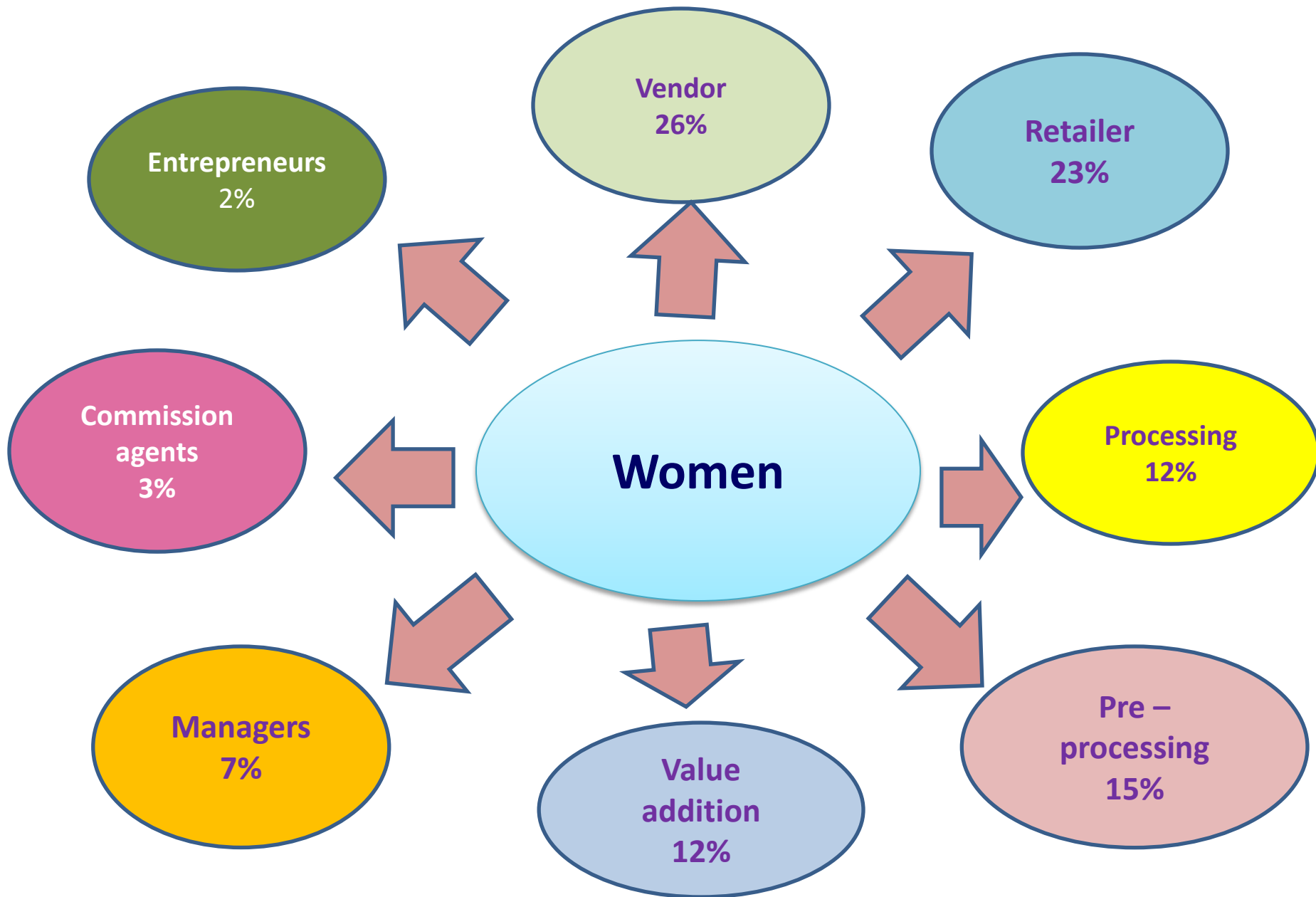


Assessing the empowerment of fisherwomen Post Tsunami in Kerala: A case study on Theeramythri activity groups

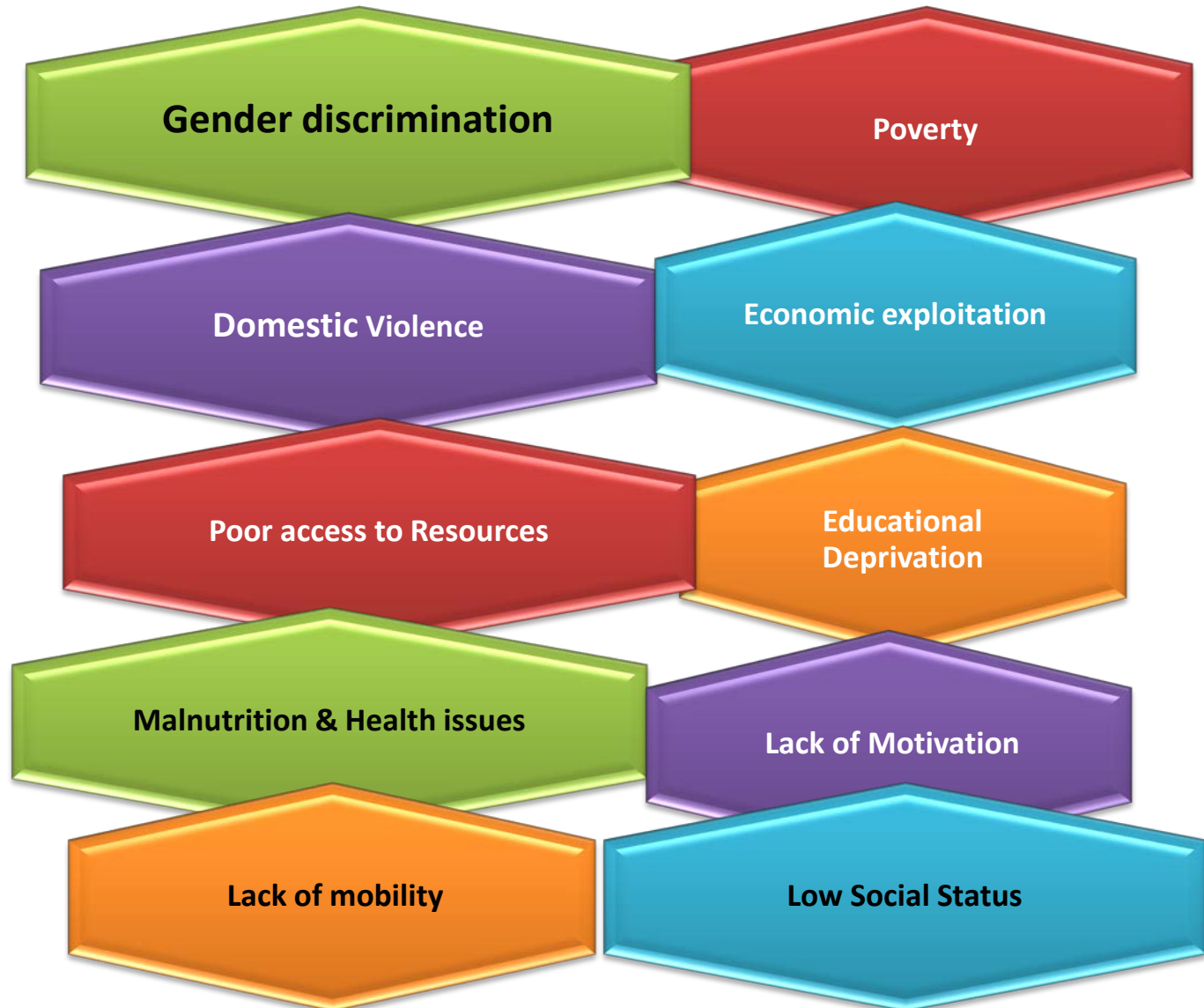
Dr. Shyam. S. Salim
Principal Scientist
CMFRI, Kochi



Role of women in fisheries in Kerala



What makes rural women vulnerable / marginalise



Theeramythri –SAF- DoF

- New initiatives after Tsunami implemented by different agencies of fisheries department (2005).

TEAP(Tsunami Emergency Assistance Program)

TRP(Tsunami Rehabilitation program)

PMNRF(Prime ministers National Relief Fund)

DME(Development of Micro Enterprises)



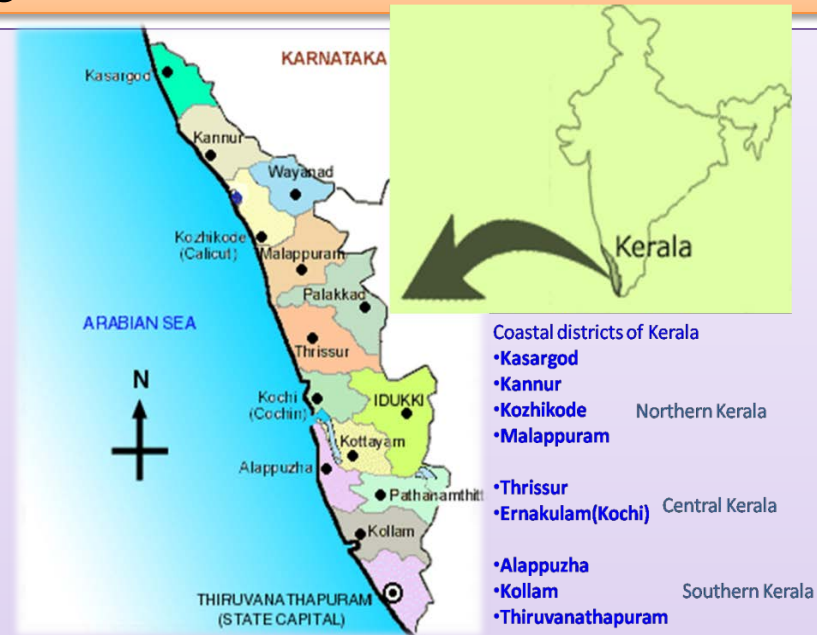
- Established 2500 groups across 9 districts –Up- liftment of the fisherwomen
- Later merged under new and holistic livelihood program- Theeramythri entrusted SAF as Nodal Agency
- Focuses on economic, social and gender empowerment, Alternative livelihood options
- Initiate, encourage and strengthen locally social organisation among fisherwomen in coastal areas
- PPPP model (People, Public, Panchayat, Professional)

Significance of the Study

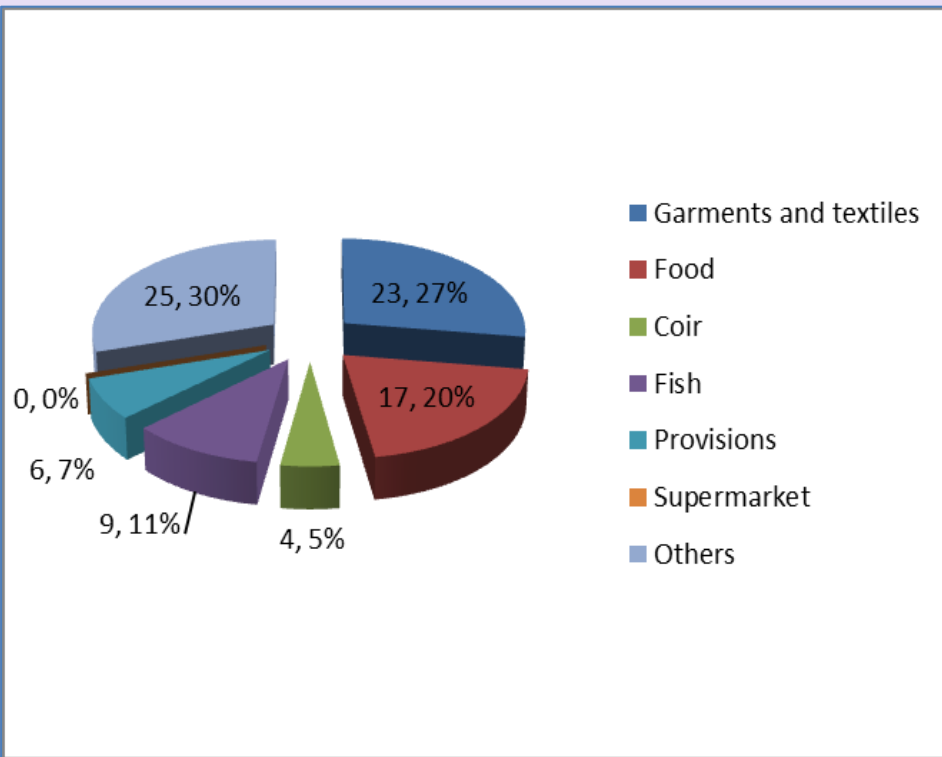
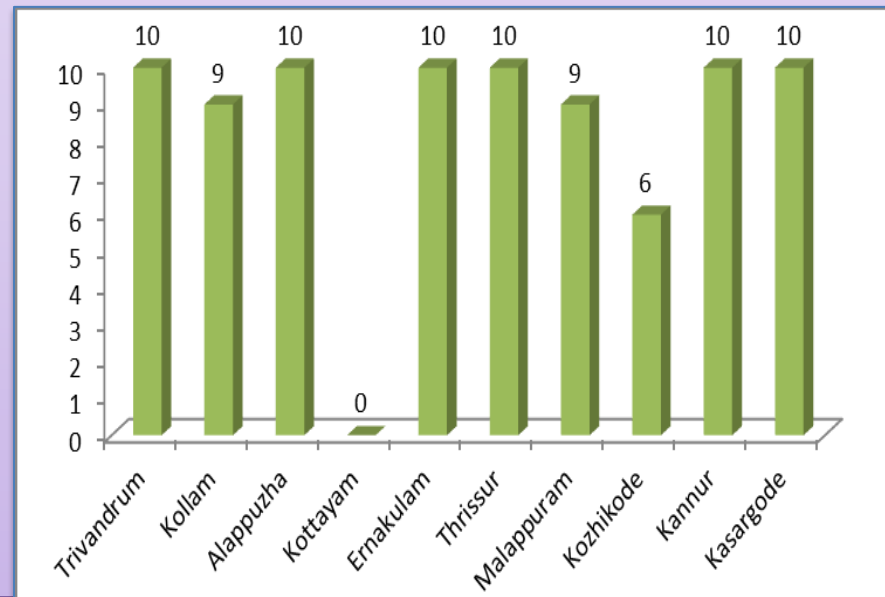


Data and Study location

- **Primary data : 400 fisherwomen**
- **Benefit Monitoring across 4 years**
- **Sector wise allocation of sample**



Sample locations



District wise allocation of sample →

Methodology

- **Assessing** the socio-economic and entrepreneurial profile of women members.
- **Estimating fisherwomen empowerment** levels across time periods viz, Ex-ante and Ex-post.
- **Delineating the factors** leading to better performances
- **Benefit monitoring and Evaluation**
- **Tools used :-**
 - Principal component Analysis
 - Structural equation modelling
 - Garrett Ranking



Empowerment – capabilities visioned:

Decision making power of their own

A range of options from which you can make choices (not just yes/no, either/or.)

Access to information and resources for taking proper decision

Positive thinking on the ability to make change

Ability to exercise assertiveness in collective decision making

Increasing one's positive self-image and overcoming stigma.

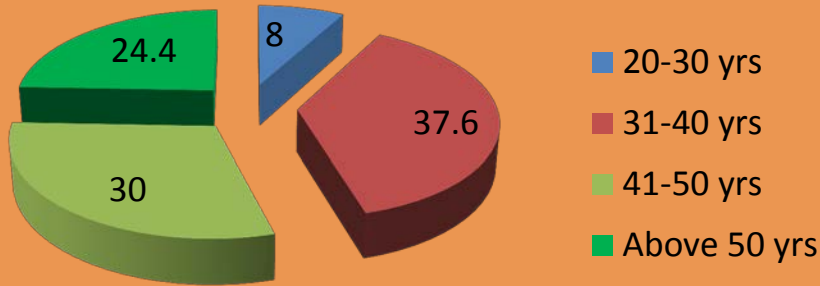
Ability to learn skills for improving one's personal or group power.

Ability to change others' perceptions by democratic means.

Involving in the growth process and changes that is never ending and self-initiated means.

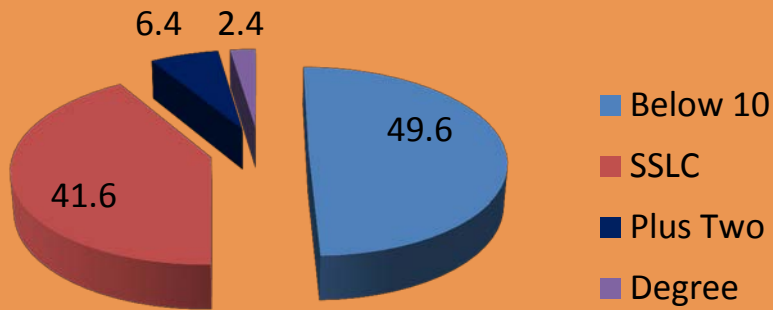
Results

Age Profile – Majority of Respondents :-31-40 yrs (37.6 %)

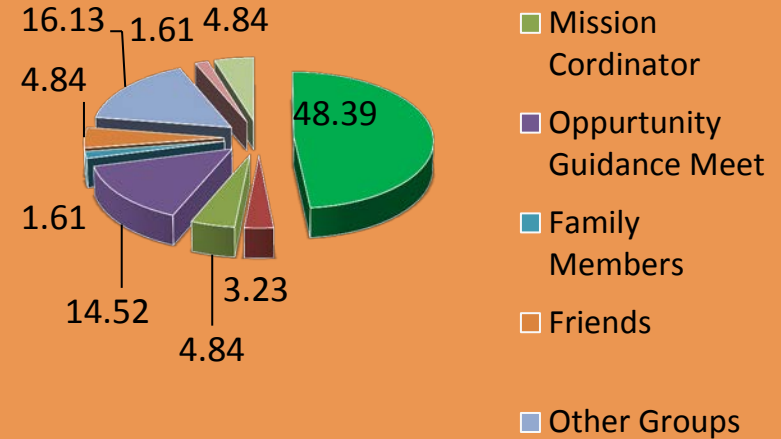


- 20-30 yrs
- 31-40 yrs
- 41-50 yrs
- Above 50 yrs

Educational Profile- Majority of Respondents :- Below 10 (49.6%)



- Below 10
- SSLC
- Plus Two
- Degree



- Panchayath
- Community Leaders
- Mission Cordinator
- Oppurtunity Guidance Meet
- Family Members
- Friends
- Other Groups
- Media

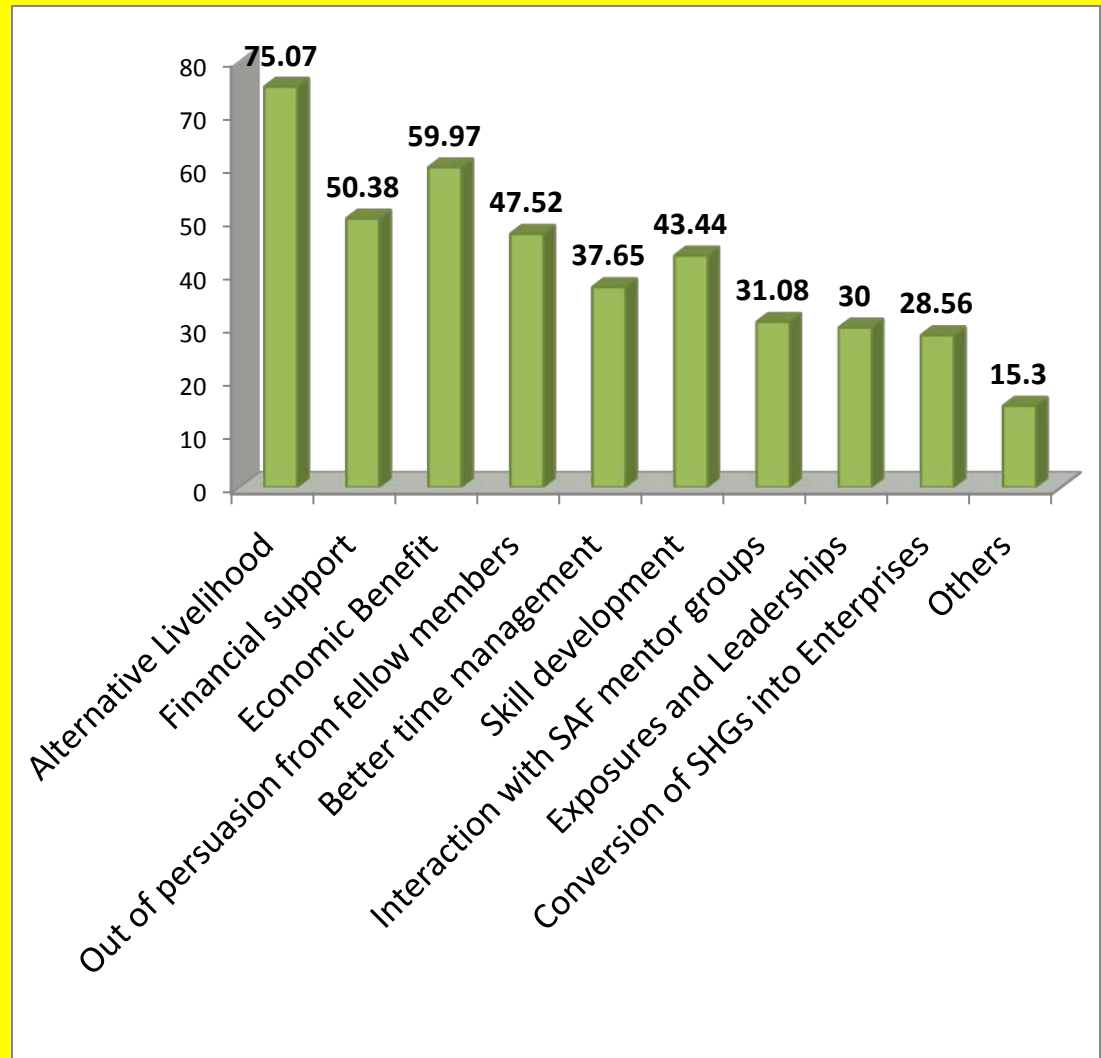
Knowing about SAF- Panchayath (48.39 %)

Reasons for joining SAF

Garrett Ranking Results →

Major reasons

- 1) Alternative livelihood (75.07 %)
- 2) Economic Benefit (59.97 %)
- 3) Financial Support (50.38 %)

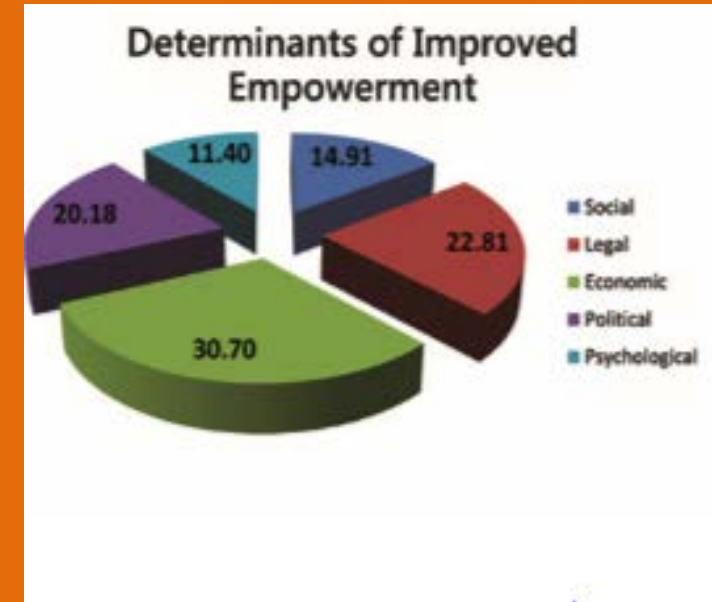


Major attributes of women empowerment



Empowerment indices using factor analysis

Empowerment Indicators	Ex post	Ex ante
Social	74	52
Economical	79	48
Legal	69	38
Political	68	56
Psychological	64	52
Overall empowerment	70.8	49.2



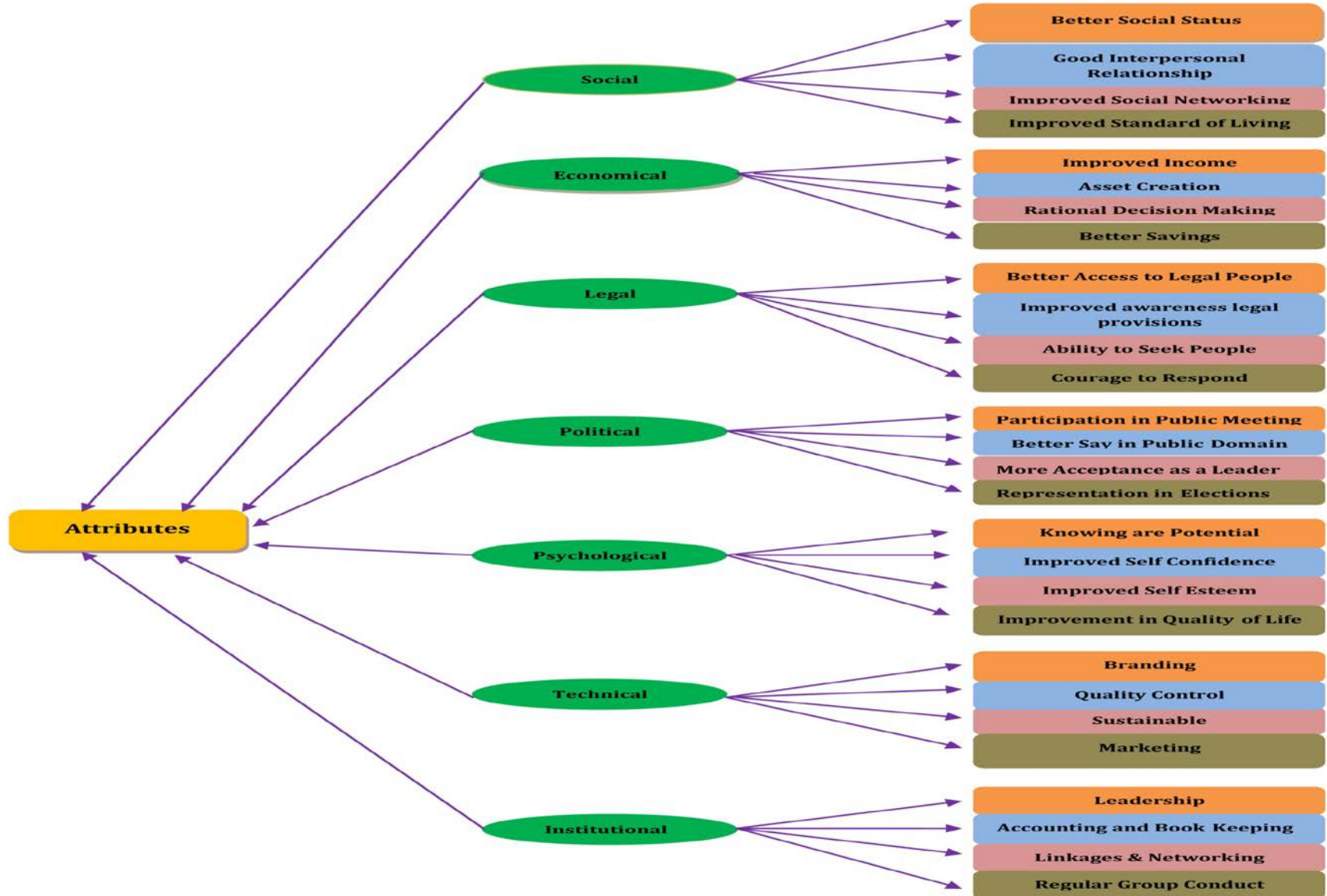
Wilcoxon Test results →

Indicators	P value	Inference
Social	0.031	Significant
Economical	0.031	Significant
Legal	0.031	Significant
Political	0.022	Significant
Psychological	0.030	Significant

Empowerment indices-Structural Equation Modelling

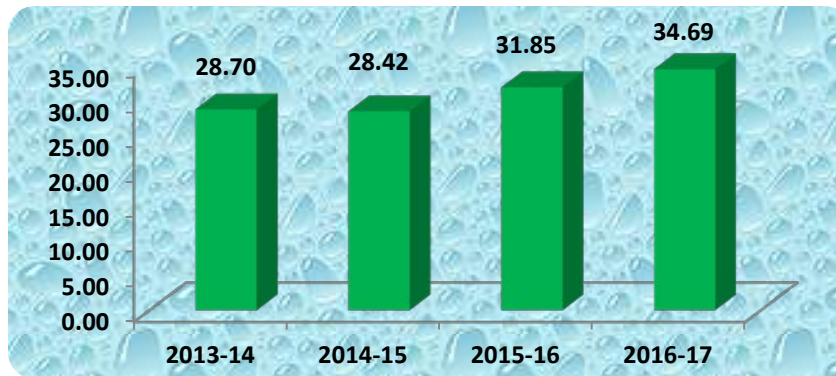
* Empowerment indices	Parameters	Score
Social	Better social status	4.17
	Good interpersonal relationship	3.36
	Improved Social Networking	6.2
	Improvement in standard of living	1.37
	Oneness /community feeling	0.17
Economic	Improved income and savings	13.58
	Economic independence	5.63
	Rational decision making	3.93
	Linkages with financial institutions	10.34
	Adept in financial transaction	2.31
Political	Participation in public meetings/movement	1.82
	Better say in the public domain	3.29
	Improved awareness on states' political conditions	4.27
	Acceptance as a leader	11.29
	Representation in elections	9.87
Legal	Improved awareness on the legal provisions	4.97
	Better access to legal information	9.39
	Ability to find concrete solutions with support	13.87
	Courage to respond against discrimination	3.68
	Skills in conflict Management	11.63
Psychological	Improved Self-worth / esteem	11.29
	Improved Self confidence	13.37
	Ability to analyses and solve the problem	3.78
	Improvement in the Quality of life	2.89
	Knowing ones potential	3.04

Attributes of successful group

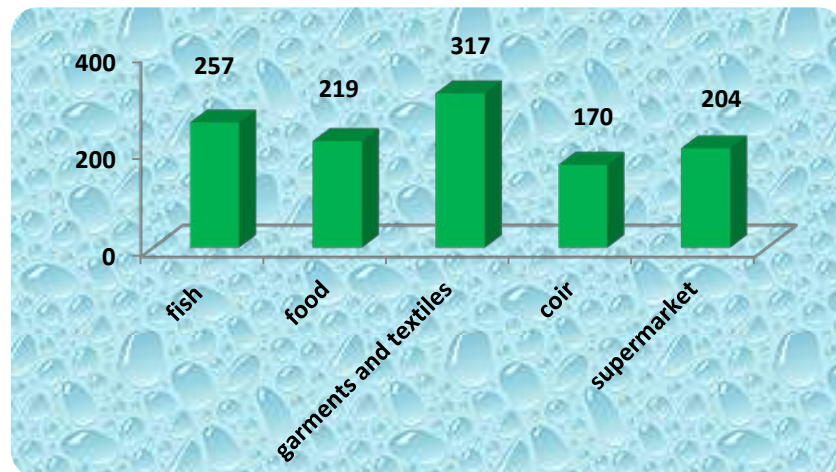


Benefit Monitoring and Evaluation

- Sales turnover rates of activity groups (million)



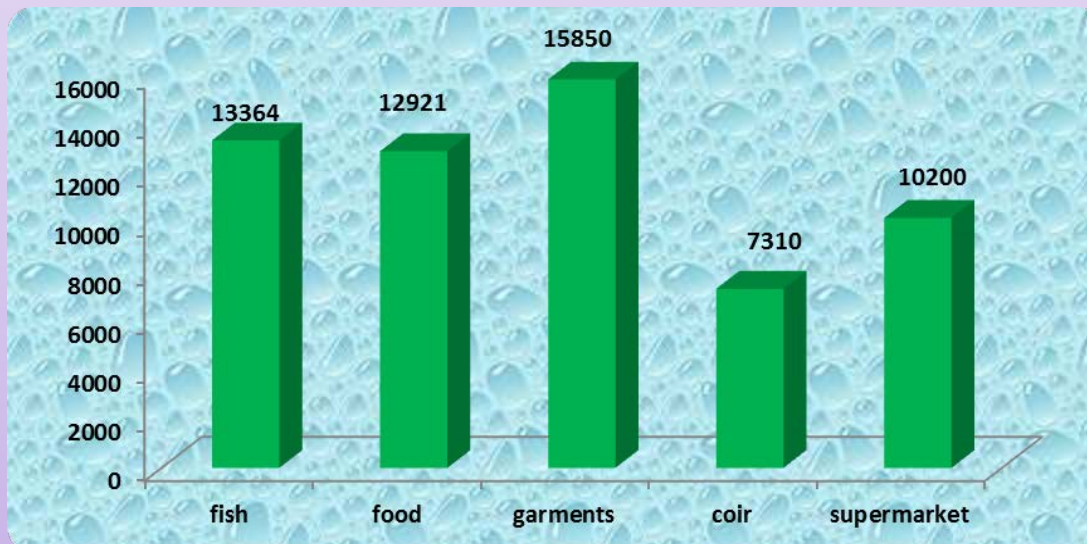
- Wage rate in different sectors



Employment and Income generation-Sector wise

- In order to provide a minimum standard of living and as an alternate livelihood employment SAF initiated activity groups.

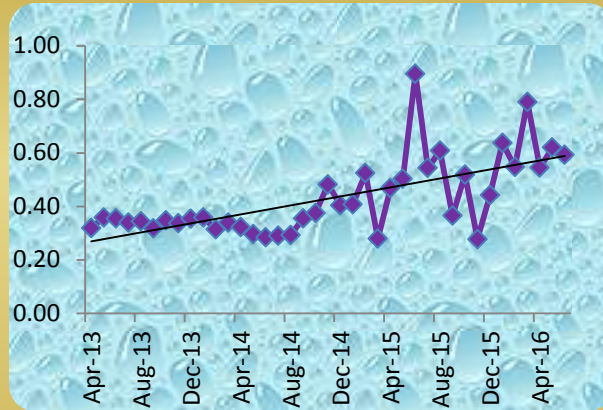
Sector	2013-14	2014-15	2015-16	2016-17
Coir	27	43	20	43
Fish	36	38	33	52
Food	54	56	57	59
Garments	49	63	50	52
Supermarket	88	72	30	50



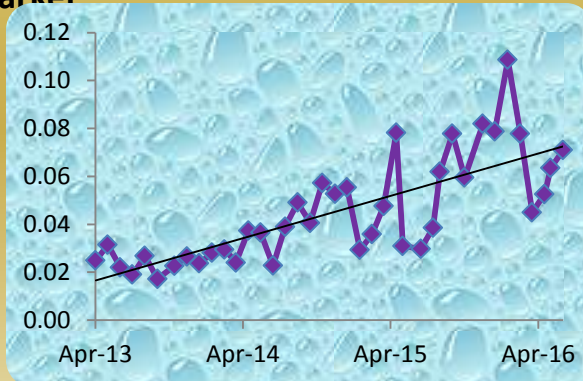
Asset ratio

- Asset creation indicates the percentage of the assets created over the sales turnover.
- Higher ratio indicates higher sustainability and efficiency of the business.
- Asset to turnover ratio measures the efficiency of a group's use of its assets to product sales

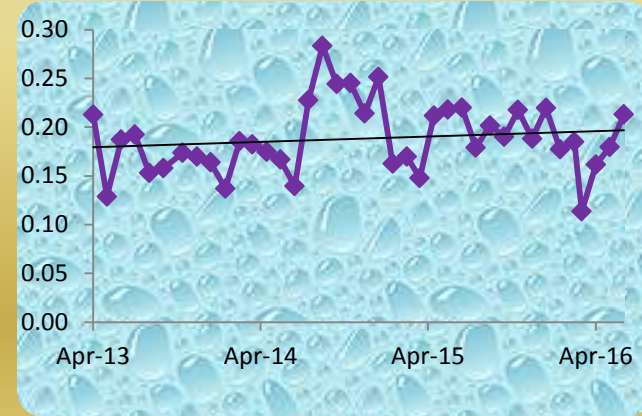
Coir



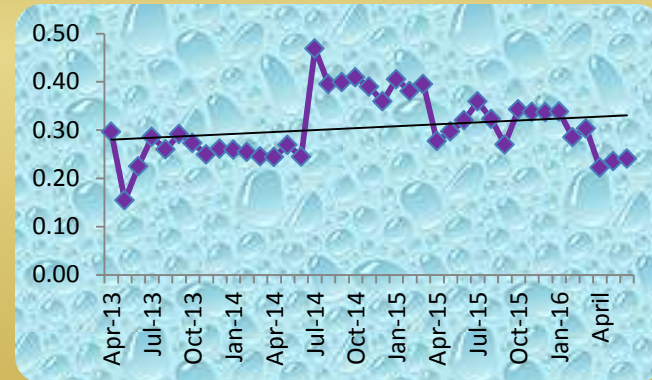
Supermarket



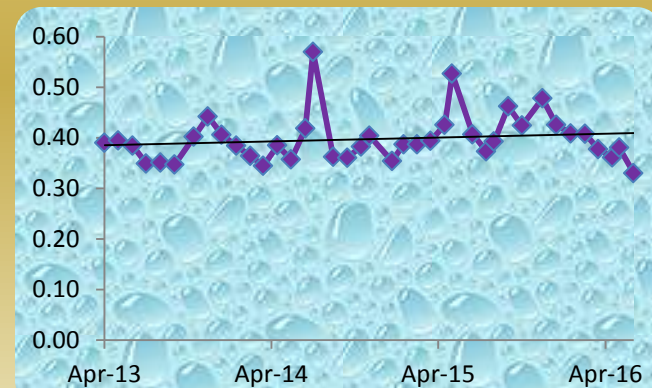
Fish



Food



Garments



“Theeramythri” -A tale of Economic Self Reliance by Fisherwomen

- Around 10,000 fisherwomen gained employment & alternative income
- Transformation of activity groups into business units
- Business turnover of more than Rs.300 million and profits of Rs.100 million
- Created assets which could sustain without governmental support
- Possible empowerment model which could be scaled to other sectors in future.

Way forward- CMFRI and SAF

- Developed the Vision-2030 for SAF
- Developed the SAF- Activity Grid for better marketing opportunities and mainstreaming across competitors
- Developed ARMIS for better coordination among SAF and the Activity groups
- Initiated the TIMES accounting for the Activity Groups
- Theeranaipunya – Empowering fisher youth

Thank you all...