**SPC/IFREMER Seminar on Fish Waste Utilization
11 June 2012, Noumea**

**INFORMATION GATHERING TO PREPARE YOUR PARTICIPATION TO THIS SEMINAR**

*Foreword: in order to prepare for the seminar, and notably the afternoon working groups, we would be grateful if participants could gather some information about their country’s situation in relation to wastes generated from fish processing, and the current and/or possible use of those fish waste. It is not expected that a special study will be done for that purpose, but the aim is to draw a preliminary snapshot of the situation. Moreover, our intent is to begin identifying the knowledge existing, lacking or difficult to grasp, and the needs for further investigation. We thank you very much for filling this questionnaire and returning it to SPC (**michelbl@spc.int**).*

**Name of your country/territory:**

**Your name and function:**

**1/ General information about your fish processing industry**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of process** | **Yes/No** | **Average yearly production** (in mt) if available, or estimation of industry size: Small, Medium, Large) | **Main location in your country** |
| Cannery : tuna, other fish |  |  |  |
| Tuna loining |  |  |  |
| Whole tuna (gilled & gutted) exports |  |  |  |
| Reef fish filleting and other fish cutting |  |  |  |
| Curing (smoking, salting, marinating)  |  |  |  |
| Preparing fish balls, cakes, sausages |  |  |  |
| Preparing fish dishes |  |  |  |
| Others: |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**2/ Information about fish waste and their present utilization**

If you have information (even if not accurate) about the present production of fish waste and their utilization in your country, could you please answer the following questions:

* Origins (process type e.g. cannery, loining plant, artisanal fishery, etc) and volumes of fish waste:
* Main types (heads and frames, skins, gills and guts, saw-meat, etc) of fish waste :
* Fish waste utilizations (*fish meal, fertilizer, fish oil, animal feed ,human feed, others…)* or lack of (*disposed in landfills or at sea)*:
* Where are fish waste disposed and at what cost and quantity?:
* Fish-waste utilization ideas already tried which were not successful?  Why did they not succeed?

 **3/ Information about the local needs for fish byproducts derivatives**

In your country, are there today some sectors that could possibly use fish byproducts derivatives? And can you give an estimation of their needs?

|  |  |  |
| --- | --- | --- |
| **Sectors** | **Possible products** | **Yes/No, estimation/comments on local needs** |
| Human food | Fish cuts, Minced fish,Processed fish  |  |
| Agriculture crops | Fertilizers |  |
| Animal husbandry | Direct feeding  |  |
| Fish meal and fish oil |  |
| Pharmaceutical and cosmetics |  |  |
| Other: |  |  |

Would your country be interested in a research and development program focusing on fish waste utilization?

Any comments or additional information?

Many thanks for your contribution and see you soon in Noumea!