International Seminar
Sharing F-DRR approaches and techniques wth developing countries:
Experiences, realities and opportunities of private sectors

SDG Business Support Projects for small and medium enterprises by Japan International Cooperation Agency

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Feb. 1, 2023

https://www.jica.go.jp/priv_partner/activities/index.htm

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3. Examples

4. Application and screening schedule etc.

1. Background and Concept

JICA assists and supports developing countries as the executing agency of Japanese Official Development Assistance (ODA).

In accordance with its vision of “Leading the world with trust”, JICA supports the resolution of issues of developing countries by using the most suitable tools of various assistance methods and a combined regional-, country- and issue-oriented approach.

【Human Security】

Aiming for a society where all people can protect themselves from various threats and live their daily lives in security and with dignity.

People

A society where all can live healthy, safe lives

- Education
- Health
- Social Security

Peace

A peaceful, just society without fear or violence

- State-Building to Prevent the Outbreak and Recurrence of Conflicts
- Governance Support
- Gender Equality and the Empowerment of Women and Girls

【Quality Growth】

Promoting sustainable growth with less disparity and without harming the environment.

Prosperity

A prosperous, sustainable economy at harmony with nature and prepared for promoting social development

- Agricultural and Rural Development
- Private Sector Development
- Urban and Regional Development
- Ensure Access to Affordable and Clean Energy
- Development of Transport Infrastructure

Planet

Care for the Planet

- Environmental Conservation and Management
- Water Resources Management
- Disaster Risk Reduction
- Climate Change

JICA at a Glance

Overview of Operations

JICA uses an array of development assistance schemes to meet the diverse needs of developing countries around the world

Technical Cooperation

Finance and Investment Cooperation(ODA Loans)

Grants

JICA's volunteer programs

Citizen Participation

Partnership with Nikkei Communities in Latin America and the Caribbean

Emergency Disaster Relief Studies and Research

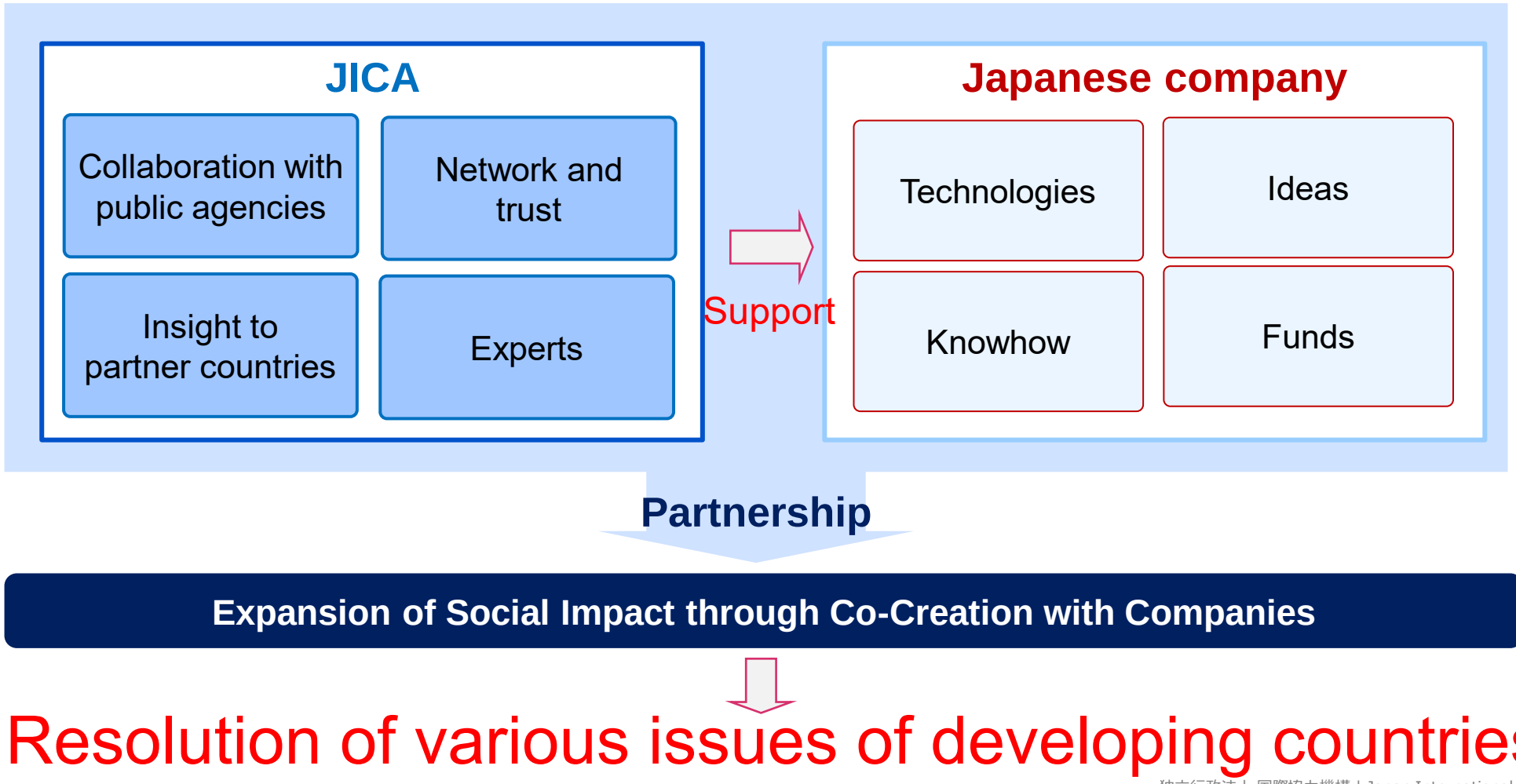
Public-Private Partnerships

But….. for what ?

JICA at a Glance

Overview of JICA's Partnership with Private Sector

JICA has increased the efforts to enhance the partnership with private companies with co-creation, rather than simply ordering the business that align with JICA's priorities and designs as conventional ODA.



Background and Concept | An example

More meteorological data is needed for implementing appropriate climate change countermeasures

Republic of Indonesia, Project Formulation Survey for dissemination of the Real-time Monitoring System using a mobile communication network

SMEs and Counterpart Organization

- Name of SME: Midori Engineering Laboratory Co., Ltd
- Location of SME: Sapporo, Hokkaido Pref., Japan
- Survey Site・Counterpart Organization: Whole country of Indonesia・BPPT (Agency for the Assessment and Application of Technology)

Concerned Development Issues

Climate Change Countermeasures

- Declared the 41% emission reduction target by 2020
  - Target 41% reduction of annual GHG emissions (26% with own efforts plus 15% with international aid)
- Mitigation measures
  - Reducing emissions mainly with prevention of Deforestation and Peat Fires
- Adaptation measures
  - Taking countermeasures focusing on Floods and Droughts

Products and Technologies of SMEs

SESAME System

- Transmit the field data to a remote server via a mobile communication network, enabling Real-time measurement
- Allow connection of a variety and a number of sensors to be used for various data measurement
- Enable the stable measurement and transmission of data even in the field with the Power Saving design
- Offer crisis management functions such as automatic warning messaging on the given conditions

Proposed ODA Projects and Expected Impact

The Project on the establishment of Real-time Telemetry System of field data related to Climate Change with the SESAME system

(Scheme: Pilot survey for disseminating SME's technologies)

- Establish a Real-time Telemetry System of field data related to Climate Change through introduction of the SESAME system
- Implement the activities for various needs of the Participating Organizations based on their own proposals
- Formulate the Indonesia-Japan Consortium for the Participating Organizations to effectively use the data
- Expected Impacts: Contributions to both mitigation and adaptation measures against Climate Change, such as prevention of Peat Fire and early warning of Floods and Droughts

Future Business Development of SMEs

- Establish the local corporation with local partnership to sell SESAME System inclusively of the assembly, installation and maintenance. Promote its localization in the future view to utilize the local parts.
- Enhance the multiplier effects with the ODA project to expand the business also with private companies

Japanese SME produces convenient monitoring system

Real-time Monitoring system of Japanese company can promote Indonesia's climate change mitigation and adaptation effort.

Background and Concept | An example

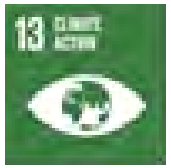
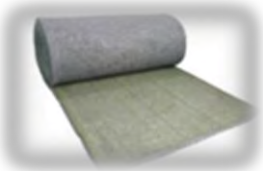
Business in Indonesia (2016)

Business in Thailand (2017)

Examples of Products and Technologies That May Help Address Developmental Challenges

Example	Area	Possible application
 CO_2 emissions monitoring system	Environment and energy	Power generation with renewable energy, composting toilets, rainfall monitoring system, dam management, etc.
 Plastic liquidation unit	Waste treatment	Organic waste treatment, urban waste landfill recovery, medical waste treatment, conversion of plastic waste into fuel, etc.
 Remotely operated excavator	Water purification and treatment	Water quality measuring equipment, water purifiers, filtering units, purification tanks, etc.
 Tools	Vocational training and industrial development	Molding, enhanced product transport, grinders, machine tools, testing and measuring instruments, etc.
 Braille embossing printer	Welfare	Wheelchairs, rehabilitation equipment, nursing equipment, braille mobile terminals, braille printers, etc.

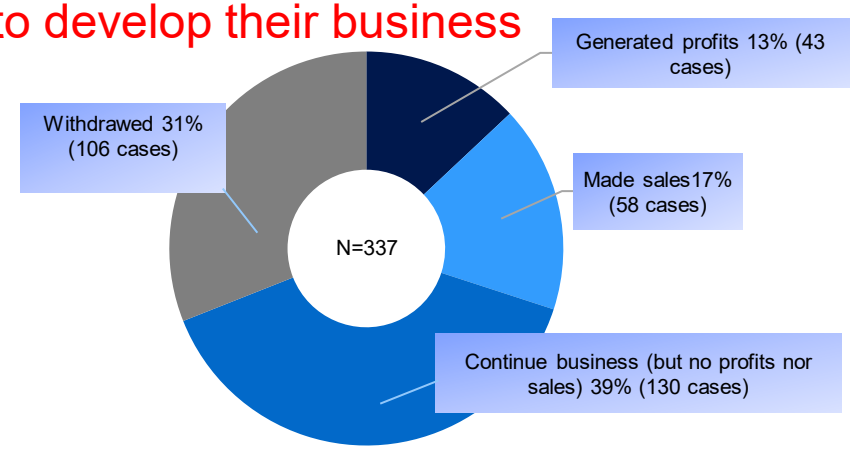
Examples of Products and Technologies That May Help Address Developmental Challenges

Example	Area	Possible application
   Milling machine for long-grain rice	Agriculture	Rice milling machines, greenhouses, irrigation pumps, harvesting and processing machines, etc.
  Total blood bilirubin measuring instrument	Health and medicine	Electronic health records, medical network systems, X-ray diagnosis units, delivery monitoring units, mobile medical devices, etc.
  Science and mathematics learning aids	Education	Voice pens, e-learning systems, science learning aids, scientific experiment kits, etc.
  Multifunctional filter sheets	Disaster preparedness and response	Alarms, provisional lighting, disaster relief equipment, etc.

Background and Concept | Achievements and challenges

Achievements to date

- In the 12 years since the start of the Program, 1,389 projects (including 1,065 small and medium-sized enterprises) have been adopted (companies in all prefectures have joined the Program).
- Memorandum of Understanding on Business Collaboration and Cooperation with a Total of 56 Regional Financial Institutions
  Concluded (as of March 2022)
- 70% of companies that have completed the survey are continuing to develop their business



Source: JICA "FY2021 Post-Mortem Monitoring Survey: Analysis Report of Questionnaire Survey Results」

Challenges for the future

- The number of proposals was 173 in the peak fiscal 2019, but due to the impact of the COVID19, the number of proposals decreased to 56 in fiscal 2021.
- Feedbacks from user companies are as follows:

✓ It takes time to conclude a contract with JICA

✓ The burden of settlement procedures is large

✓ More knowledge required for developing business

Adapting to the changes in external environment and addressing challenges above,
there is a need to improve JICA's Program

Selected results (support for SMEs throughout the country)

Chugoku Region 67 case
(e.g. Landslide Prevention in Yamaguchi)

Kinki Region
166 case
(e.g. septic tank in Shiga)

Hokkaido Region 42 case(e.g potato Harvester)

Tohoku Region 56 case(e.g Fruit processing)

Kyusyu Region 109 case
(e.g Pollution treatment in Okinawa)

Kanto Region 380 case
(e.g Underground tunneling in Tokyo)

Shikoku Region 57 case
(e.g Shipbuilding Inspection in Ehime)

Chubu Region 188 case
(e.g Tea Ingredient meter in Shizuoka)

2. Overview of the scheme

Overview of SDGs Business supporting Survey

Data collection, Early stages → Basic information gathering, Business development hypothesis formulation → Needs Verification Solution Validation → Acceptability Verification, Profitability Verification → Establishment of provision system, Operations Design/ Improvement → Start Business

New Needs Confirmation Survey

- Gather basic information and needs in developing countries
- Verify compatibility with products and services
- Develop an initial business plan
- Duration: About 8 months

Up to 10 million yen + consulting service (About 4 person-months)

SMEs and SU

SDGs Business Verification Survey

- Through verification and dissemination activities of technologies, products, and business models, develop a business plan
- Duration: About 1~3 years

Up to 100 million yen / 150 million yen / 200 million yen (Consultant-related expenses included)

SMEs and SU

Up to 50 million yen (Consultant-related expenses included)

Large company

Other support organizations

New SDGs Business Validation Survey

・After confirming the customer's acceptability of the product/service, secure local partners, formulate a business model, verify profitability, and develop operations to provide products/services.
・Develop a more sophisticated business plan
・Duration: about 1 year and 4 months

Up to 20 million yen + consulting service (About 8 person-months)

SMEs and SU

Large company

※SU
Start Up Company

※SME
Small and Medium-sized Enterprises

Overview of the scheme

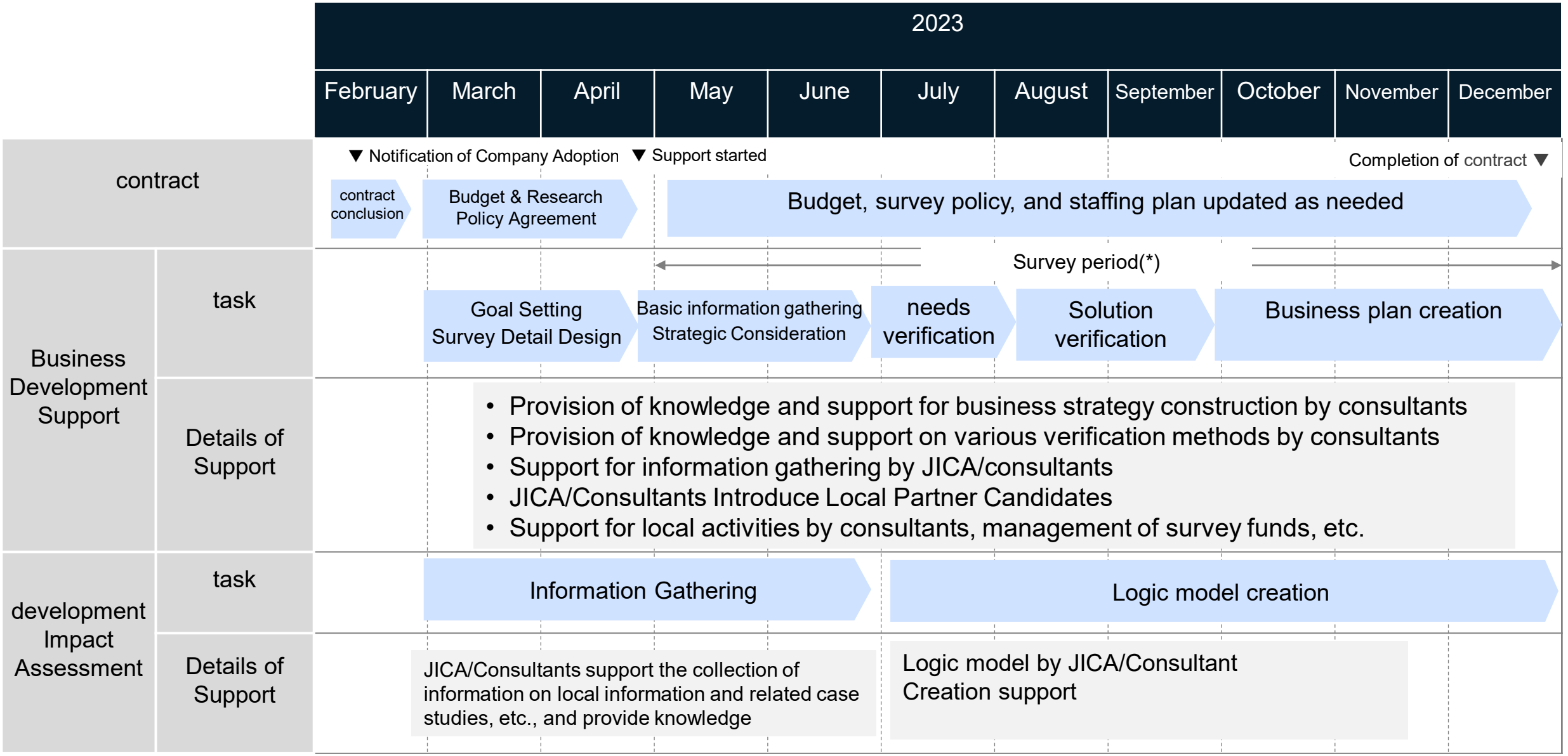
Needs Confirmation Survey

- Gather basic information and needs in developing countries
- Verify compatibility with products and services
- Develop an initial business plan
- Duration: About 8 months

Up to 10 million yen
+ consulting service (About 4 person-months)

For Start Up Company and Small and Medium-sized Enterprises

Model schedule: Needs Confirmation Survey



Overview of the scheme

SDGs Business Validation Survey

- After confirming the customer's acceptability of the product/service, secure local partners, formulate a business model, verify profitability, and develop operations to provide products/services.
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For Start Up Company, Small and Medium-sized Enterprises and Large Company

Model Schedule: SDGs Business Validation Survey

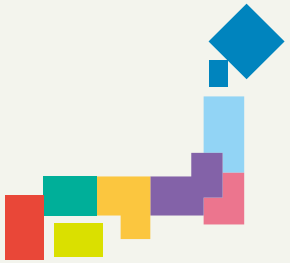
		2023										2024					
		February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June
contract		▼ Notification of Company Adoption															Completion of contract ▼	
		contract conclusion	Budget & Research Policy Agreement	▼ Support started	Budget, survey policy, and staffing plan updated as needed													
Business Development Support	task			Survey period(*)														
			Goal setting・Survey Detail Design	Basic information gathering Strategic Consideration	Solution Verification	business plan creation	Solution Verification (2)	Acceptability・Profitability Verification	Establishment of a provision system・operation	business plan renewal								
	Details of Support	• Provision of knowledge and support for business strategy construction by consultants • Provision of knowledge and support on various verification methods by consultants • Support for information gathering by JICA/consultants • JICA/Consultants Introduce Local Partner Candidates • Support for local activities by consultants, management of survey funds, etc.															
development Impact Assessment	task		Structural factors that cause social issues Analyzing Correlation				Business through Developing Countries Creation of problem-solving scenarios (logic models)						Development Impact Estimation・Designing Impact KPIs					
	Details of Support	JICA/Consultant Provision of knowledge and data collection of impact estimation methods					Logic model by JICA/Consultant Creation support						JICA/Consultants support the collection of information on local information and related case studies, etc., and provide knowledge					

There are

96

Overseas offices

(as of July 1,2020)



14

domestic offices

(as of July 1,2020)

1,929

Staff members

(as of July 1,2020)

150

developing countries and regions that received assistance

(during fiscal year 2019)

Merits to use the scheme

1 JICA's Trust and Network Utilization

Users can conduct surveys with utilizing the trust that JICA has built up with developing countries.

- Users can access wider local partners which private companies can hardly reach.
- JICA can introduce key local partners such as central governments, local governments, industry groups, etc.

2 Professional Business Advisory

Users will get professional advisory from experienced consultants.

- Get professional advisories for commercialization in developing countries
- In support of JICA and consultants, scenario for solving problems in developing countries (Logic model) can be formulated

3 Corporate Recognition Improvement

By disseminating the results with JICA, users will have wider recognition both domestically and internationally.

- As a result of the survey, JICA helps dissemination of the realized business development and development impact creation both domestically and internationally.
- It is expected to expand domestic and overseas partners and improve corporate recognition.

Domesticaly

HOPS 北海道大学公共政策大学院

Hokkaido University Public Policy School

大学院概要 | 教育活動 | 研究活動 | 社会連携

HOME > 国際協力による海外市場への展開 > 国際協力による海外市場への展開

シンポジウム・公開イベント

シンポジウム **国際協力による海外市場への展開**

2015.12.09

日時	2015年12月9日（水）14:00~16:30（開場13:30）
場所	セントラル札幌北ビル（札幌市北区北11条西2丁目）
主催	主催：北海道大学公共政策大学院公共政策学研究センター/独立行政法人国際協力機構（JICA)北海道国際センタ 後援：経済産業省北海道経済産業局、国土交通省北海道開発局、北海道新聞社 協力：日本貿易振興機構（ジェトロ）北海道貿易情報センター、中小企業基盤整備機構北海道本部、北海道、札 外展開支援北海道会議

プログラム

【第１部】

基調講演1	「人口減少時代における地域経済戦略」小磯修二（北海道大学公共政策大学院特任教授）
基調講演2	「民間企業：新たな国際協力の担い手」松島正明（JICA北海道所長）

【第２部】
パネルディスカッション「道内中小企業による海外展開の課題と可能性」

事例紹介１	日東建設（株）久保元樹　取締役部長
事例紹介２	（株）みどり工学研究所　繋永幸久　CEO所長
事例研究３	（株）レアックス　成田昌幸　取締役企画業務本部長
討論	（コーディネーター：小磯修二特任教授、パネリスト：西本紫乃　北大公共政策大学院専任講師、事例紹介者３名

はばたけ中小企業2018　300社に選定（経産省）

株式会社みどり工学研究所

北海道札幌市

ものづくり　サービス

ポイント

防災・農作物管理・環境問題対策など、未来を見据えたテレメトリーシステムを提供

○携帯電話通信網を通じてリアルタイムでフィールドデータをユーザーに届けるシステム
○北海道大学のプロジェクトやJICA事業を活用し、インドネシア市場にチャレンジ
○部品に汎用品を使用することにより、低価格を実現し、信頼性と安定性を確保したシステム

企業基本情報

所在地	北海道札幌市中央区北５条西６丁目1-23　道通ビル802
電話/FAX	011-555-5000/011-555-3000
URL	http://www.midori-eng.com/
代表者	最高経営責任者・所長　繋永　幸久
設立	2004年
資本金	1,000万円
従業員数	7人

会社概要

同社は、農業土木コンサルタントとして設立され、公共事業の調査・設計などの業務を行っているが、インフラや自然環境の管理と防災が時代の要請であり、社会貢献になると考え、農業水利施設の維持管理のためのフィールドデータ伝送システムを開発した。以来、携帯電話網とクラウドサーバ、Web ソフトウェアなど IoT 関連の電子技術によって、河川・砂防防災管理、農業用水管理、環境調査などのシステムを設計し、主に国内外の政府機関・団体、大学・研究機関、自治体等に提供している。

本社事務所

革新的な製品開発や創造的なサービスの提供に関する取組の内容

≫リアルタイムでフィールドデータをユーザーに届けるシステム

製品（SESAME システム）は、ユーザーのニーズに合わせ各種のセンサーを主装置に接続して構成される。太陽電池駆動で、どこにでも設置できる。測定したデータを携帯電話データ通信網でサーバーに伝送、計測からリアルタイム監視までのプロセスを１つのシステムで提供する。クラウドサーバーを先駆けて導入、世界中で簡単に Web 上でデータを閲覧できる。寒冷地の河川や熱帯泥炭地などへの設置実績・ノウハウが製品に活かされており、過酷な環境における耐久性が高い。

SESAME-WEB　監視画面

≫北海道大学のプロジェクトやJICA 事業を活用

北海道大学の地球規模課題対応国際科学技術協力プログラム（SATREPS）「インドネシアの泥炭地、森林火災防止プロジェクト」に製品を提供し、泥炭地における水位・雨量データを計測・伝送。

外務省／JICA 中小企業海外展開事業（案件化調査および普及・実証事業）を活用し、インドネシアでの販売拠点（日系企業代理店、現地代理店）を構築。これにより、インドネシア民間企業への横展開の商談が多数進行中。海外販売実績は 12 件 110 台（JICA 事業による台数を含む）。

インドネシア熱帯泥炭林に製品を設置

≫低価格を実現し、信頼性と安定性を確保したシステム

製品はなるべく特殊な専用部品を使用せず、途上国においても簡単に手に入る汎用品を用い、メンテナンスの容易さを考慮している。このことにより、常に最新でかつリーゾナブルな価格を提供し、大手の製品に比べて 1/5 ~ 1/10 の価格で提供することを可能にし、かつ、製品の信頼性や安定性を確保している。国土交通省「革新的河川管理プロジェクト」第２弾、洪水時に特化した寒冷地対応の低コストな水位計（危機管理型）の現場実証の参加企業に 2017 年 12 月選定された。

インドネシアのダムに製品を設置

nternational

日本経済新聞

2018年12月5日（水）

トップ　経済・政治　ビジネス　マーケット　テクノロジー　国際・アジア　スポーツ　社会

速報　朝刊・夕刊

IBM Watsonが物流業でも活躍中　詳しくは▶

みどり工学研究所、水位監視システム拡販

2017/7/4 7:01

保存　共有　印刷　その他

土木関連の建設コンサルタント、みどり工学研究所（札幌市）はクラウド型の河川・地下水位監視システムの販売をインドネシアで拡大する。このほど日本政策金融公庫から1000万円の融資を受けたほか、国際協力機構（JICA）とも現地調査などで連携。地下水位を適切に保つことで泥炭地の大規模火災を未然に防ぐことをめざす。

インドネシアでは、外国企業による泥炭地のプランテーション（大規模農園）開発が盛ん。開墾の際は焼き畑作業を行うのが一般的だが、地下水位が地表から50センチ以上深くなると、火の勢いが弱まらず大規模火災につながり、大量の二酸化炭素（CO2）が発生することが問題となっている。

みどり工学研の監視システムは、太陽電池やカメラ、各種センサーを組み合わせて屋外の監視地点の地下水位や河川水位、水質汚染、風雨状況などのデータを集める。データはグラフ化し、パソコンやスマートフォン（スマホ）からいつでも確認できるよう「見える化」する。汎用部品を多く使い、導入する際の初期投資は50～60万円程度からと安価なのが特徴。

インドネシアでは政府系の水管理公社が約50カ所で同社のシステムを導入している。この実績をもとに、現地での販売先を広げる。泥炭地向けに1000～2000台の納入をめざす。

本経済新聞
2018年12月5日（水）
ロジー　国際・アジア　スポーツ　社会
速報　朝刊・夕刊
sonが物流業でも活躍中　詳しくは▶
テム拡販
共有　印刷　その他
（札幌市）はクラウド型の河川・地
る。このほど日本政策金融公庫から
A）とも現地調査などで連携。地下水
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向けに1000～2000台の納入をめざ

International

日本経済新聞

2018年12月5日（水）

トップ　経済・政治　ビジネス　マーケット　テクノロジー　国際・アジア　スポーツ　社会

速報　朝刊・夕刊

みどり工学研をCOP23で紹介　JICA

2017/11/9付 | 日本経済新聞　地方経済面

保存　共有　その他

国際協力機構（JICA）は11日、ドイツで開催している第23回国連気候変動枠組み条約締約国会議（COP23）のジャパンパビリオンで、農業土木コンサルタントのみどり工学研究所（札幌市）が提供する水位監視システム「SESAME（セサミ）」を紹介する。セサミはインドネシアの泥炭地火災を防ぐ装置として同国で導入…

経済新聞
2018年12月5日（水）
国際・アジア　スポーツ　社会
速報　朝刊・夕刊
保存　共有　その他
23回国連気候変動枠組み条約締
コンサルタントのみどり工学研
（セサミ）」を紹介する。セサ
導入…

Internationally

2016.3.12. SESAME が紹介された

Teknologi Pemantauan Gambut Diperluas

Gubernur Bisa Bentuk Badan Restorasi Daerah

JAKARTA, KOMPAS — Badan Restorasi Gambut, didukung Badan Pengkajian dan Penerapan Teknologi serta melibatkan Universitas Hokkaido, Jepang, menyiapkan pembangunan teknologi peringatan dini kondisi gambut di Riau. Itu akan memperkuat analisis potensi kerawanan bencana.

BRG daerah

KOMPAS JAKARTA

KOMPAS紙

インドネシア最大の日刊紙「コンパス」にSESAMEの記事が掲載された!!

TEKNOLOGI INFORMASI

Pantau Hulu, Antisipasi Banjir di Hilir

SISTEM PEMANTAU OTOMATIS TINGGI MUKA AIR

Sistem Sesame

SIMULASI BENCANA

Waspadai Tsunami Kiriman dari Pasifik

3. Examples

SDGs Business Verification Survey with the Private Sector for Erosion Control and Vegetation Mat for Slope Protection in the Philippines
Takino Filter Inc. (Kudamatsu-shi, Yamaguchi Pref.)

Development Issues Concerned in Infrastructure development and Disaster Prevention Sector

・Increased demand for technologies effective in preventing and protecting erosion of road slopes and other slopes that occur as a result of road construction and other infrastructure projects
・Increased demand for technologies to effectively prevent sediment disasters caused by frequent heavy rains and larger typhoons due to global warming
・Increased demand for stable slope revegetation technology as an alternative to conventional coconut matting and hydroseeding

Products/Technologies of the Company

・Erosion control mat (Takino Filter SP type) with erosion control function by high rainwater drainage function, mainly consisting of non-woven fabric (web) with extremely high porosity and flexibility made of polyester, to which seeds, fertilizers, and soil amendments are attached to add "greening function".
・Easy installation by human labor without the need for heavy machinery or plant equipment

Survey Outline

- Survey Duration：October 18, 2022～February 14, 2025
- Country/Area：All of the Philippines
- Name of Counterpart：Bureau of Research and Standards, Department of Public Works and Highways (DPWH-BRS)
- Survey Overview：This is SDGs Business Verification Survey with the Private Sector for Erosion Control and Vegetation Mat for Slope Protection concerning the technology transfer to local government agencies based on an innovative technology that can simultaneously and easily realize soil erosion prevention and planned vegetation of slopes. The project aims to obtain a Certificate of Conditional Approval to Use the Product in DPWH Projects of slope protection mats as public works materials during the project. After this project, we aim to obtain Department Order (DO), expand nationwide sales of the product and thereby contribute to the reduction of sediment disaster risks occurred in slopes of the Philippines.


Takino Filter MF type

How to Approach to the Development Issues

・Business strategy in target countries: use as public works materials for road construction and other infrastructure projects based on the issuance of DO by the Department of Public Works and Highways (DPWH) and publication in the Blue Book
・Clients: DPWH's 16 Regional Offices and 183 District Engineering Offices, Department of Environment and Natural Resources, local governments, private companies, etc.
・Profit structure: Local production and distributor sales by local business partner companies

Expected Impact in the Country

・Realization of effective and efficient erosion control and greening of slopes in bare land such as road slopes occurred as a result of infrastructure development projects
・Reduction of the risk of sediment disasters caused by frequent heavy rains and larger typhoons
・Positive effects on the local economy accompanying with the increase in demand for local materials such as coco peat and other local materials and employment

As of October, 2022

Indonesia

Feasibility Survey for the introduction of the initial fire extinguishing technology on forest fire suppression.

SMEs and Counterpart Organization

- Name of SME : SHABONDAMA SOAP CO., LTD.
- Location of SME : Fukuoka Pref., Japan
- Survey Site・Counterpart Organization : Palangkaraya Kalimantan Tengah・Ministry of Environment and Forestry

石けん系泡消火

Soap Based Class A Foam

Concerned Development Issues

- Insufficient stock management of the fire extinguishing agent.
- Adverse impact of the petroleum-based fire extinguishing agent on natural .

Products and Technologies of SMEs

< Key characteristics of "Soap Based Class A Foam" developed by SHABONDAMA SOAP>

- Extinguishable with less water (lower extinguishing cost)
- Significant reduction in environmental load
- Fewer burdens and risks on fire fighters
- Prevention for reignition

Proposed ODA Projects and Expected Impact

- Then, technical instruction related to the proper usage of the fire extinguishing agent in communities will also be provided for forest conservation areas such as Parangkaraya city and Kubu Raya prefecture, etc.
- Prospect of business expansion:. Local manufacturing base of the foam agent is developed to establish a system for local production and distribution.
- Expected outcomes: (a) It is able to improve efficiency of fire fighting by reducing the amount of water used to counterparts. (b) It is able to extinguish the fire using soap-based fire extinguishing environmental friendly.

SDGs Business Model Formulation Survey with the Private Sector for Usage of Unutilized Forest Resources in Mongolia

SMEs and Counterpart Organization

- Name of SME : Moriya Co., Ltd. ■ Location of SME : Miyagi Pref., Japan
- Survey Site / Counterpart Organization : Ulaanbaatar, Khovsgol prefecture, Tuv prefecture, Selenge prefecture, Bulgan prefecture / Forest Policy Coordination Bureau, Ministry of Environment and Tourism, Khovsgol prefecture

Concerned Development Issues

In Mongolia, the withering damage to forests has increased, and according to the statistics of the Ministry of Environment and Tourism of the Forest Policy Coordination Bureau of Mongolia, 407 million tons of dead forest trees out of 1.2 billion tons of forest material have been left uncut. It caused a forest fire and hindered reforestation.

Products and Technologies of SMEs

Wood pellets: General household products (product name Moermin, diameter 6 mm, length 15-20 mm, moisture content 8%) and biomass power plant products (diameter 8 mm, length 15-20 mm).
Charcoal: Produced and commercialized by extracting only carbon by applying heat to wood.

Proposed ODA Projects and Expected Impact

Moriya Co., Ltd. will survey legal, social and economic conditions necessary for commercialization of ODA for effective utilization of underutilized forest resources, which the Mongolian government has set as a development issue, through project survey, and it will build a cooperative relationship between counterparts in Mongolia and local companies. In addition, it will propose and support technologies and commercialization know-how that can be effectively used for unutilized forest resources in Mongolia, assuming dissemination and demonstration projects. This is expected to have the effect of building and expanding the cooperative relationship between Japan and Mongolia in this field.

Business development of Japanese SMEs

It establishes a local subsidiary in Mongolia to locally produce and sell wood pellets and charcoal to expand business. For Mongolia, it is possible to generate profits by cutting and transporting dead trees, manufacturing proposed products, hiring local workers, exporting to Japan, and selling in Mongolia. It will create a new businesses.

As of August, 2019

4. Application and screening schedule etc.

Eligible Countries, Target Fields, and Application Schedule

■Eligible Countries

In principle, ODA target countries where JICA's overseas bases (overseas offices and branch offices) are located

■Target Fields

No special restrictions

■Application and Screening Schedule (in case of FY2022)

Preliminary consultation period(*1)

- Early August 2022 Pre-public notice (*2)
- September 15th 2022 This Public Notice
- Late September, 2022 Pre-registration deadline
- October 31, 2022 Application Deadline
- Middle of February, 2023 Notification of Screening Results
- Mid-March 2023~ Start of assictance (*3)

■(*1) We strongly recommend applying companies to consult with JICA domestic offices about the planned details of your application before the start of this public notice.

■An advance announcement will be made on the JICA website regarding the public notice.

■The same application and screening schedule above is applied with SDGs business verification survey as well, while it may take longer time to start the survey of this scheme after contract negotiations and the relevant coordination including minutes conclusion with partner countries (if necessary).

Thank you

https://www.jica.go.jp/priv_partner/activities/index.htm