

Appendix A Supplementary Information (SI)

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A1. Summary Results of the REVFIN Survey Questionnaire Sample and Methodology

- **Number of respondents:** 1525

- **Interview method:** Face-to-face structured survey as part of the REVFIN project, covering three coastal provinces in Vietnam.

A2. Key Survey Results

Part 1: General Information & Gear Inventory

Q16. Fundamental information of fishing gear

	Fishing gears	Unit	Quantity \pm SD	Number of answers: Quantity	Investment cost (million VND) \pm SD	Number of answers: Investment costs
1	Main nets/ Cover nets	kg	326.5 (± 976.7)	1429	58.65 (± 146.15)	1429
2	Rope	kg	224.2 (± 524.6)	1221	16.16 (± 47.87)	1225
3	Buoy	Pieces	5527 (± 9501)	1131	8.61 (± 35.66)	1125
4	Others:		599.5 (± 2026.5)	793	47.22 ± 148.96	818

Q20. Have you found any abandoned/lost fishing gear during the sailing?

N(answers) = 1525

Anwer	Never (1)	Rarely (2)	Sometimes (3)	Often (4)	Always (5)
Number of respondents	237	425	664	178	1

Q21. If yes, what did you do with it?

N(answers) = 1525

Anwer	Take them	Left them in the water
Number of respondents	862	663

Q23. Have you ever encountered plastic litter in your nets? If yes, with which

N(answers) = 1525

Anwer	Fishing gears(1)	Plastic bag (2)	Bottle (3)	Nets (4)	Others (5)
Number of respondents	645	1322	991	658	153

Part 2: Economic Aspects**S30. What is the economic disadvantage of recycling networks?**

N(answers) = 1525

Anwer	Taxes (1)	Fees (2)	Transport (3)	other (4)	No answer
Number of respondents	0	67	423	674	361

S33. Are measures in place to recover lost/discarded fishing gear?

N(answers) = 1525

Anwer	Yes (1)	No (0)
Number of respondents	71	1454

Part 4: End-of-Life and Behavioral Analysis

L27. Would you be willing to collect nets to bring back to shore?

N(answers) = 1525

Anwer	Yes	Yes, if there is an incentive mechanism	No
Number of respondents	1462	55	8

L28. Is there a designated storage area on the boat for end-of-life fishing gear?

N(answers) = 1525

Anwer	Yes (1)	No (0)
Number of respondents	1390	15

L29. How is end-of-life fishing gear handled while on the boat?

N(answers) = 1525

	Handling while on boat	Percentage (%)	Number of respondents*
1	Gather on board	97.79	1511
2	Thrown into the sea	1.45	67
3	Others	0.76	28

*For this question multiple answers were allowed.

L30 In your opinion, which is the most appropriate program to collect fishing gear?

N(answers) = 1524

Anwer	Exchange	Exemption	Buyback
Number of respondents	898	2	623

L33. Where is end-of-life fishing gear sent to while on land/port?

N(answers) = 1524

	Handling while on land/port	Average Proportion of Fishing Gear handled this path (\pm SD) (%)
1	Garbage collection area at the port	4.27 (\pm 17.33)
2	Public recycle bin	1.62 (\pm 9.79)
3	Anywhere	0.43 (\pm 4.14)
4	For change	74.42 (\pm 37.62)
5	Reuse/recycling	15.96 (\pm 29.42)
6	Incineration	1.72 (\pm 11.13)
7	Others	1.44 (\pm 10.66)

	Handling while on land/port	Number of respondents using this path	Ratio
1	Garbage collection area at the port	117	7.67%
2	Public recycle bin	58	3.80%
3	Anywhere	26	1.70%
4	For change	1362	89.38%
5	Reuse/recycling	420	27.54%
6	Incineration	48	3.14%
7	Others	30	1.97%

L35. If for change, how will damaged/discarded fishing gear be sold?

N(answers) = 1467

	Handling while on land/port	Number of respondents using this path	Ratio
1	Sell at the ship to retail buyers	368	23.0%
2	Bring the discarded fishing gear to retail buyers	962	65.5%
3	Sell directly to scrap collection centers	188	12.8%

A3. Market Price for Spent Fishing Gear

- Informal market price for end-of-life nets:

- PE nets: about 6000 VND/kg
- PA nets: about 8000 VND/kg
- Ropes: about 4000 VND/kg

- **Average annual replacement cost for nets lost by seabed snagging:** 28.33 million VND (sample mean; N=1196).

A4. Barriers and Preferences

- Top barriers to returning ALDFG: Transport costs, lack of infrastructure, and “other” (no specification). Taxes/fees are rarely a concern.
- Preferred return system: “For change” or “exchange” with cash or direct value received is strongly favored, followed by buy-back; exemption schemes are very rare among stated preferences.

A5. Additional Notes

- Survey administered by trained enumerators to minimize literacy and reporting bias.
- Data forms the empirical basis for market incentive calculations and policy modeling in the main paper.