性を模索し続ける姿勢を見せる。

今回のトークセッションに登場した4人の受賞者は、そ れぞれ異なる地域や業界で、日本の里山にある資源、そし てそこに住む人たちの技術、経験、そして想いをいかすこ とによってサステナビリティを実現する可能性を体現して いる。全国の地域がサステナビリティの課題に取り組む中 で重要なヒントを与えるはずだ。

## 🖏 Sustainable Japan Satoyama Special Award

#### Meets Takegami (Chuetsu Pulp & Paper Co. Ltd..)

Founded in 1947, Chuetsu Pulp & Paper is a comprehensive pulp and paper manufacturer that produces and sells all types of paper, aiming to contribute to the creation of a sustainable society through its paper products and cellulose nanofibers.

中越パルプ工業は1947年創業、あらゆる紙を製造 販売する総合紙パルプメーカーです。

紙やセルロースナノファイバーで、持続可能な社会 を目指します。



#### → Continued from page 1

by the company was achieved successfully. We invested ¥10 billion [\$90 million] and spent 10 years to develop this bio-jet fuel," Izumo said, showing his enthusiasm over making contributes to reduction of carbon dioxide emissions bio-jet fuel a country that is not an oil producer.

In recent years, Euglena established a consortium with multiple companies and organizations to conduct joint research and development of biomass plastics using a kind of polysaccharide called paramylon, a unique component of Euglena. The company also launched a research farm in Saga City named Sustainable Tech Farm to utilize

Sustainability First (サステナビリティ・ファース ト)というフィロソフィーにもとづく。

「今年6月、100億円を投じて開発に10年をかけた バイオジェット燃料による初フライトが成功しまし た」と出雲氏。非産油国の日本で、二酸化炭素の排出 量削減に貢献するバイオジェット燃料を作ることにか ける熱意を示した。

近年は、ユーグレナの特有成分を利用したバイオマ

fertilizer made of Euglena to achieve circular agriculture.

Euglena is also keen to reflect the ideas and thoughts of the younger generation to realize a better future. It is the first listed company to create the post of CFO (chief future officer), offered to a youth age 18 or younger. The CFO takes the initiative in making positive changes for the future of the company and society.

Euglena is also making efforts in procuring funds on the global stage. "We undertook stock issuing and public stock offering to foreign institutional investors for the first time this year," Izumo said, but noted that they were faced with the hard fact that

スプラスチックの研究開発を進めるコンソーシアムの 設立や、サステナブルテック・ファームと呼ばれる循 環型農業を目指す研究用農園の立ち上げも行っている。 また、上場企業として初めて、18歳以下の若者を CFO(Chief Future Officer)に任命し、未来を担う世

代の意見を会社や社会に反映させる取り組みも行う。 資金調達の面では、「今年初めて海外の機関投資家 向けの株式発行による公募増資を行いました」と述べ Euglena was as vet little-known. Still, it has now been more than two years since algae grown by the company became the first algae to receive certificates from the Marine Stewardship Council and the Aquaculture Stewardship Council, two major international organizations that certify aquatic products caught or grown in sustainable ways, after the company persuaded them to establish algae categories.

"When I explain this to foreign investors, they are impressed and say they want to support us. I really felt the importance of showcasing Japan's startups and technologies. As a startup, I feel encouraged by the prize and the recognition," Izumo said.

た出雲氏だが、自社の国際的認知度が足りていない現 実に直面したとも言う。

持続可能な方法で漁獲または養殖された海産物を認 証する国際的機関、MSCとASCによる認証には、海 藻の部門がなかった。ユーグレナ社の働きかけにより あらたに設置されたこの部門における初めての認証を、 同社が培養する藻類であるユーグレナやクロレラが取 得したのは2年前のことだが、この事実も世界では知



#### Euglena Co. Ltd.

Euglena is a biotechnology company engaged in health care, biofuels and social business.

られていないという。「日本のスタートアップ、技術 を発信することの重要性を実感する中での受賞に励ま されています」と出雲氏は語った。

#### ユーグレナ株式会社

持続可能な社会・地球をめざし事業展開する株式会社 ユーグレナは、ヘルスケアやバイオ燃料、ソーシャルビ ジネスを展開しているバイオテクノロジー企業です。



Sustainable Japan Excellence Award

Hideki Aoki NISHIAWAKURA VILLAGE

Nishiawakura Mayor Hideki Aoki appeared via video message to accept the Excellence Award at the Sustainable Japan Awards 2021, held by The Japan Times on Sept. 29. Aoki expressed gratitude that his small village of just over 1,400 people deep in the mountains of northern Okavama Prefecture was recognized for its leading initiatives in the fields of sustainable forestry and community revitalization.

"Local areas face ongoing depopulation, which is diminishing the value and diversity of local resources," Aoki said, suggesting that

岡山県の山間部に位置する人口1,400人あまりの西 粟倉村。村の青木秀樹村長は、9月28日にジャパン タイムズ主催の「サステナブル・ジャパン・アワー ド2021」表彰式にビデオメッセージで登場した。 SDGs未来都市にも選定された西粟倉村は、近年多く の移住者を迎え、林業などで環境に配慮した先駆的な 取り組みを打ち出していることで全国から注目が集

## Nishiawakura receives Excellence Award for village's forestry and revitalization efforts

the wisdom of local people is key to unlocking the value of ordinary things in places like Nishiawakura.

Rural areas today face a range of exis-

tential challenges - foremost how to maintain stable populations and how to build sustainable industries in sync with nature.

"Our small village lacks many things. How can we overcome those limitations and achieve our catchphrase of 'Enjoy living'? Today, we are welcoming young people with a range of ideas as we move into the future," Aoki said.

「小さな村には足りないものがたくさんあります。 それをどう克服するか、そしてキャッチフレーズであ る"生きるを楽しむ"をどう実現するか、村は今多彩な 考えを持つ若者たちを受け入れながら、そんな将来 に向かっています」と青木氏は話す。西粟倉村では、 現在移住者の割合が人口の15パーセント近くを占め、

In recent years, Nishiawakura has attracted a large number of migrants, who now make up close to 15% of the population. This influx has led to a range of new businesses and social initiatives in the commu-

Nishiawakura, which is more than 95% forested, has also set itself apart with the establishment in 2009 of its "100-year vision" for a sustainable forest. Forestry practices in Japan during the 20th century caused many forests to lose their biodiversity and value. This forward-thinking initiative has spawned numerous new forestry-related businesses focused on sustainability. "Our 100-year forest vision is slowly restoring the forest, and a new village is being born," Aoki said.

地域を活気づけるとともに様々な新しいビジネスや社 会的な取り組みを生み出している。また、村は持続可 能な林業と多様な生態系の維持を目的とする「百年の 森林構想」を2009年より進めており、地域に暮らす 住民、移住者、行政が密接に協力しながら様々な可能 性を切り開いている。「一時は失われてしまったか に思えた森林の力や多様性を、「百年の森林構想」に



#### Nishiawakura village

Nishiawakura is a mountain village in Okayama Prefecture with a population of 1,400 surrounded by beautiful forests and clear streams. In 2019, Japan for Sustainability selected it as an environmental, social and economic FutureCity.

よって少しずつ復活させながら、新しい村の創造が始 まっています」と青木は言う。

西粟倉村は、美しい森林と河に囲まれ清流が流れる、 岡山県の山間部に位置する人口 1,400 人の山村です。 2019年には「SDGs 未来都市」に選定されました。

## Passion of award winners taking the seemingly impossible to the world

Naonori Kimura INDUSTRIAL GROWTH PLATFORM INC. (IGPI), MANAGING DIRECTOR

At the end of the Sustainable Japan Awards 2021 event, Naonori Kimura, partner and managing director at Industrial Growth Platform Inc. and adviser to the Sustainable Japan Network, made concluding remarks and shared inspirations he gained from the panel sessions.

Pointing out that many companies in Japan still think of ESG as a theme to be handled by the department of investor relations.

Sustainable Japan Award 2021 授賞式を締 めくくり、経営共創基盤共同経営者 マネージング ESG を IR の担当分野と捉えるのではなく、経 組み合わせて新しい価値を生み出す試みを」と述 との重要性を指摘し、「里山におけるイノベーショ ディレクターで Sustainable Japan Network ア 営上の大きなリスクであり、機会でもあると捉え べた。

Kimura stressed that corporate leaders should consider ESG as both a major risk and an opportunity in management.

"Companies need to make aggressive ESG efforts to differ-

entiate themselves from their competitors and seek ways to combine ESG factors with technologies and existing assets to create new values," he said.

With respect to the revitalization of local economies in rural areas referred to as

ドバイザーの木村尚敬氏が総括を述べ、受賞者らの るべきだとし、「競合他社と差別化するため、攻め 地方のローカル経済の活性化に関しては、アイ 可能性がある」と語った。

satoyama, Kimura explained that bringing ideas and knowledge together to add values to existing resources and to create something new is the key.

"Innovations and solutions that are spring ing up in satoyama areas in Japan may spread not only across the nation but also to the world," Kimura said.

He said that throughout the sessions, he had felt each prize winner's strong will and passion to achieve sustainability. "Making fuels from Euglena would have sounded bizarre 10 years ago, but the passion of Mr. Izumo, the Grand Prize winner, made it possible." Kimura said.



Winners and officials at the Sustainable Japan Awards 2021 ceremony Hiromichi Matono

の ESG への取り組みが必要。技術やアセットをデアや知識を集積して付加価値や新規性を生むこ ンやソリューションが日本のみならず世界に広がる



Michiyo Morisawa PRI Secretariat Japan Head and CDP Japan Director



Ken Shibusawa Commons Asset Management Inc. Executive Chairman and ESG Chief Executive Officer



Naonori Kimura Industrial Growth Platform Inc. (IGPI), Managing Director



Kousuke Motani The Japan Research Institute Ltd. Chief Senior Economist



Takashi Mitachi The Boston Consulting Group

Selection committee

2021

# Sustainable Japan Awards

## the japan times

SATOYAMA & ESG AWARDS

#### The Japan Times Satoyama and ESG Awards 2019

The Japan Times Satoyama and ESG consortiums hosted an inaugural awards ceremony -"The Japan Times Satoyama and ESG Awards 2019" in Tokyo Midtown to recognize the contributions from companies, organizations and individuals that have worked diligently to realize a sustainable society and have accomplished feats in their respective fields. In 2019, a total of 7 individuals and groups were selected in the Satoyama and ESG categories.

Satovama refers to rural mountains and forests tended by residents for the sake of the sustainable use of existing natural resources. A similar concept in relation to the ocean is known as satoumi. ESG stands for "Environmental, social, governance." These factors are increasingly considered essential for corporate management and activities as investors place more importance on this non-

financial information. The Japan Times Satoyama and ESG Awards were established with the aim of showcasing successful undertakings of organizations and creating opportunities for exchanges among relevant parties. In the Satoyama category, the Grand Prize

was awarded to Kenya Katayama, mayor of the Hokkaido town of Niseko, while Chika Tsubouchi, CEO of Ghibli-Sendanmaru, as well as nonprofit organization Urushi Next, received the Excellence Award. Tottori Prefecture was presented the Special Award.

The Grand Prize winner, Mayor Katayama. has worked on various initiatives to boost tourism and strengthen the agricultural sector. The judges highly praised Katayama and the town's position to retain and pass on the spirit of protecting and nurturing Niseko's grand landscape.

The judges for this category were Kosuke Motani, senior researcher at the Japan Research Institute Ltd.; Takashi Mitachi, senior adviser of Boston Consulting Group K.K.; and Kyosuke Inoue, executive producer at public broadcaster NHK.

To select the award winners, it was determined whether they "contributed to the establishment of a circulating economy in the region by utilizing the resources and assets of satoyama and satoumi." In addition, whether the "creativity" was in line with the history and current situation of the region, or if the "sustainability" aspect enabled development in the region, was also taken into consideration.

For the ESG category, the Government Pension Investment Fund (GPIF) was chosen as the Grand Prize winner, while Marui Group Co. and FP Corp. (FPCO) received the Excellence Award.

GPIF is the world's largest pension fund, led



Winners and officials at the Japan Times Satoyama and ESG Awards 2019 gather at the ceremony in Tokyo. YOSHIAKI MIURA



People cut weeds around the historical Arishima Irrigation Channel in Niseko, Hokkaido.

TOWN OF NISEKO

by President Norihiro Takahashi. It has played a key role in promoting ESG investment in Japan since 2015, and was praised by the judges for having "contributed to the improvement of sustainability and in value for the capital market," and "led the rapid expansion of ESG investment in

The judges were Michiyo Morisawa, Japan head of the Principles for Responsible Investment (PRI) and CDP (formerly the Carbon Disclosure Project); Takatoshi Kato, adviser of the Japan Center for International Finance; Ken Shibusawa, chairman of Commons Asset Management Inc.; and Naonori Kimura, partner and managing director at Industrial Growth Platform Inc.

Winners were selected based on their contribution to the dissemination and promotion of ESG thinking and the realization of a sustainable society. Furthermore, points such as "uniqueness" and "novelty" were also considered. In addition, whether information on management and the business performance was actively disclosed was also a factor included in the decision.

#### The Japan Times Satoyama and ESG Awards 2020

For The Japan Times Satoyama and ESG Awards 2020, the judges selected Obata Sake Brewery in the Satoyama category and Fuji Oil Holdings Inc. in the ESG category as the Grand Prize winners.

In its second year, the awards are given to companies, organizations and individuals who have made notable achievements in Satoyama and ESG-related activities. The awards aim to showcase the successful undertakings of those recipients in and outside of Japan. "Through these awards, we hope to introduce Japanese organizations that are not necessarily well known in the world and are trying to create a sustainable society," said Minako Suematsu, president of The Japan Times, who heads the two consor-

ESG stands for "environmental, social, governance." The three factors help to measure the sustainability and societal impact of activities, investments, a company, and organizations. The combination of the factors can help determine better ways for including sustainability in the performance of companies and institutions.

In the concept of Satoyama, in order to sustainably utilize existing natural resources, activities to create a safe and promising local community by providing new exchangeable value to the people living the local areas are further initiated.

In the Satoyama category, Obata Sake Brewery won the Grand Prize Award. Obata Sake Brewery is based on Sado Island in Niigata Prefecture and headed by Rumiko Obata. The brewery has contributed to community development by producing special sake rice and sake in its brewery for some 130 years. Since 2014, it also offers sake production lessons and workshops.

Fisherman Japan and the city of Toyooka in Hyogo Prefecture received the Excellence Award. The former for making connections between the fishery industry and consumers, for helping to brand new fishery products, and offering training programs to future fishermen. The latter for working hard to successfully revive the natural stork population while also promoting art-related events and education by setting up an art university and center. Mie Prefecture received the Special Award.

The judges for this category were Kosuke Motani, senior researcher at the Japan Research Institute Ltd. and Takashi Mitachi, senior adviser of Boston Consulting Group

This time, not only the efforts in each region, but also the transmission of informa-



Fuii Oil Holdings Inc. employees pose with local farmers in Burkina Faso in July 2018. Fuji Oil Group is conducting research on sustainable procurement of soybeans, as well as improving the health of area residents through development of soybean meat substitutes. COURTESY OF FUJI OIL HOLDINGS INC



Brewers produce sake using traditional methods at Obata Sake Brewery

tion domestically and overseas was also incorporated into the selection criteria.

In the ESG category, Fuji Oil Holdings won the top prize for its efforts in ESG management and working to eliminate child labor at cacao farms by 2030. It also uses satellite images to prevent child labor and to protect the environment.

The Excellence Award winners were Suntory Holdings Ltd. and Shizen Energy Group, Suntory promotes energy saving and the recycling of pet bottles and have received certification from the Alliance for Water Stewardship, which confirms that it has met the global benchmark for sustainable water management. While Shizen has helped local communities build renewable energy power plants and engaged in many overseas projects to generate power by natural energy. Nonprofit organization ACE was presented with the Special Award.

Michiyo Morisawa, Japan head of Principles for Responsible Investment (PRI); Takatoshi Kato, adviser of the Japan Center for International Finance; Naonori Kimura, partner and managing director at Industrial Growth Platform Inc.: and Ken Shibusawa, chairman of Commons Asset Management Inc., selected the ESG awards winners.





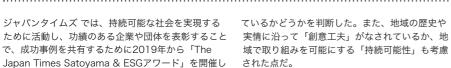












2019年は、Satoyama 部門、ESG部門で、合計7 個人・団体を選定した。

Satoyama部門では、北海道ニセコ町長の片山健也 氏が大賞を受賞し、GHIBLI 船団丸の代表取締役の坪 ド/CDP ジャパンディレクターの森澤充世氏、 内知佳氏と特別非営利活動法人ウルシネクストが優秀 賞に選ばれた。そして、鳥取県に特別賞が贈られた。

究員の藻谷浩介氏、ボストンコンサルティンググルー プのシニアアドバイザーの御立尚資氏、そして日本放 送協会のエグゼクティブ・プロデューサーの井上恭介 氏が務めた。

受賞者の選考にあたって、「里山や里海の資源、 資産を活用し、地域で循環する経済の確立に寄与」し 積極的に開示しているかも判断材料となった。

ているかどうかを判断した。また、地域の歴史や 域で取り組みを可能にする「持続可能性」も考慮 された点だ。

ESG 部門では、年金積立金管理運用独立行政 法人(GPIF)が大賞に選ばれ、丸井グループとエ フピコが優秀賞を受賞した。

審査員は、責任投資原則 (PRI) ジャパンヘッ 国際金融情報センター顧問の加藤隆俊氏、コモン ズ投信会長の渋澤健氏、そして経営共創基盤パー この部門の審査員は、日本総合研究所調査部主席研 トナー取締役マネージングディレクターの木村尚 敬氏が務めた。

> 受賞者は、ESG の考え方の普及、促進と持続可 能な社会の実現に寄与しているかという基準で選 考された。さらに、「独自性」や「新規性」とい った点も判断された。他に、経営や業績の情報を

















「The Japan Times Satoyama & ESG アワード 2020」は Satoyama 部門大賞に尾畑酒造、ESG 主席研究員の藻谷浩介氏と、ボストンコンサル 部門大賞に不二製油グループ本社を選出した。

2年目を迎えた同賞は、里山および ESG 分野で 顕著な功績をあげた企業・団体・個人を表彰し、成 功事例を国内外に発信することを目的とする。

ESG は「Environmental (環境)」「Social (社 会)」「Governance (企業統治)」の頭文字を並べ た用語で、非財務情報を重視する投資家が増えるな か、企業の経営や活動に不可欠な要素としてますま す重要視されるようになってきている。

「Satoyama」では、既存の自然資源を持続的に活 用するために、地域で暮らす人々の手によって新た に交換可能な価値を与え、安心で将来性のある地域 社会をつくる活動がさらに活発化されてきた。

Satoyama 部門では、フィッシャーマンジャパン と兵庫県豊岡市が優秀賞、三重県が特別賞を受賞 兼マネージングディレクターの木村尚敬氏、コ

この部門の審査員は、日本総合研究所・調査部 ティンググループ・シニアアドバイザーの御立 尚資氏が務めた。

今回は各地での取り組みはもちろん、国内外に 向けての発信も選考基準に取り入れた。

ESG 部門では、ESG 経営への取り組みと、 2030年までにカカオ農園での児童労働をゼロに する活動に対し、不二製油グループ本社が大賞を

優秀賞には、サントリーホールディングスと 自然電力グループが選ばれた。特別賞は特定非 営利団体 ACE が受賞した。

ESG 部門の審査員は、PRI 事務局・ジャパ ンヘッドの森澤充世氏、国際金融情報センター・ 顧問の加藤隆俊氏、経営共創基盤・共同経営者 モンズ投信・会長の渋澤健氏が務めた。

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