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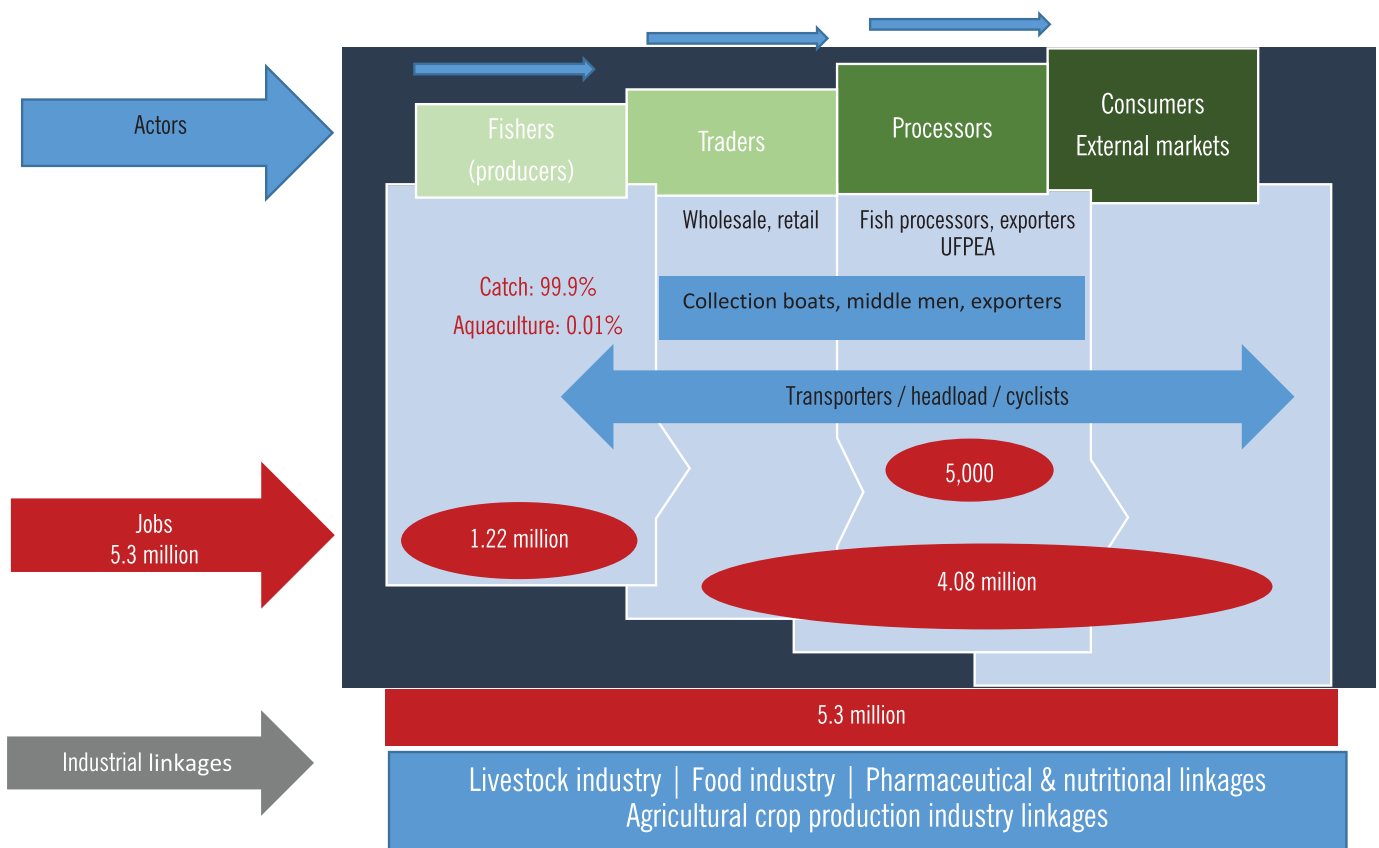
# FACT SHEET

## Industrial linkages and employment opportunities in the fish value chain

### Introduction

This factsheet is a highlight of value chain and industrial linkages in fisheries, and associated job creation opportunities. The fisheries sub-sector employs 1.7 million people directly, and over 3.5 million people indirectly. Therefore, over 5 million jobs<sup>12</sup> are created by the sub-sector (Figure 1). With enhanced production and productivity, and increased value addition, the sector could provide more employment creation opportunities.

**Table 1** Fishery value chain and associated employment



Source: Authors illustration based on MAAIF (2017), FAOSTAT, and PIMA market research (EPRC, 2020).

## Where are the jobs?

- **Most jobs are in higher notches of the value chain:** Over three-quarters of the jobs (77%) are in secondary or tertiary activities in the sub-sector, such as; fish trade, transportation, processing, and provision of other support services ( see Figure 1).
- **Women and youth are mostly engaged** at the fisher/production level and in trade along the fish value chain: There is need to explore more job creation potential for the women and youth, especially at the value addition stage of the value chain. In addition, aquaculture is an emerging and/or growing sub-sector for fish production, but it is currently employing quite a small fraction of potential fishers. Therefore it is important to find ways of engaging more fishers in aquaculture and its value chain, including women and the youth.

## Industrial linkages as opportunities for employment opportunities

Fishery has linkages with a number of other industries and if such linkages are effectively and efficiently harnessed, significant employment opportunities can be created for the population, including women and the youth. Examples of the industrial linkages with employment creation potential include<sup>3</sup>:

- **Fish - livestock industry linkages:** Linkages with animal industry for production and intake of feeds, especially in the piggery and poultry industries (pigs and chicken feeds). Growth of the livestock has been fast and steady in Uganda, and this presents opportunities to strengthen the fish – livestock industry linkage, hence higher likelihood of livestock feed demand creation.
- **Fish - food industry linkages** - In terms of processed fish as food for human consumption.
- **Pharmaceutical and nutritional linkages:** This includes use of; fish maw, omega-3 fat and fish skin healing protein (collagen) for pharmaceutical purposes, and food supplements.
- **Agricultural crop production industry linkages:** Use of fertilizer from fish products such as fish scrap.

All the linkages above are associated with employment creation potential to be tapped into.

## ENDNOTES

1. MAAIF. (2017). Performance review report, Financial Year 2016/17. Ministry of Agriculture, Animal Industry and Fisheries.
2. MAAIF. (2017). National Fisheries and Aquaculture Policy. Ministry of Agriculture, Animal Industry and Fisheries (MAAIF).
3. For details on these linkages, see "PIMA market research (EPRC 2020)

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