

Day2

Title : 4. Public Private Partnership on Waste Management in Japan

"Porous Alpha" Japanese Glass Recycling Technology

(4) A Japanese Technology for Improvement of Solid Waste Management in Africa

Speaker :

Mr. Naoyuki Kano, Tottori Resource Recycling Morocco

Summary

Our company is located in Tottori Prefecture and was established in 2001. We employ 6 Japanese and 2 Moroccan staffs. One of our main activities is glass recycling. We receive glass waste collected by local municipalities and manufacturing foamed glass named "Porous Alfa". This can be used for deodorization, soil improvement, wild weed control, security gravel and water purification.

We would like to apply Porous Alpha into the field of agriculture in Africa because it realizes 50% water and fertilizer saving and yield increase. Its utilization is simple. You just put it into the soil before mulching. Public organizations in Japan support our idea. For example, JETRO introduces local company and a lawyer, and provides knowledge on local regulations. JICA has also supported us for conducting feasibility survey in Morocco.

The business framework in Morocco, we aim to produce Porous Alfa from collected glass and selling to end-users by private companies. We understand that the followings are necessary through this survey; 1) VAT reduction, 2) initial cost for plant installation and 3) operation partner.

<Q&A>

Regarding searching partners in Africa, the companies should be able to find partners in Niger, which is a country with primarily 80% agriculture-based, thus plenty of resources are available related to the technologies presented during the session.

It was suggested by the moderator that, for the answers to the questions, one-on-one meeting could be held during the coffee break since the questions were quite specific.