

PROCESSING OF FISH AND SUSTAINABLE USE OF BY-PRODUCTS

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ABSTRACT

The greatest part of fish distributed in the world marked is bulk products or whole or whole/gutted fish used as raw material in processing industry in different regions. A large and increasing part is also iced fish this normally gives an additional weight of 30 to 100%. Processing in the harvesting of areas and distribution of only the edible parts will, often reduce the volume with 40% to 70%. For will be especially important for regions where roads already is crowded and where restrictions on truck transport will be necessary. This will also greatly reduce energy consumption and cost for distribution. In addition, by-products and/or not edible parts of the fish may easily be collected and used for other purposes instead of being a problem for many processors without marked for offal. In harvesting areas and fresh products where also larges volumes are available by-products and offal often is a resource for production of valuable products or at least used for feed.

There are of course many reasons for today's distribution system, one of the most important is custom barrier between countries. Also the very large differences in labour cost and tax, but these factors are to a larger extent reduced by improved and new technology. Also more valuable by-products and restrictions/cost for waste makes centralized processing more economical. Examples of possibilities for improved use of total raw material will be given.