

An overview of small-scale fisheries in the Northern Portuguese Coast

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BACKGROUND

Artisanal fisheries play a major economical and social role in the Northwestern Portuguese Coast

Small vessels (<10 m) comprised 70% of the fisheries licenses (INE, 2019)

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- ✓ management and conservation of the biological resources of the Northern Portuguese Coast
- ✓ integrate scientific data and local knowledge from fishermen communities, towards a participative management plan

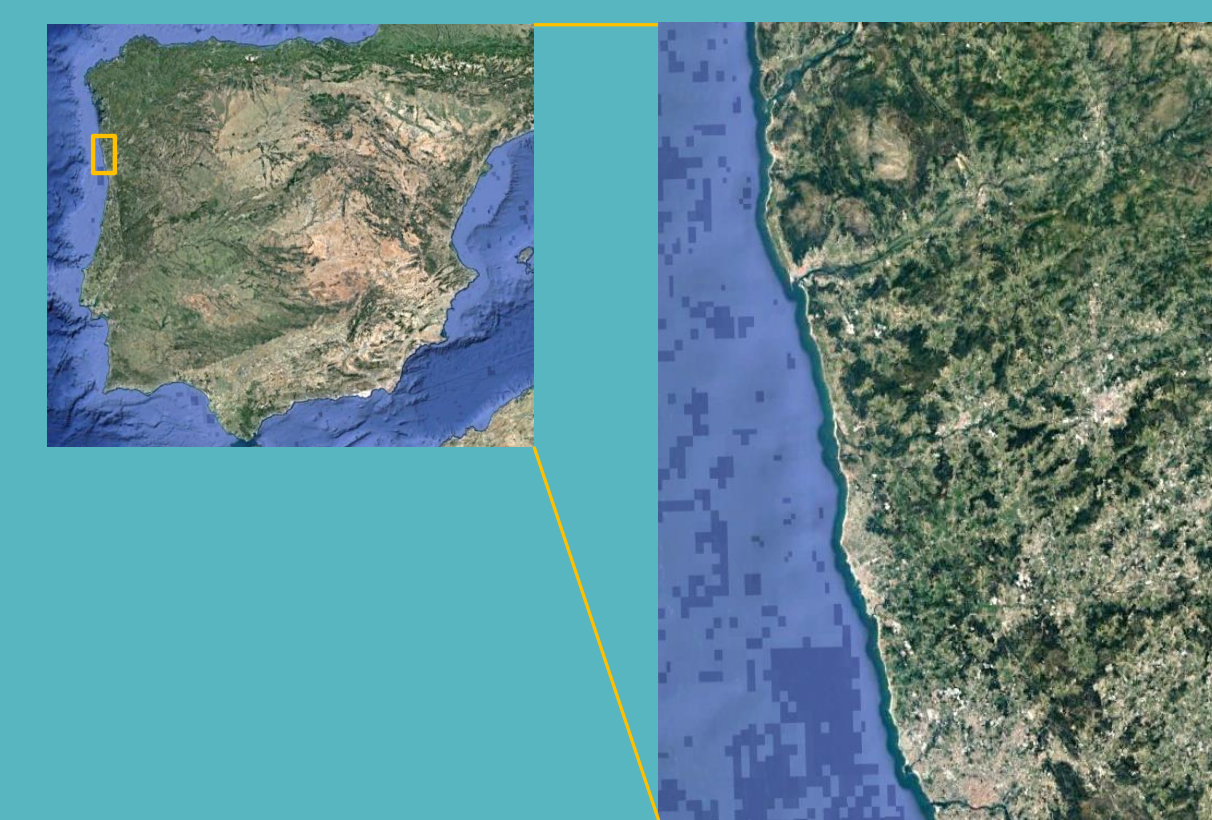
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METHODS

Literature review on local fisheries in the NW Portuguese Coast over an 80 km coastal stretch, from Caminha to Matosinhos

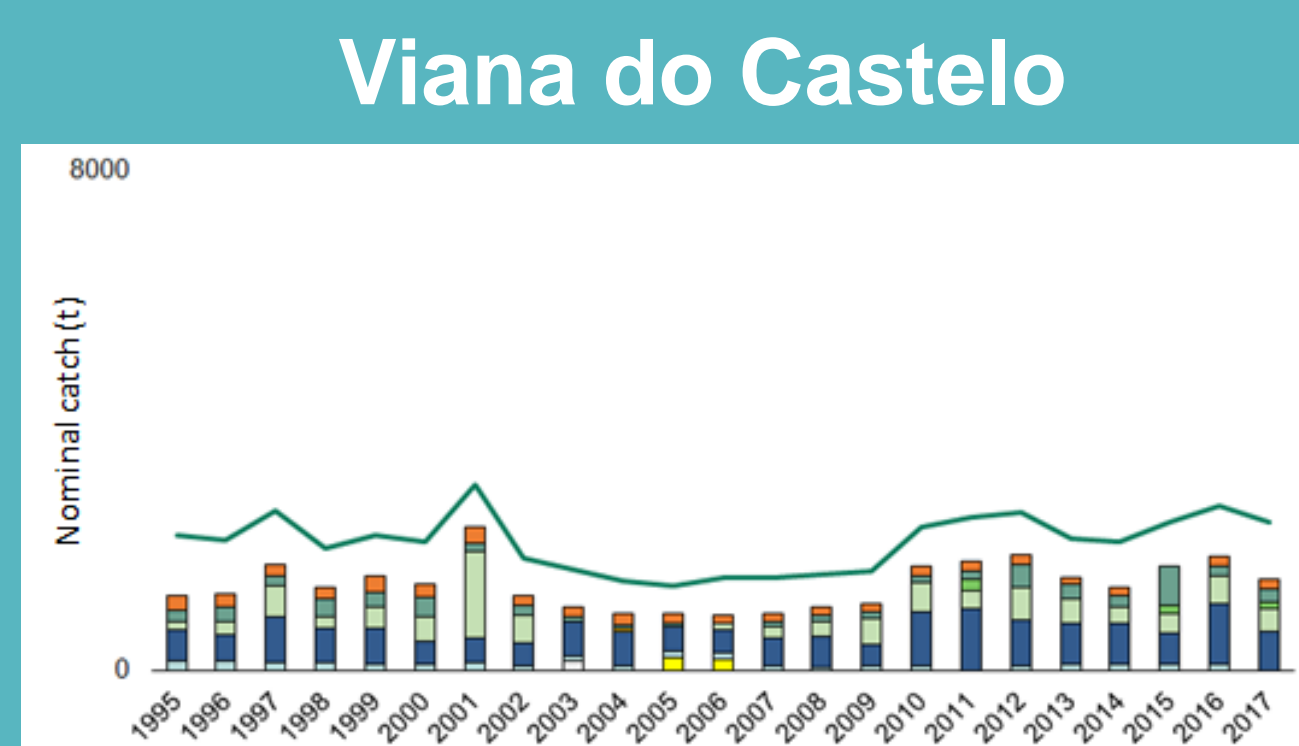
- ✓ Main fishing gears and target species
- ✓ Temporal trends (1995-2017) of the nominal catch in the main fishing harbours **Viana do Castelo**, **Póvoa do Varzim**, and **Matosinhos** (INE 2019)

The NW Portuguese Coast



MAIN RESULTS

Total nominal catches and main species landed in the Northern Portuguese Coast

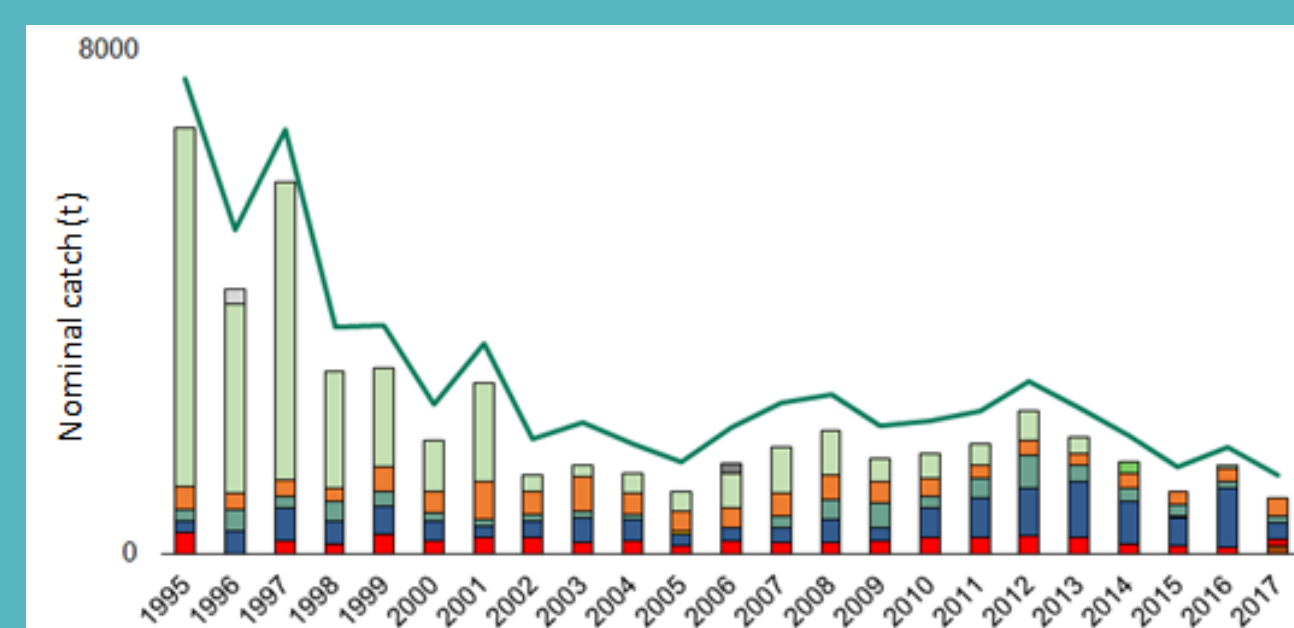


Octopus *Octopus vulgaris* (565±188 t)

Sardine *Sardina pilchardus* (334±275 t)

Atlantic horse mackerel

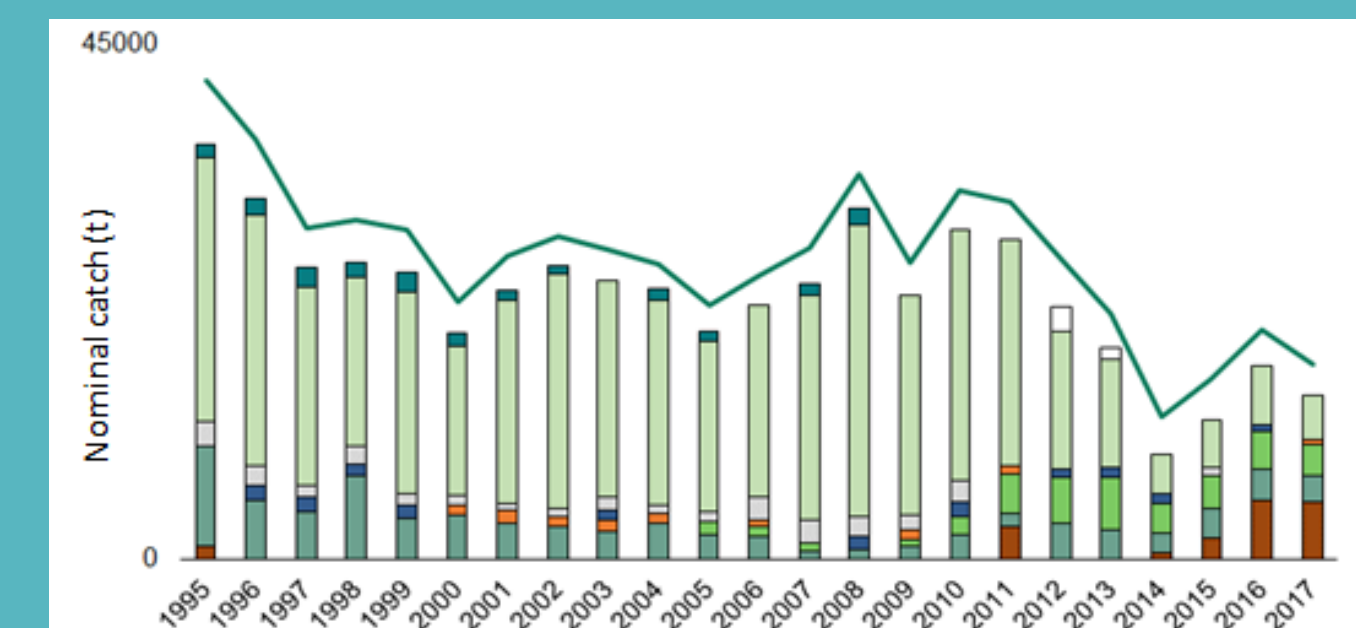
Trachurus trachurus (185±129 t)



Sardine *S. pilchardus* (1 056±1 499 t)

Octopus *O. vulgaris* (420±223 t)

Pouting *Trisopterus luscus* (308 ± 103 t)



Sardine *S. pilchardus* (15 608±6 476 t)

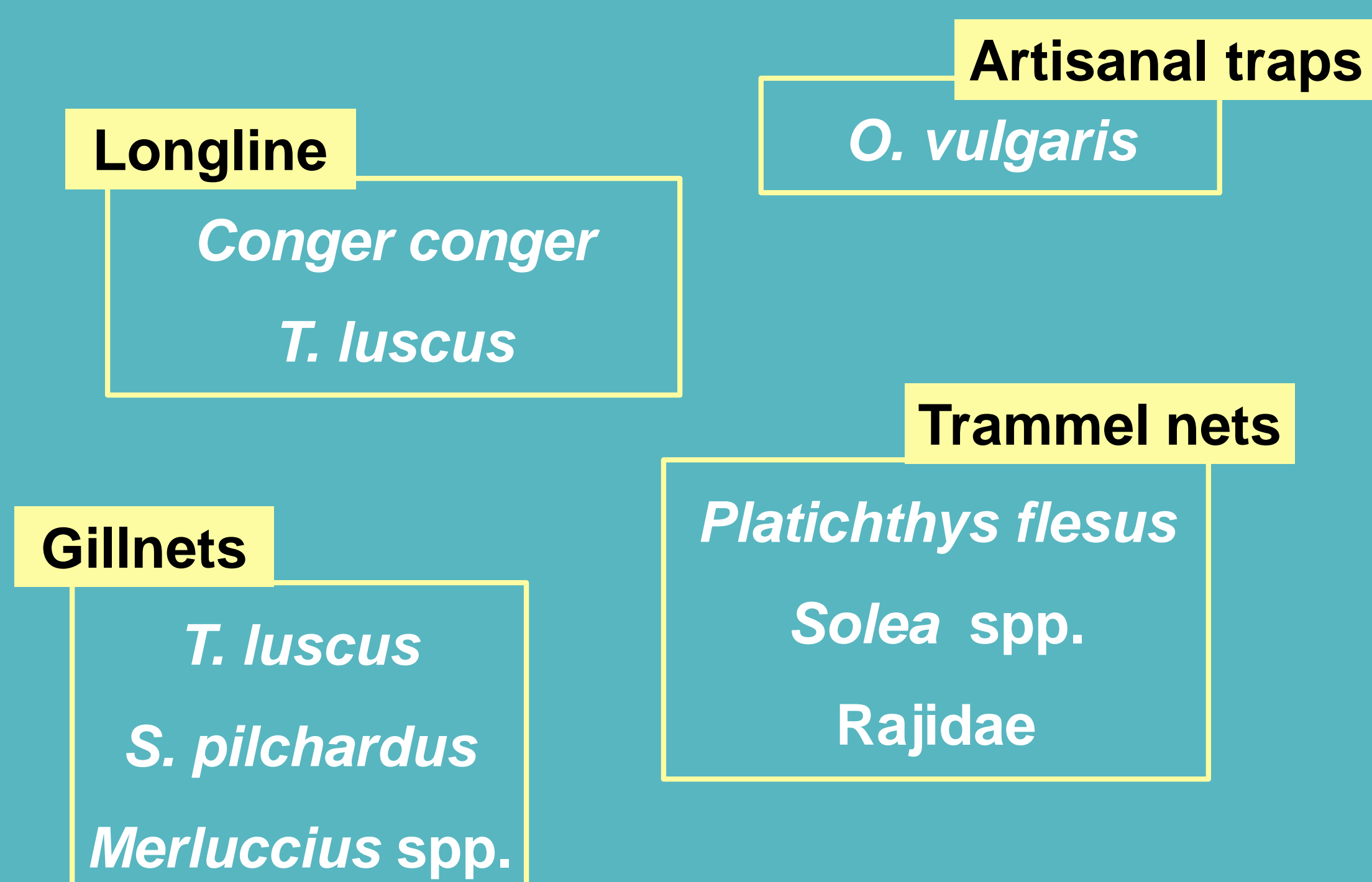
Atlantic horse mackerel *T. trachurus* (3 023±1 934 t)

Atlantic chub mackerel *Scomber colias* (1 336±1 468 t)

- ✓ The landings originated chiefly from multi-gear fisheries (81%)

- ✓ Main harbor in the Northern Portuguese Coast
- ✓ The landings originated mainly from purse-seine (73%) and multi-gear (18%) fisheries
- ✓ Purse-seine is mainly used for sardine and mackerel

Main artisanal fishing gears



THE NEXT STEPS...

- ✓ Ascertain spatial and temporal trends in the use of artisanal fishing gears in the Northern Portuguese Coast.
- ✓ Integrate this information with the biology and ecology of the main targeted species, and local knowledge from fishermen towards co-management of the biological resources of the Northern Portuguese Coast

References

INE (2019). Estatísticas da Pesca. https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_publicacoes&PUBLICACOESTipo=ea&PUBLICACOEScoleccion=107656&selTab=tab0&xlang=pt. Lisboa, Portugal: INE, Instituto Nacional de Estatística.

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