



# Gender analysis among fisher folk involved in dry fish making

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## Objectives of the study:

To study the access of fishermen and women to resources for dry fish unit, their participation profile, gender needs and decision making

To test the significance of association between men and women workers with respect to access to resources

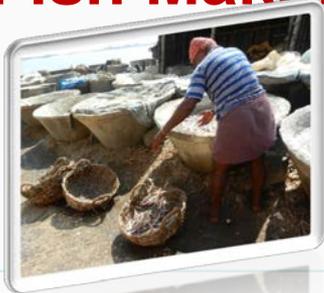
## Methodology:

- Locale of research – Dakshina Kannada district of Karnataka (Hoige Bazar and Bengre)
- Sample size – 32 fisherfolk
- Methods of data collection – Personal interviews, FGDs
- Methods of data analysis: Descriptives, Chi-square and Z test



# (Extent of Involvement in Entrepreneurial Activity –Dry Fish Making Men and Women %)

(n=32)



Activity	Always	Sometimes	Never
Purchase of Raw materials	18.75	6.25	75
Weighing	25	50	21.875
Salting	81.25	6.25	9.375
Drying-Sun drying/Mechanical	84.375	6.25	9.375
Packing	18.75	59.375	21.875
Marketing of finished products	15.625	9.375	75
Account & Record keeping	3.125	0	96.875

# Extent of involvement in entrepreneurial activity, (Fisher men, women)

Activity	Chi square value	p value
Purchase of raw materials	6.84	0.0327*
Weighing	14.04	0.0008*
Salting	9.72	0.0072*
Drying	16.56	0.0002*
Packing	7.72	0.021*
Marketing of finished products	2.24	0.325 NS
Account and record keeping	9.71	0.007*



# Access to resources

Resource Access	Female Alone		M < F		M = F		M > F		Male Alone		No Access	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Raw materials	0	0	0	0	3.125	0	3.125	0	75	18.75	0	0
Extension Service	0	0	0	0	43.75	0	28.125	3.125	3.125	12.5	3.125	3.125
Weighing mechanisms	0	0	0	0	6.25	0	53.125	6.25	18.75	12.5	3.125	0
Salting methods	21.875	6.25	40.625	3.125	18.75	3.125	3.125	0	0	6.25	0	0
Drying-Sun drying/Mechanical	71.875	3.125	6.25	9.375	0	3.125	0	0	0	3.125	3.125	0
Packing materials/Devices	0	0	0	0	9.375	0	59.375	3.125	9.375	15.625	3.125	3.125
Institutional Credit	0	0	0	0	46.875	0	18.75	0	9.375	3.125	6.25	15.625
Non-Institutional Credit	0	0	0	0	46.875	0	25	0	0	0	9.375	18.75
Marketing of finished products	68.75	9.375	0	0	6.25	0	0	0	0	9.375	3.125	3.125
Account & Record keeping	0	0	0	0	21.875	3.125	40.625	3.125	12.5	6.25	3.125	6.25
Site/Water	0	0	3.125	0	56.25	18.75	21.875	0	0	0	0	0
Other inputs	1	0	0	0	62.5	6.25	15.625	12.5	0	2.125	0	0

## Access to resources

<b>Resource access</b>	<b>Chi square value</b>	<b>p value</b>
<b>Raw materials</b>	2.669	0.614
<b>Extension service</b>	4.075	0.395
<b>Weighing mechanisms</b>	0.722	0.948
<b>Salting methods</b>	1.000	0.607
<b>Drying</b>	12.0	0.285
<b>Packing materials</b>	0.467	0.976
<b>Institutional credit</b>	0.965	0.915
<b>Non institutional credit</b>	1.983	0.738
<b>Marketing of finished products</b>	0.332	0.987
<b>Account and record keeping</b>	0.423	0.980

# Participation profile in gender perspective in dry Fish Unit

Participation	Man(Independently)		With Man		With Woman		Woman(Independently)	
	Female	Male	Female	Male	Female	Male	Female	Male
Purchase of Raw materials	<b>100</b>	0	0	0	0	0	0	0
Availing Extension Service	19.23	3.84	11.53	0	<b>65.38</b>	0	0	0
Weighing	46.15	0	<b>53.84</b>	0	0	0	0	0
Salting	3.84	0	0	0	57.69	0	38.46	0
Drying-Sun drying/Mechanical	3.846	0	0	0	3.84	0	<b>92.30</b>	0
Packing	11.53	3.84	<b>53.84</b>	0	26.92	0	0	0
Institutional Credit	26.92	0	<b>61.53</b>	0	7.69	0	0	0
Non-Institutional Credit	11.53	0	<b>73.07</b>	0	15.38	0	0	0
Marketing of finished products	11.53	0	0	0	3.84	0	<b>84.61</b>	0
Account & Record keeping	23.07	0	<b>61.53</b>	0	15.38	0	0	0
Site/Water utilisation	11.53	0	42.30	0	46.15	0	0	0
Other Inputs	7.69	0	46.15	0	46.15	0	0	0

# Participation Profile

Participation	Z value
Purchase of raw materials	3.00 **
Availing extension service	3.70**
Weighing	-0.50
Salting	0.38
Drying	0.0
Packing	-0.21
Institutional credit	-1.06
Non institutional credit	-2.21*
Marketing of finished products	-2.38*
Account and record keeping	-0.55
Site/water	-1.35
Other inputs	-1.02



# Gender needs in Dry Fish Unit

Activities	Important		Less Important		Most Important	
	Female	Male	Female	Male	Female	Male
Purchase of Raw materials	15.62	0	0	0	65.62	18.75
Availing Extension Service	40.62	6.25	28.125	12.5	6.25	0
Weighing	12.5	0	0	0	68.75	18.75
Salting	6.25	0	0	0	75	18.75
Drying-Sun drying/Mechanical	3.125	0	0	0	78.12	18.75
Packing	12.5	0	0	0	68.75	18.75
Institutional Credit	56.25	9.37	12.5	9.37	12.5	0
Non-Institutional Credit	46.87	9.37	28.12	9.37	6.25	0
Marketing of finished products	3.125	0	0	0	78.12	18.75
Account & Record keeping	9.37	3.125	0	0	71.87	15.62
Site/Water	3.12	0	0	0	78.12	18.75
Other Inputs	34.37	9.375	31.25	6.25	12.5	3.12

# Decision making in various phases of dry fish unit

Phases	Female alone		M<F		M=F		M>F		Male alone	
	Female	Male	Female	Male	Female	Male	Female	Male	F	M
Purchase of Raw materials	0	0	0	0	0	0	11.53	0	88.46	0
Availing Extension Service	0	0	3.84	0	34.61	0	42.30	0	19.23	0
Weighing	0	0	0	0	11.53	0	76.92	0	11.53	0
Salting	42.30	0	46.15	0	11.53	0	0	0	0	0
Drying-Sun drying/Mechanical	96.15	0	3.84	0	0	0	0	0	0	0
Packing	3.84	0	0	0	7.69	0	80.76	0	7.69	0
Institutional Credit	0	0	3.84	0	38.46	0	53.84	0	3.84	0
Non-Institutional Credit	7.69	0	11.53	0	65.38	0	15.38	0	0	0
Marketing of finished products	0	84.6	3.84	0	3.84	0	3.84	0	3.84	0
Account & Record keeping	0	0	0	0	57.69	0	34.61	0	7.69	0
Site/Water	0	0	0	0	73.07	0	23.07	0	3.84	0
Other Inputs	0	0	3.84	0	76.92	0	7.69	0	7.69	0

# Implications of the study

- Though dry fish making is a fisher women dominated enterprise, fishermen too figured in the paraphernalia of activities
- Lack of proper facilities for washing, cleaning, drying and storage of the end product
- Women user friendly technologies is the need of the hour
- A revisit in to the solar dryer technology and technology refinement of the same is warranted
- The gender gap in the accessibility to extension services needs to be improved

Thank you!!!

