



CASE STUDY ANALYSIS OF WOMEN FISH VENDORS: REINFORCING THEM TOWARDS MARKET LED EXTENSION SYSTEM

Ipsita Biswas*, Suman De, M S Kundu & M L Meena

ipsita@rpcau.ac.in



KRISHI VIGYAN KENDRA, TURKI, MUZAFFAPUR-II
DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY, PUSA

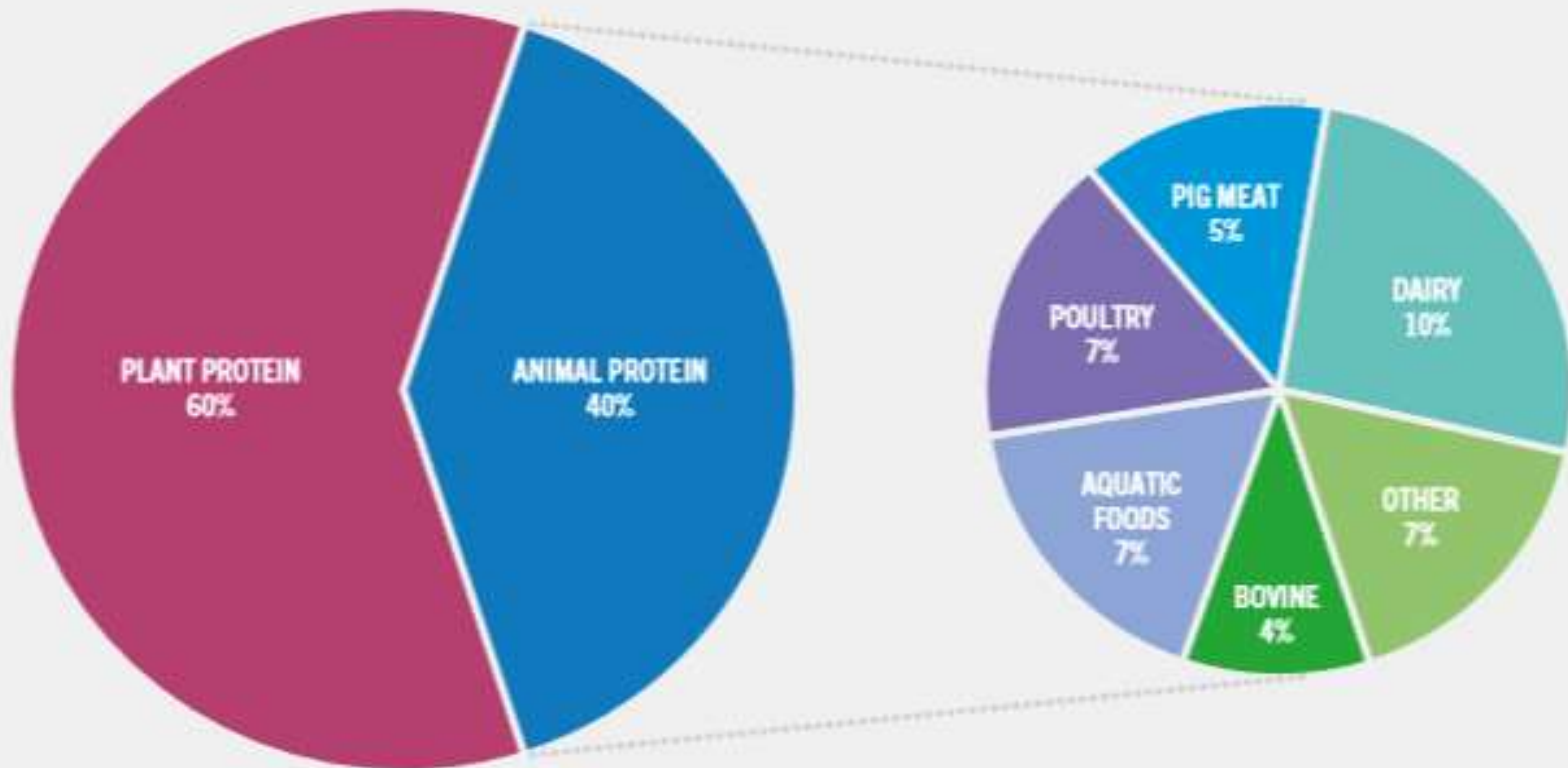


SEE THE FEED CHANGE **FUTURE**

Feed the Future Global Food Security Research Strategy



Average Daily Protein Intake Contributions



SOURCE: FAO.

Impact of fisheries and aquaculture



Besides fish having n-3 and n-6 essential fatty acids and enriched with protein, increase in the production of fish by **16.8 times since 1950-51 to 2017-18**, thus making a visible impact on the national food and nutritional security.



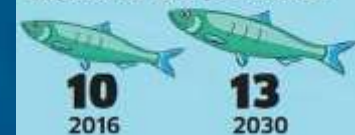
INTERNATIONAL YEAR OF
ARTISANAL FISHERIES
AND AQUACULTURE
2022

Small in scale, big in value.

#IYFA2022
#ArtisanalFisheriesAquaculture

India Exports a Tenth of its Fish Production

Exports as % of production



Growth in exports between 2016 and 2030

61%

Source: FAO

Andhra Leads in Fish Production in India

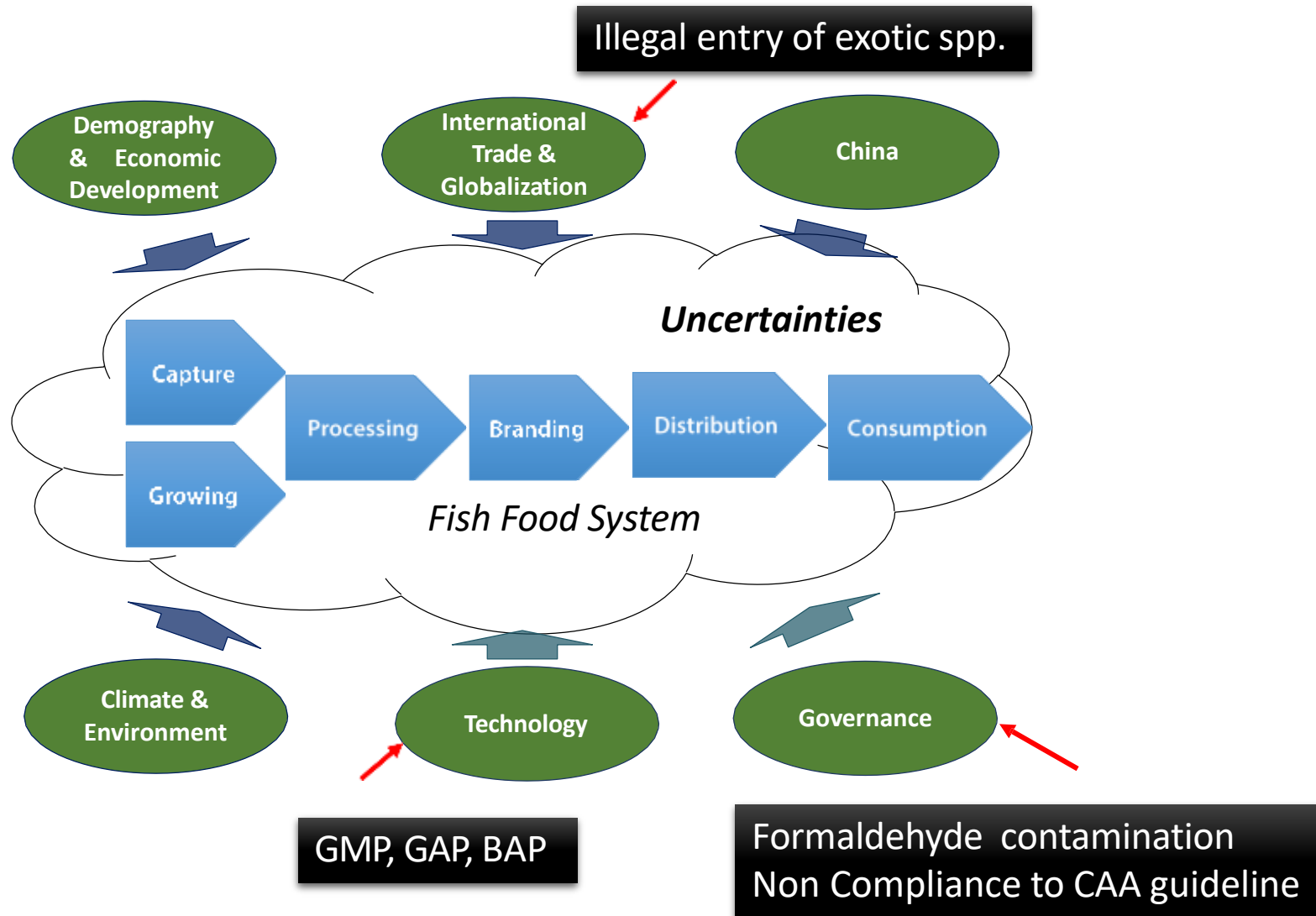
% of India's fish production in 2016-17*



Source: Department of Animal Husbandry, Dairying & Fisheries (DAHD)

*projected

DRIVERS OF THE AQUACULTURE SYSTEM



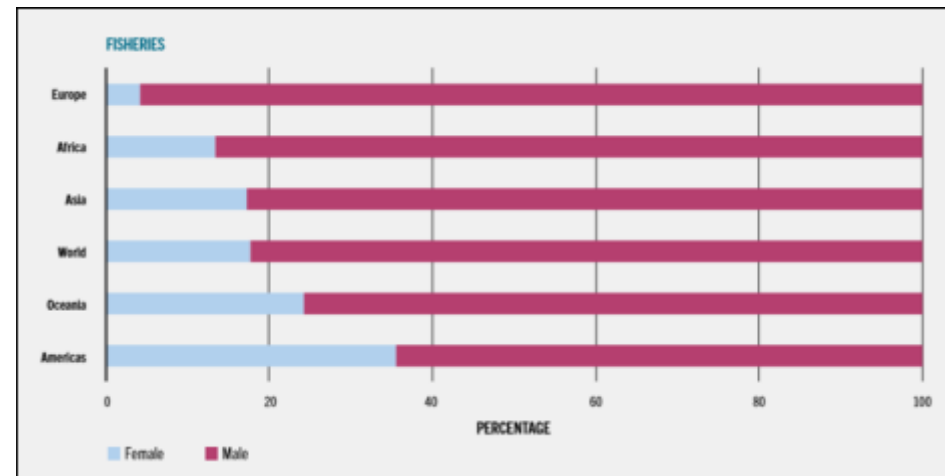
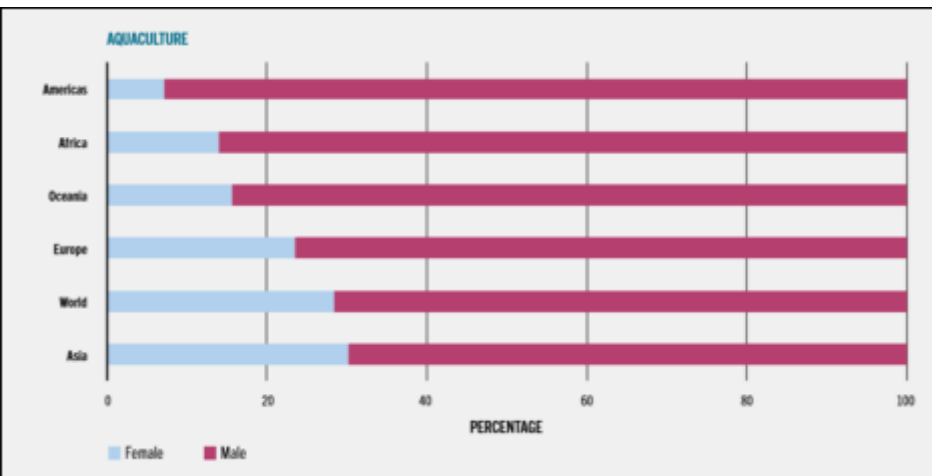
Sex Disaggregated Data in Fisheries & Aquaculture

- Overall, it is estimated that in **2020**, women accounted for just over **21 percent** of all people directly engaged in the fisheries and aquaculture primary sector – **28 percent in aquaculture** and **18 percent in fisheries**.



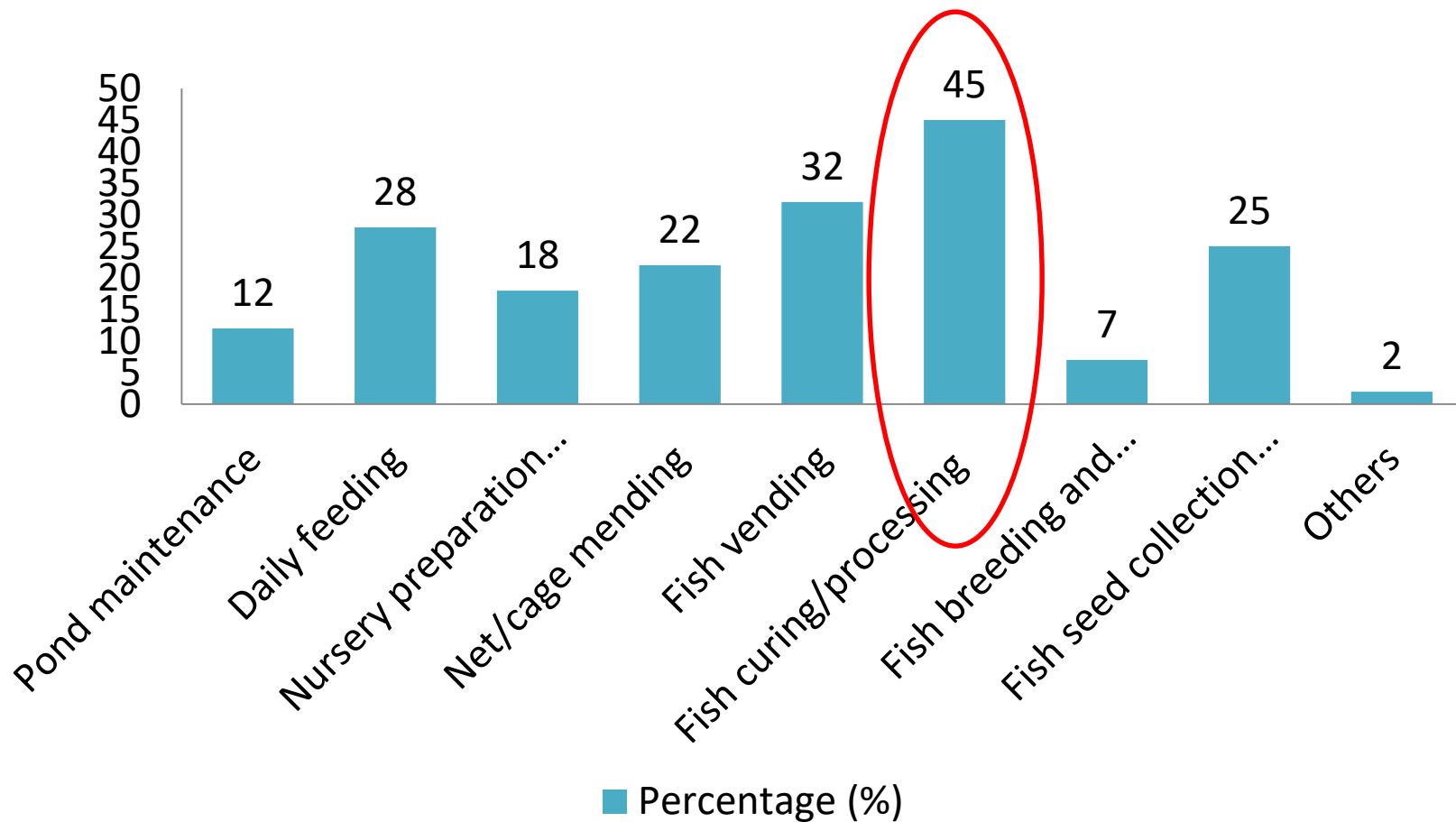
“MEN CAN DO CERTAIN THINGS WELL AND WOMEN OTHER THINGS. MEN AND WOMEN ARE COMPLEMENTARY TO EACH OTHER. ONE NEED NOT PROVE ONE'S STRENGTH.”

Sudha Murty



Source: FAO, SOFIA Report2022

Women in Fishing Activities



General Fishing Activities

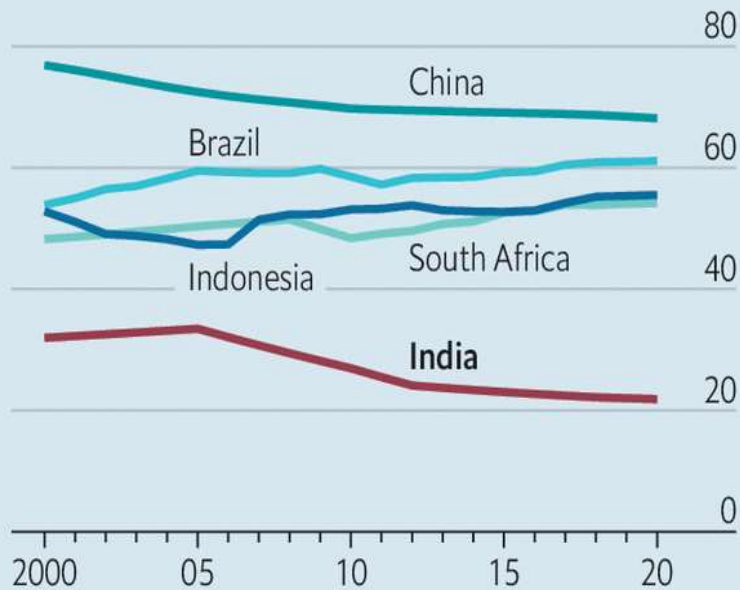
Table 1 Major tasks and Gender responsibilities in aquaculture

Aquaculture task	Responsible	
Pond selection	Predominantly male	Female assist
Pond cleaning	Male	Female
Pond digging	Predominantly Male	Female assist in carrying mud but occasionally dig too
Compost collection and mixing	Male	Female
Water management	Male	Female
Fingerlings sorting	Male	Female
Stocking	Male	Female
Feeding	Male	Female
Harvesting	Male	Female
Marketing	Male	Female

Well....Hardly women are involved in paid employment

Women's squib

Female labour-force participation rate*, %
Modelled ILO estimate

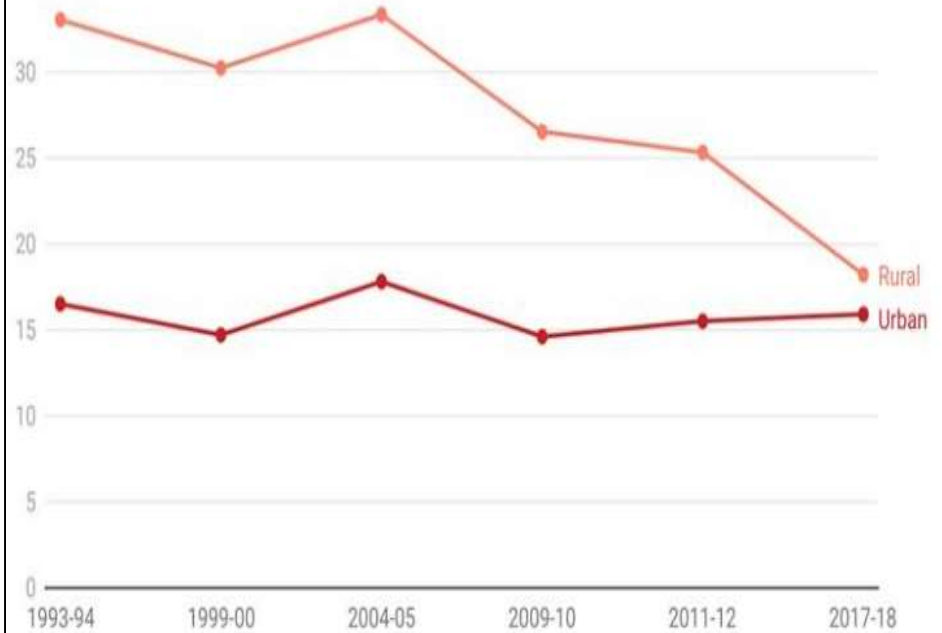


Source: International Labour Organisation

*Aged 15-64

Rural vs Urban India: Female participation in labour force

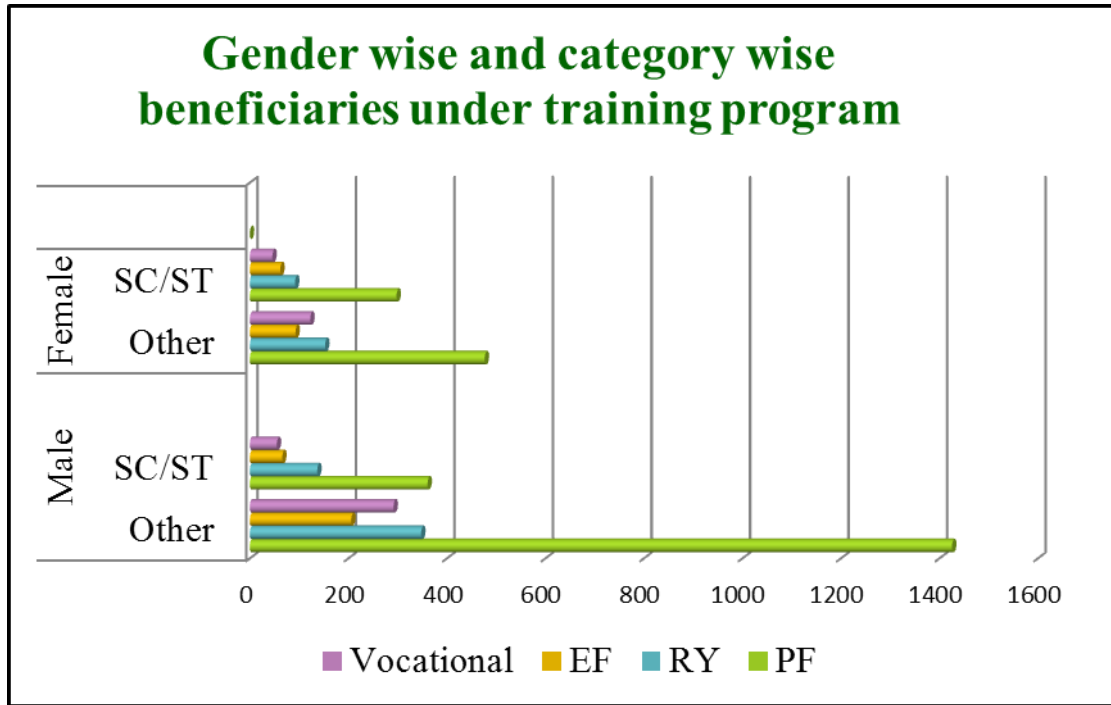
Women in rural India have been withdrawing from the labour force; female participation in urban India has been much lower but stagnant



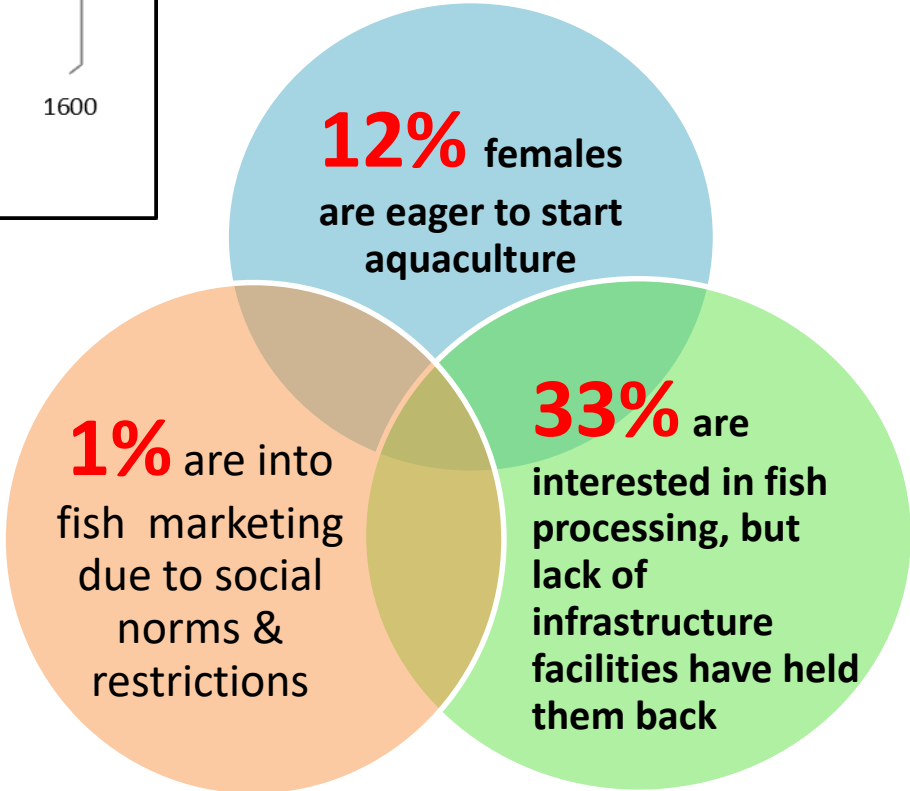
The Economist

Only **7%** of working-aged women have jobs

Training impact assessment-for women



Unfortunately, fish marketing is restrained by a **lack of coherent policies** in setting up **price structures** and apt **conducive milieu** for women promoting the business.



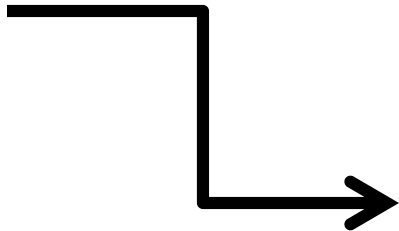
Objectives of the study

- To address market-related issues of women vendors in Bihar and
- To analyze the socio-economic profile from a holistic perspective in conjunction with market structure as well as income and expenditure pattern

Area of work



INDIA



**Eastern part of India: in a village Dholi of
Muzaffarpur district, Bihar
(The Land of Litchi)**



BIHAR

Methodology

1.

- Primary data collected from two women respondents using semi-structured interview schedule

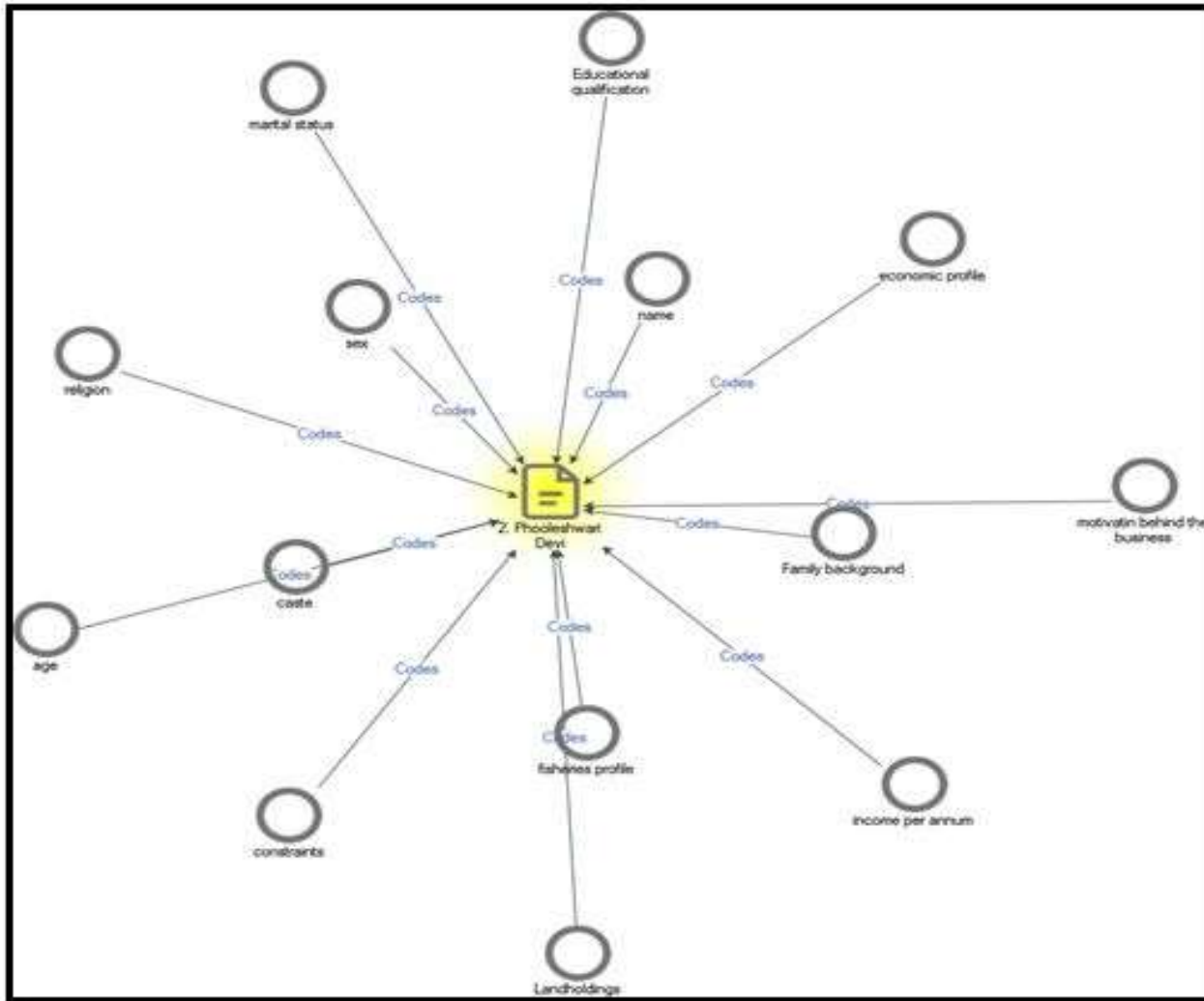
2.

- Graphical and tabular representation techniques used to represent the data

3.

- Thematic analysis was employed using NVivo20.0 software (for theme identification, comparative study and word cloud)

Themes identified for the study



Profile of the women fish vendors

Smt Sita Devi



Smt. Phoolshwari Devi



47 years of age

8th pass

0.2 acres land, ready to take lease in incoming years for agriculture/aquaculture activities

Annual income- **2 to 2.5 lakhs**

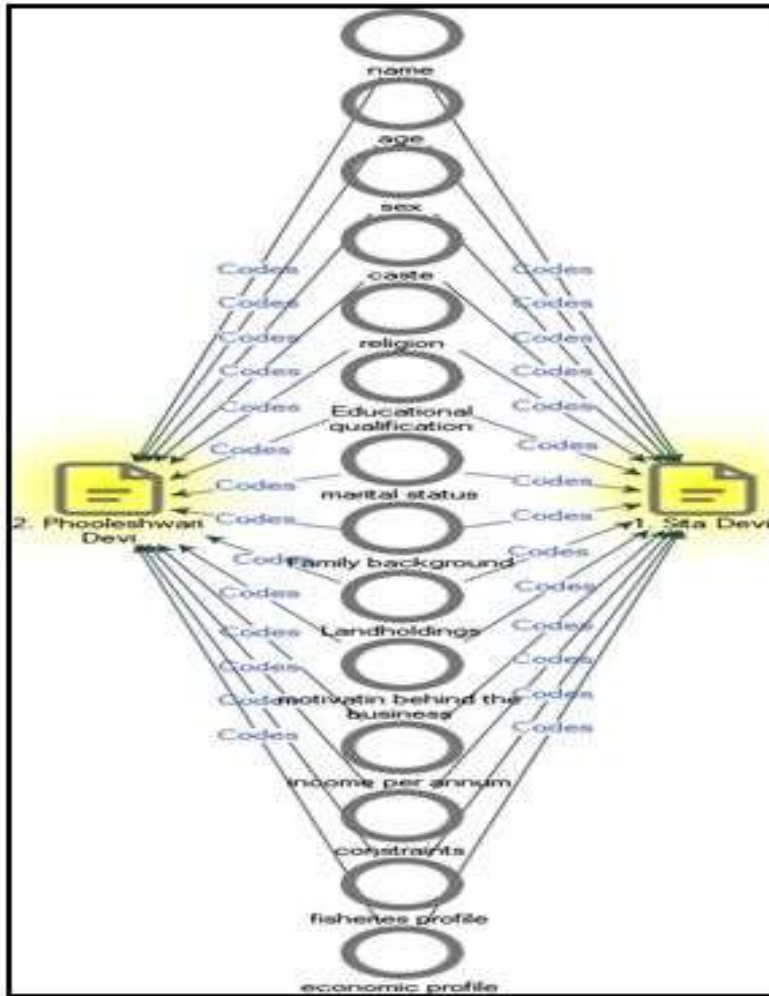
55 years of age

No schooling

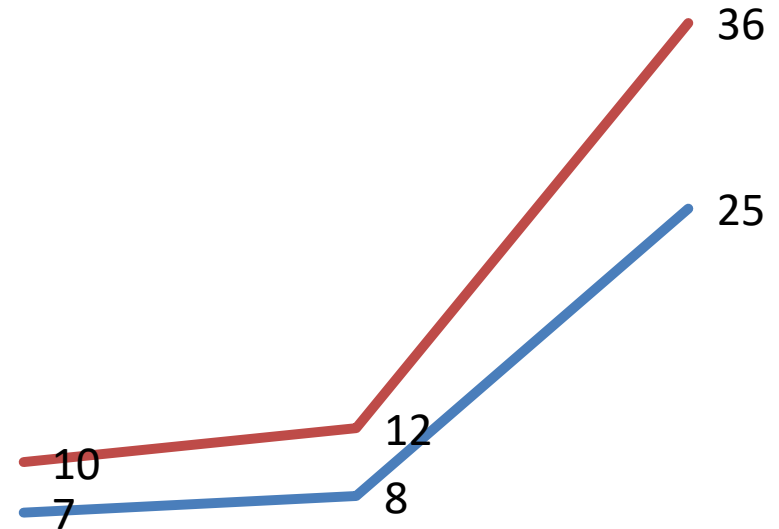
No personal landholdings

Annual income- **1.8 to 2 lakhs**

Comparative analysis



◆ Sita Devi ■ Phoolshawari Devi

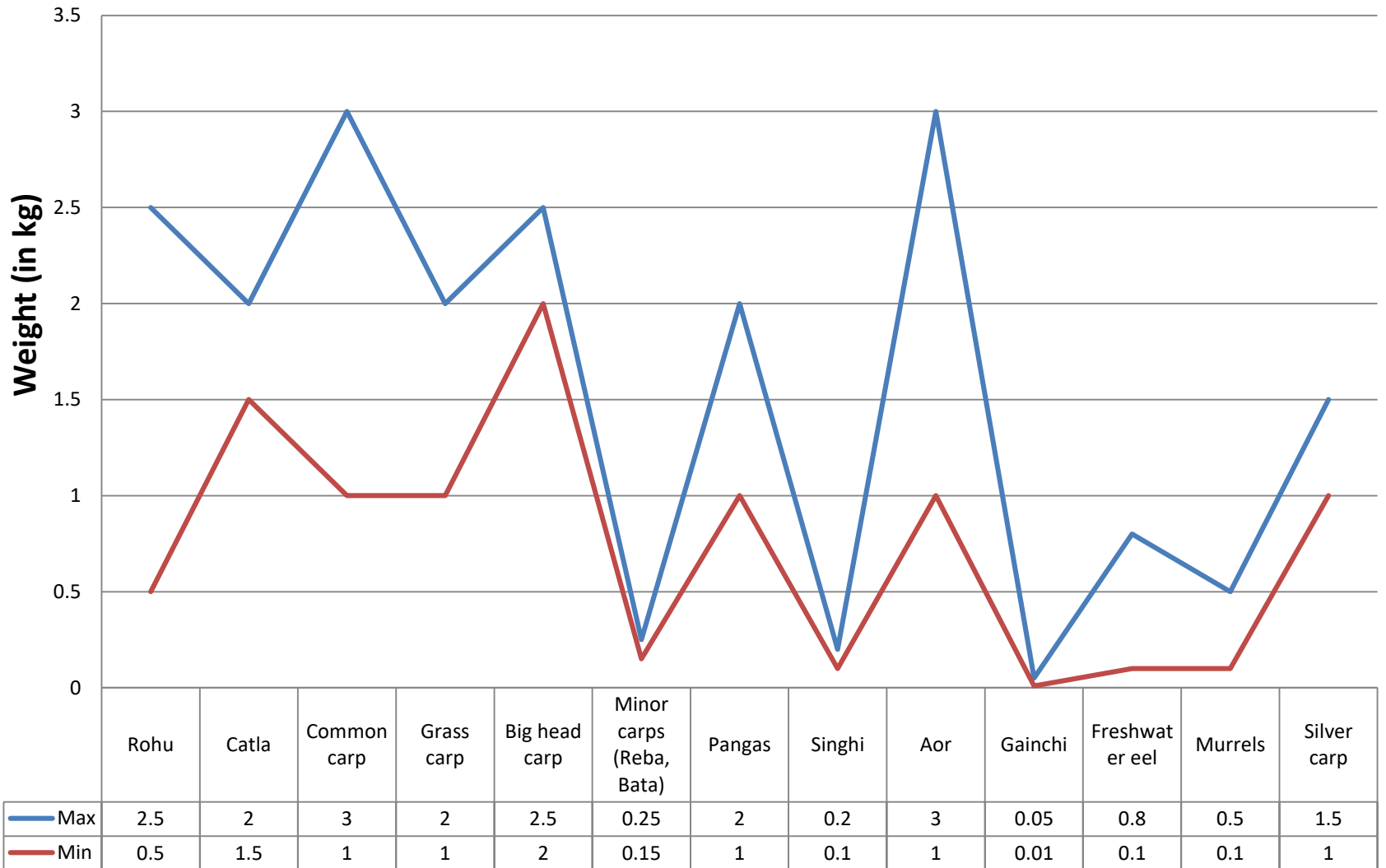


No. of sites for
fish collection

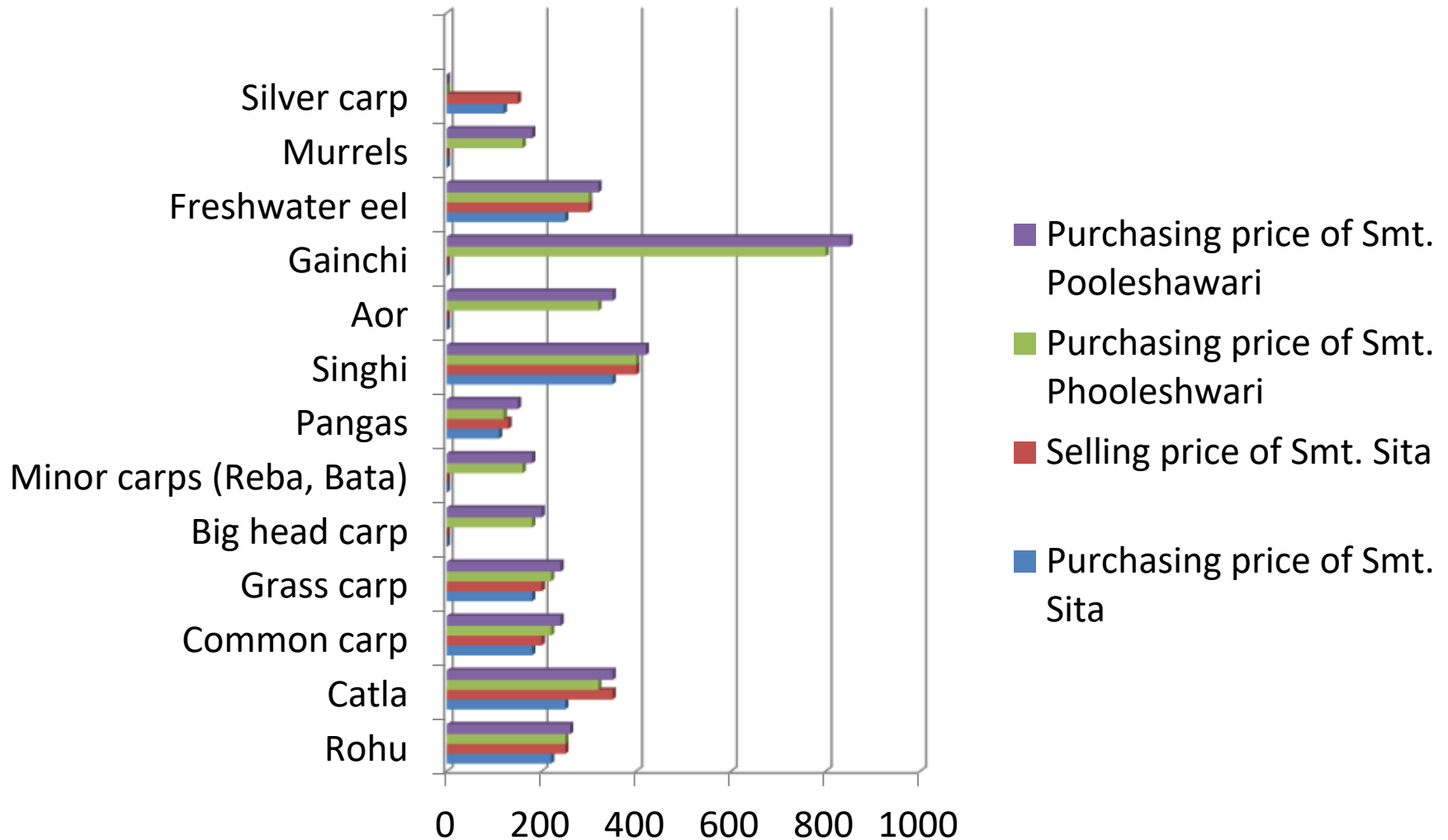
No. of fish sp
marketed

Fish sold per day
in kg

Weight of species sold species wise



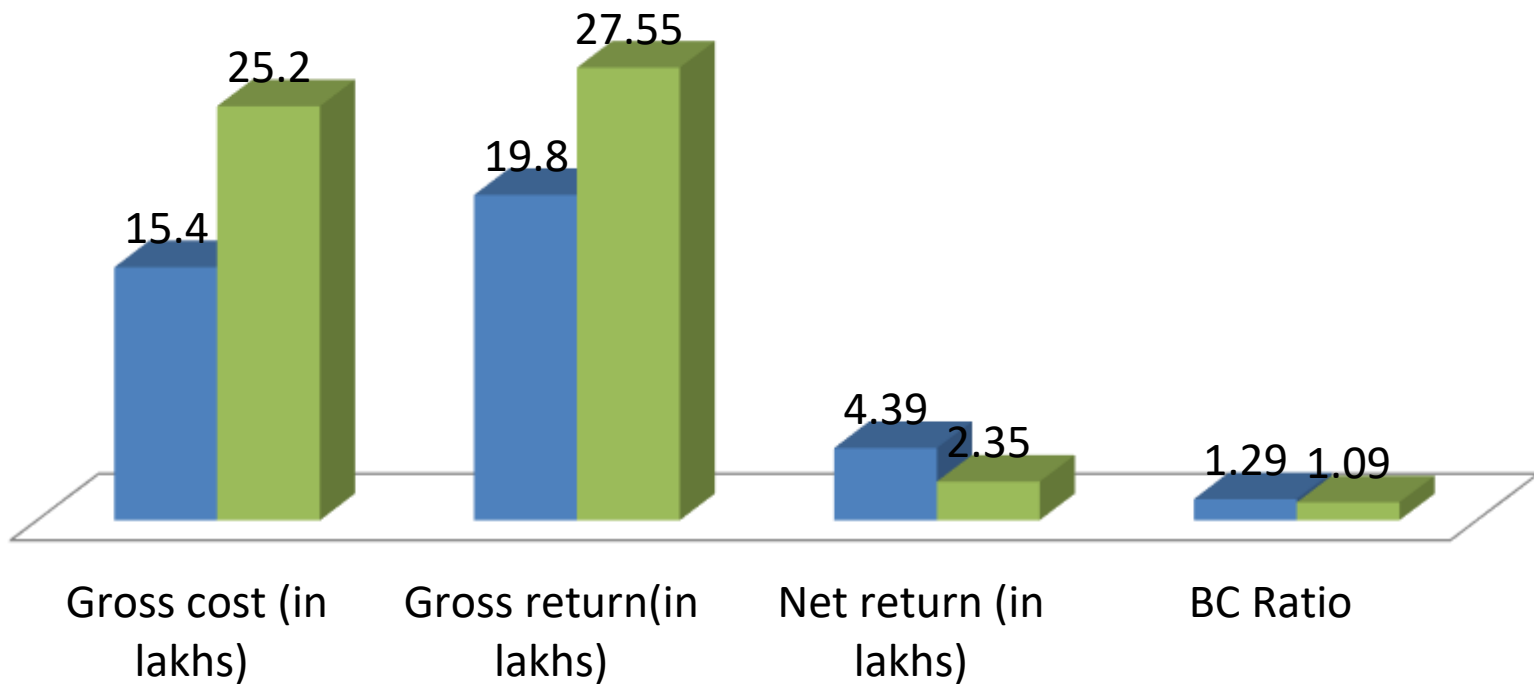
Price gap per kg in different fish species



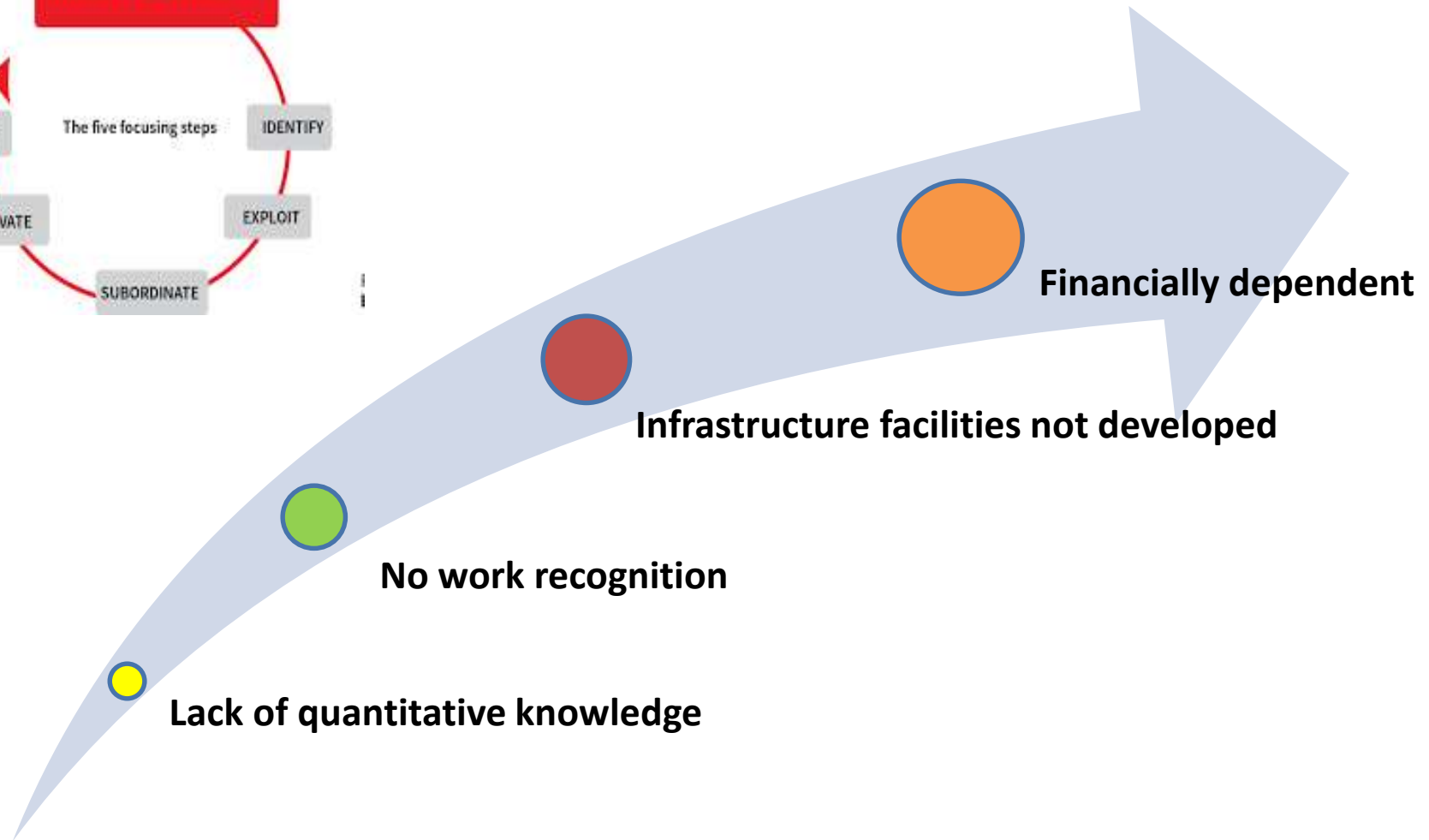
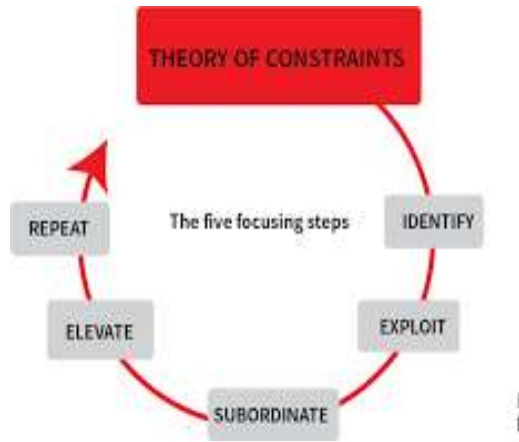
Economic profile per annum

Chart Title

■ Sita Devi ■ Phoolshawari Devi



Major constraints faced by fish women vendors



What are the rooms for improvement???

- Shedding off traditional tinctures
- Data intensive and evidence based approach

- Skill upgradation
- Minimum education compulsion

- Develop entrepreneurial and HR skills
- Mainstream gender inclusive policies



“ Empowering women is a prerequisite for creating a good nation, when women are empowered, a society with stability is assured. ”

- DR. APJ ABDUL KALAM



THANK YOU!!!

For your kind attention