

A STUDY ON RESTRUCTUREING OF FISHERIES PRODUCTS RECYCLING SYSTEM

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1. IMPORTANCE AND THE PRESENT CONDITIONS OF RECYCLING FISHERY WASTE

Domestic fishmeal industry recycles fishery waste by using it as raw materials for fishmeal. Recycling fishery waste has social significances such as a effective utilization of fisheries products, a maintenance of public sanitation, a formation of a feed base, and so on. Furubayashi (1996) pointed it out so for the first time, but the actual situation of discharge and the use of fishery waste on a domestic scale is not almost clarified till now. However, it is estimated that much useful resource, fishery waste is left on the distribution of fisheries products. Therefore, in this paper, I will analyze the situation of discharge and the use of fishery waste in the country, and consider problems and its directionality for the further use of it.

2. THE SITUATION OF DISCHARGE AND THE USE OF FISHERY WASTE

As a result of having estimated about the situation of discharge and the use of fishery waste, it can be said that approximately a quarter is recycled and approximately three-fourths of the remainder is not utilized among the fishery waste which discharged in the country in 2004. And it has considered that fishery waste from distribution, among two kinds that recycling can intend for (fishery waste from processing / distribution), is unused mainly because its utility value is relatively lower. Therefore, for further using unused fishery waste in the country, we should think about recycling promotion of fishery waste from distribution.

3. NECESSARY MATTERS FOR UTILIZING OF FISHERY WASTE FROM DISTRIBUTION

From the inside to see two examples recycling fishery waste from distribution, it is suggested that a large scale and collection processing can be one measure for coexistence of recycling promotion and business efficiency. For it, first of all, it is necessary to secure quantity and quality of raw materials. And for it, it is necessary to promote efficiency of collection duties or raw materials management from discharge through collection. Then it becomes necessary for each actor, being engaged in discharge/collection/processing, to play its part with each responsibility. However, it is difficult to perform negotiations of that purpose between the each actors because an on-site interest is apt to come to the front. Therefore, it is thought that existence of a coordinator, coordinating relations from a neutral viewpoint, achieves a big role in such negotiations and distribution of responsibility.

4. A REQUEST TO "RECYCLING SYSTEM" CONSTRUCTION

Among the necessary matters for utilizing of fishery waste from distribution, it is most important to unify each actors taking different roles and construct them as one "recycling system." The recycling fishery waste, that has been performed conventionally, has been performed by a rational economic action as a result, not intentionally. However, in the system, cooperation of each actors can be reflected as merit for each actors finally. It is necessary to have each actors recognize it and distribute responsibilities for each actors to have them to play their roles. It is most important issue, by doing so, to rebuild to "a recycling system" from conventional form just built as a result of economic actions.