



Cod pots, an alternative fishing gear to gillnet fisheries for cod?

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Why do we need an alternative?

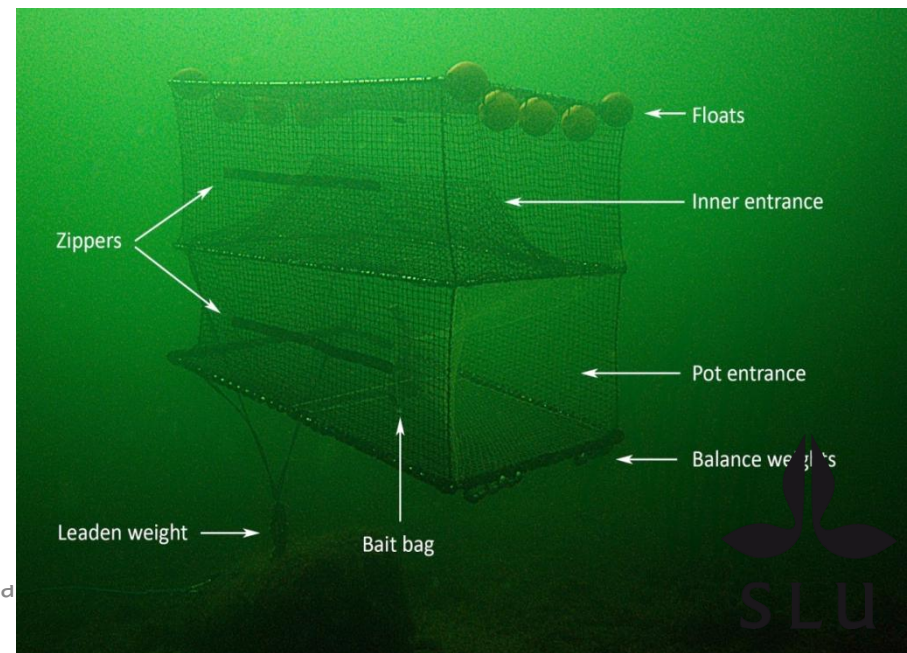
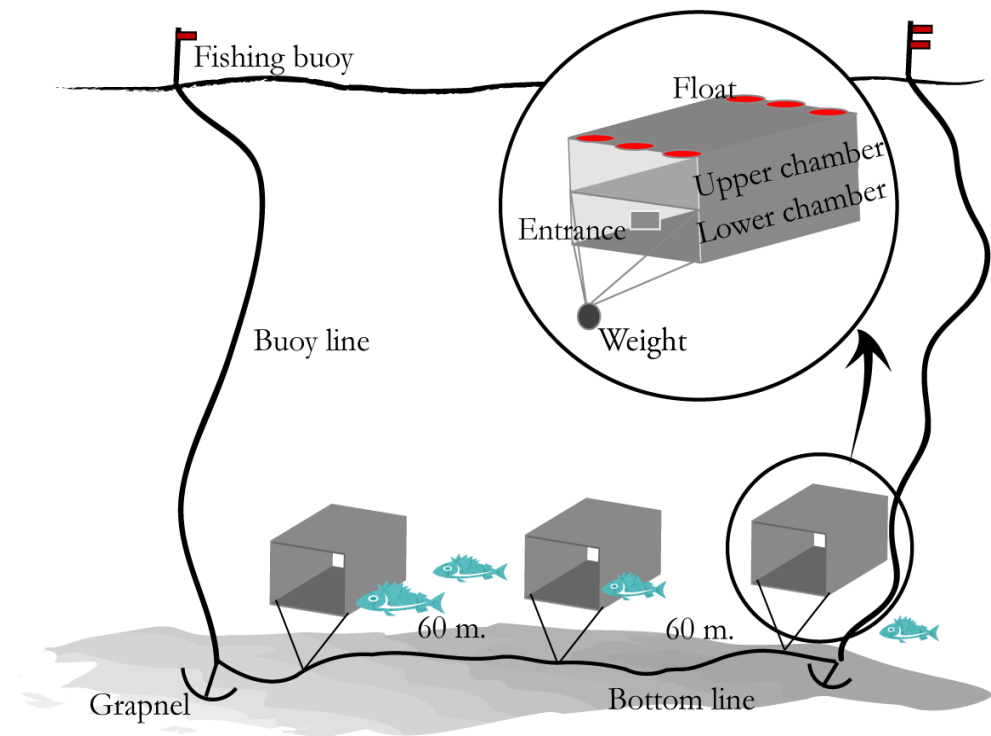
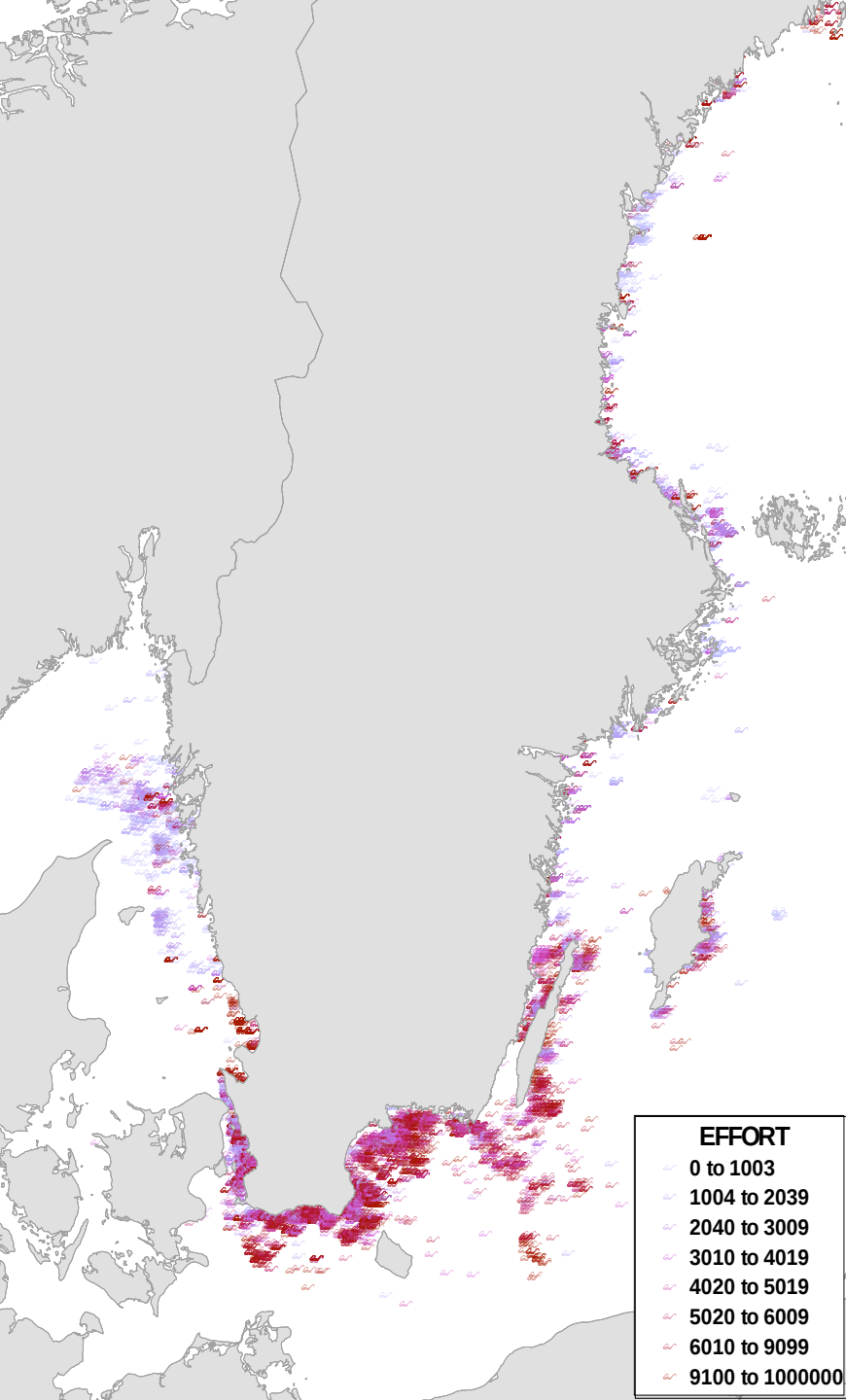
- Reduce the seal and fisheries conflict
- Decrease bycatch of birds, marine mammals and other fish species
- Other environmental factors such as low energy costs and ghostfishing
- A positive development for the small scale coastal fisheries



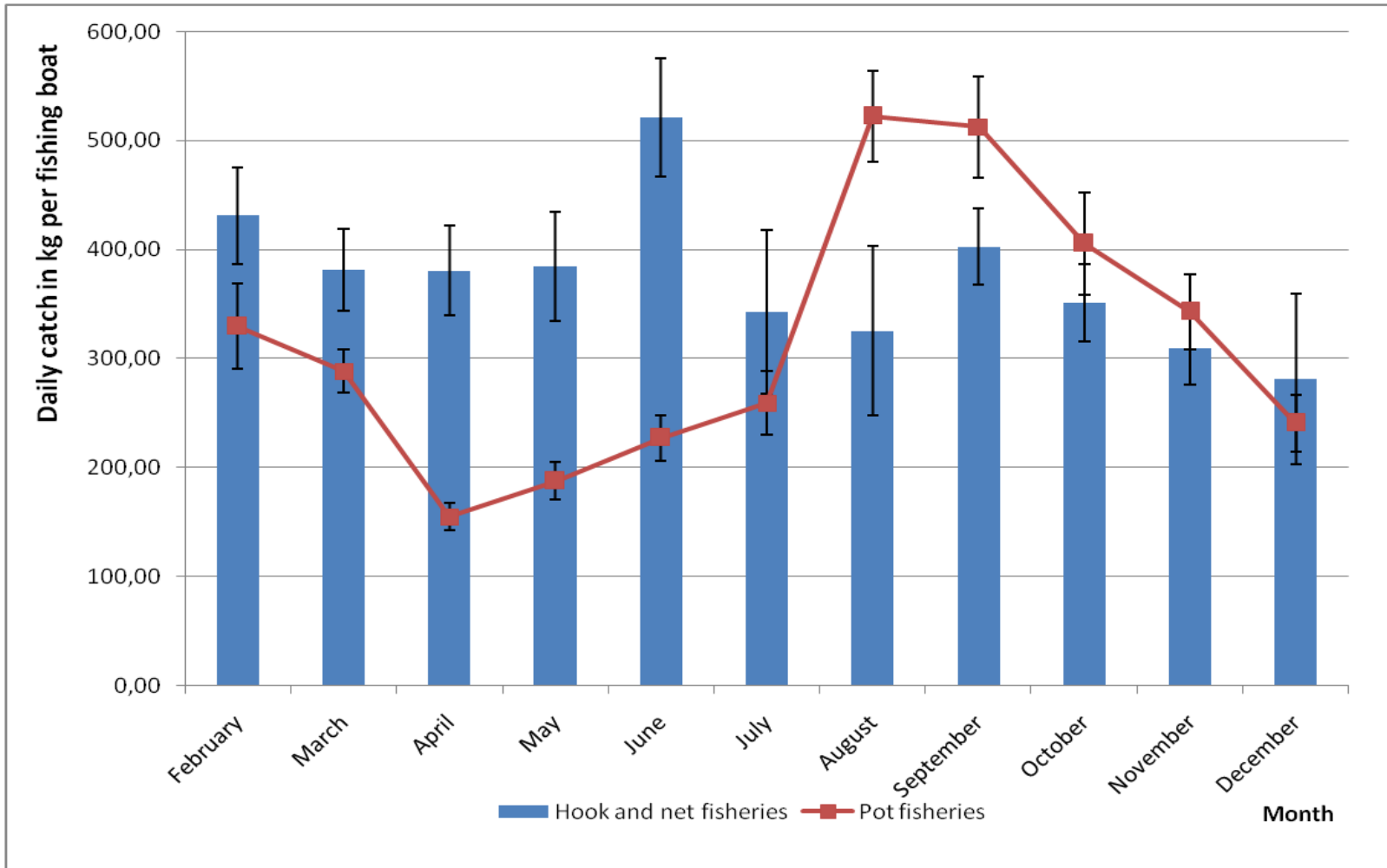
Development of alternative fishing gear

- Comparable catches in alternative fishing gear as to traditional fishing gear
- Environmental impact
- Seal-safe; protect the catch and minimize the seals reward
- Practical handling





Comparable catches....



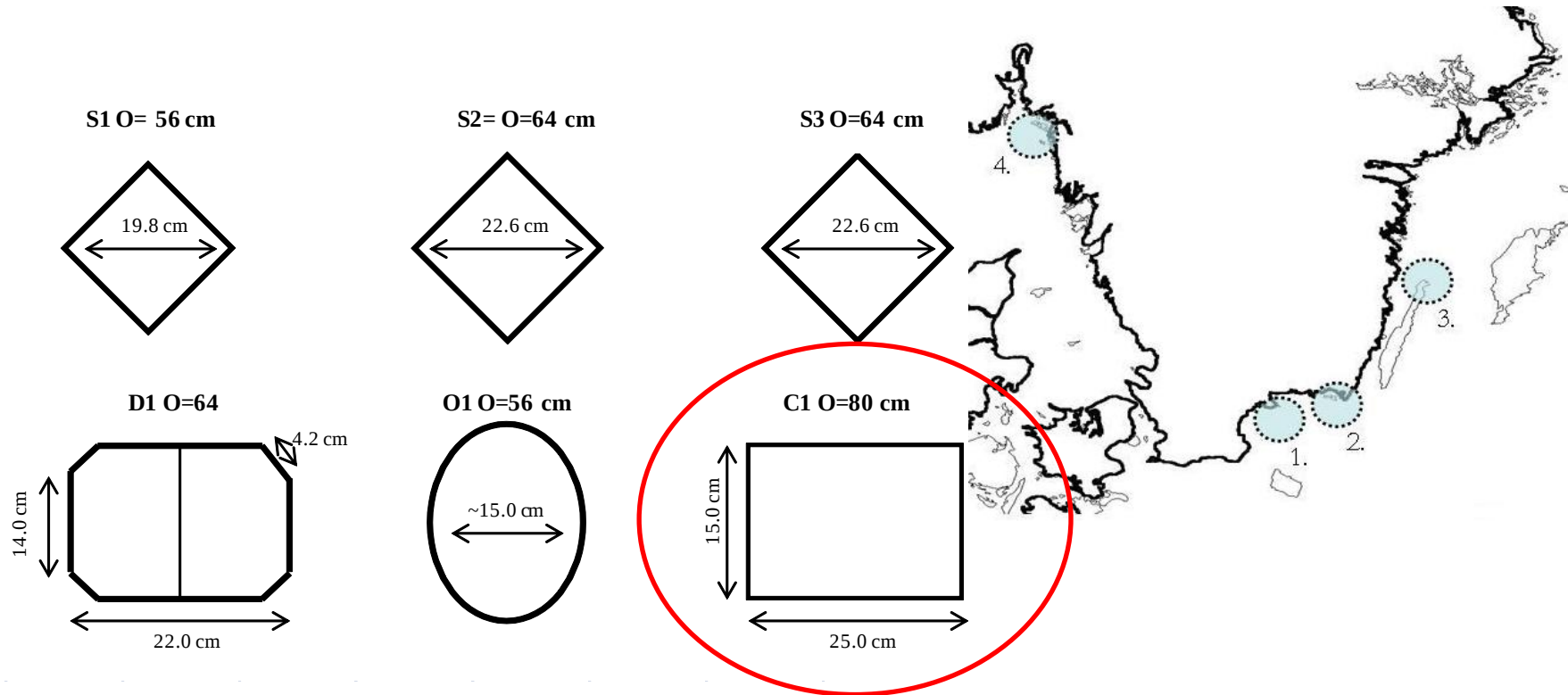
Environmental impact....

- * Ghostfishing ✓
- * By-catch of small cod ✓
- * By-catch of seals



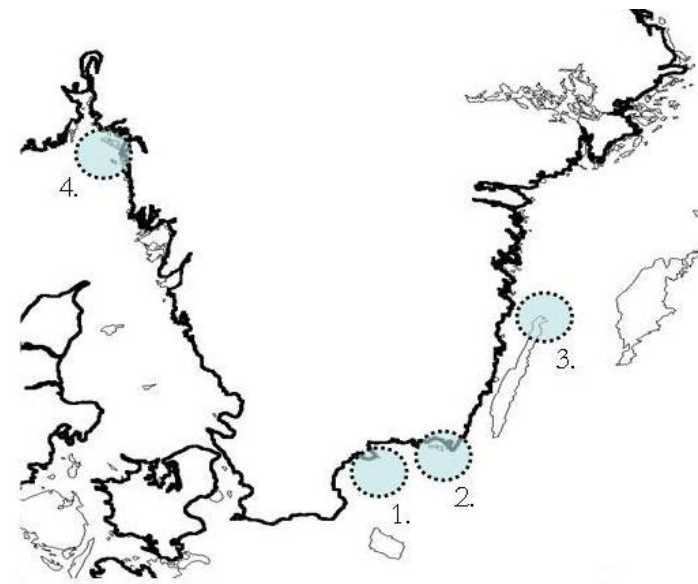
Reduce bycatch of marine mammals with SED

"Seal excluder device"



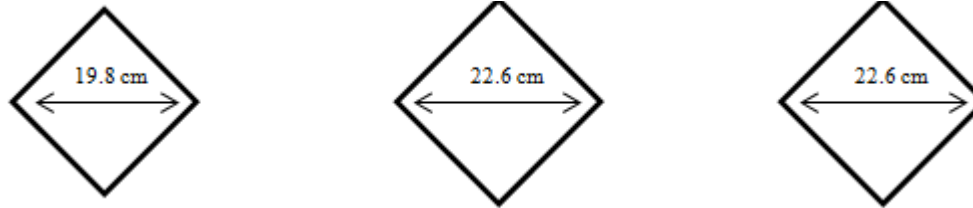
Entrance circumference in control **C1** pots 80 cm
Entrance circumference in SED 56-64 cm

By-catch of seals

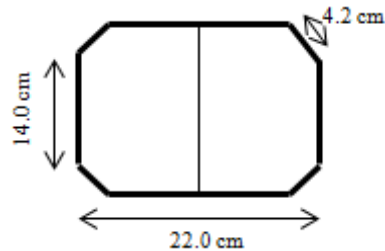


Area	Control		SED (Total)			SED (56 cm)			SED (64 cm)		
	No. of pots	No. of seals	No. of pots	No. of seals	P	No. of pots	No. of seals	P	No. of pots	No. of seals	P
1.	8844	4	1020	0	*	444	0		576	0	
2.	1899	8	952	0	*	464	0	*	488	0	*
3.	260	4(5)	144	0	*	68	0		76	0	
4.	164	9	180	0	*	90	0	*	90	0	*
Total	11167	26	2296	0	*	1066	0	*	1230	0	*

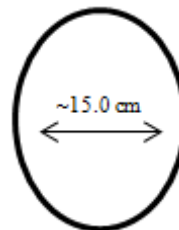
SELECT method: comparing the proportion of the catch at each length interval



S1, S2, S3 significant lower catches



D1 no difference in catch



O1 significant higher catches

Conclusion

Yes, cod pots are an potential alternative to gillnets

Catch varies with season, distance to spawning, soaktime and slope

Selective catch when selection panels are used

No by-catch of marine mammals when SED's are used



More advantages.....

- No effect on sea floor
- Traps do not need to be emptied every day
- Catch every day
- Seal Safe
- Live catch
- Sea-farming opportunity
- Low ghost fishing impact

and disadvantages.....

- Not efficient all season
- Expensive fishing gear
- Bait needed
- Competition of fishing locations





Finally.....

Key to implementation.....

Live catch, high quality + An sustainable and ecological fishery



Higher catch value

