

対象国の医療保健分野における開発ニーズ(課題)

- 農村部の妊産婦・乳幼児はマラリア感染のリスクが高い一方、近くに医療施設がない、医療施設に行く手段がないなどの理由で医療サービスへのアクセスが困難
- 上記の結果、妊産婦・乳幼児の死亡率が高い

提案製品・技術

ハニカム段ボール製組立・移動型医療室「パネル組立型ER」

- 軽量かつ工具不要で簡便に組立可
- 防蚊や抗菌・抗ウィルスなどの機能を持つラミネート加工済み
- 耐熱・耐水性が高く、熱帯気候下での使用も可能

案件概要

- 契約期間: 2024年8月～2025年3月
- 対象国・地域: ザンビア国ルサカ州、中央州
- 案件概要: 高強度段ボール(ハニカム段ボール)を素材としたパネル組立型ERのニーズ調査を実施する。安価で搬入や組み立て分解が簡易な感染症対策に配慮した治療施設の導入により、僻地での医療水準の向上を目指す



パネル組立型ER

開発ニーズ(課題)へのアプローチ方法(ビジネスモデル)

- 想定顧客はザンビア政府機関及び国際NGO、NPO団体。ザンビア国内に代理店を設け、提案法人から代理店に対して「パネル組立型ER」を販売し、製品代金を回収する
- 代理店は製品の保管、運用、アフターサービスまで一元的に担当し、農村地域の要求に応じて「パネル組立型ER」を搬送・設置する。移動型の治療室として使用する事で農村部の妊産婦・乳幼児に受診機会を提供する

対象国に対し見込まれる成果(開発効果)

- 医療サービスを行うNGO・NPO等と連携し、提案製品を活用した移動出張型の医療設備を提供することによって妊産婦、乳幼児の受診機会を増やし、早期および適切な医療が実施されることで保健指標の改善を図る
- 将来的な現地生産を目標とし代理店にその機能を持たせ、現地雇用・経済の活性化にも貢献する

Development Issues Concerned in the Health Sector

- While expectant mothers and infants in rural areas are exposed to high risk of malaria infection, access to medical services is limited due to the lack of medical facilities and the lack of transportation to medical facilities.
- As a result, maternal and infant mortality rates are high.

Products/Technologies of the Company

- “Panel Assembly Type ER,” an assembled and mobile medical room made of honeycomb cardboard
- Lightweight, tool-free and easy assembly
 - Laminated with anti-mosquito, anti-bacterial, anti-viral and other functions.
 - Highly resistant to heat and water and can be used in tropical climates.

Survey Outline

- Survey Duration : August 2024 – March 2025
- Country/Region: Lusaka and Central provinces, Zambia
- Survey Overview : Conduct a needs survey for the assembled and mobile ER made of high-strength cardboard (honeycomb cardboard). This survey aims to improve the level of medical care in remote areas by introducing medical facilities that are inexpensive, easy to transport and assemble/disassemble.



Panel Assembly Type ER

How to Approach to the Development Issues

- The target customers are Zambian government agencies and international NGOs/NPOs. The proposing company will partner with a Zambian distributor to sell the 'Panel Assembly Type ER' to the distributor and collect payment.
- The distributor will be centrally responsible for product storage, operation and after-sales service, and will transport and install the 'panel assembly ER' according to the requirements of the rural areas. Provide opportunities for pregnant and lactating women and infants in rural areas to be examined by using it as a mobile treatment room.

Expected Impact in the Country

- By collaborating with NGOs and NPOs that provide medical services, we will offer mobile medical facilities using the proposed product. This will increase opportunities for pregnant women and infants to receive medical examinations, leading to early and appropriate medical treatment, thereby improving health indicators.
- The proposed company will aim to produce locally for local consumption in the future, and by making the sales company function in this way, it will contribute to local employment and the revitalisation of the local economy.