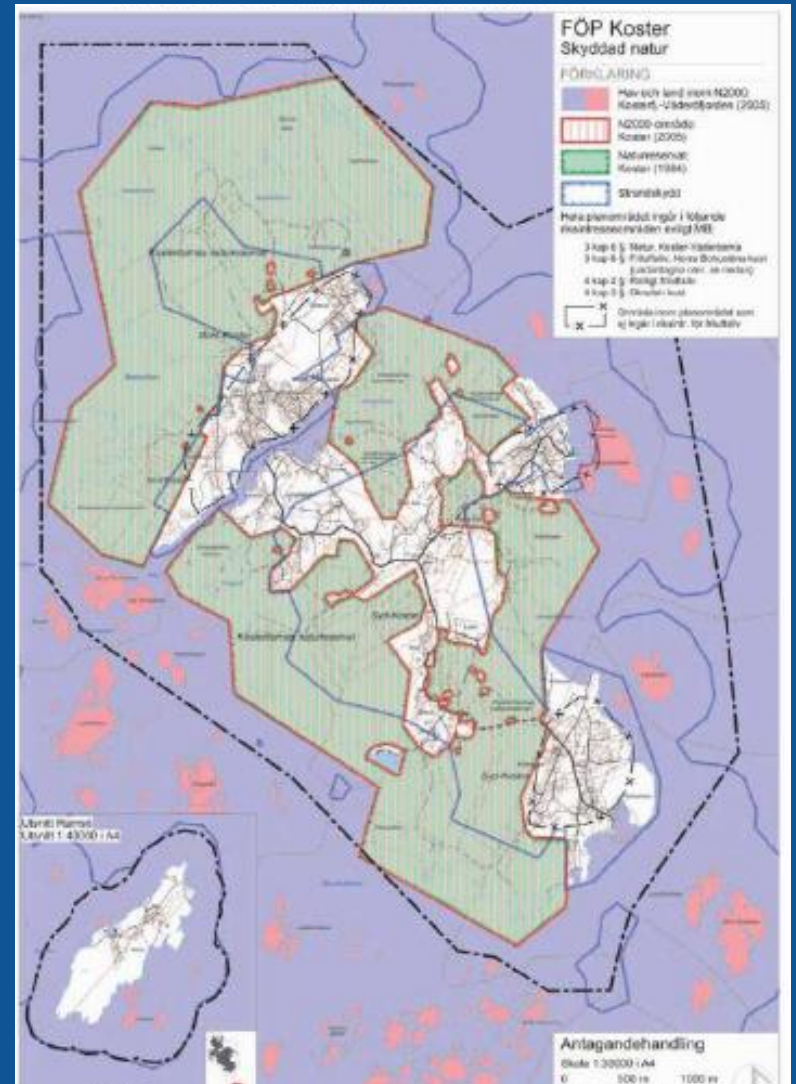




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# Economic Benefits of Marine Protected Areas (MPAs) and Spatial Protection Measures (SPMs)



*Study financed from the  
European Maritime and  
Fisheries Fund*



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**Literature review:**

**627 studies**

**94 fulfill evidence  
robustness criteria**

**15 CBAs**

*Figure 2. Location of case studies within European regional seas*



# Do fisheries benefit? Which fisheries?



# Maritime tourism and MPAs





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**Plemmirio:** MPA  
promotes dive tourism  
(450 divers in 2004;  
3000 in 2017).

**Isole Egadi:** 7 vessels  
authorised by MPA for  
fishing tourism.  
Circa €126,000 revenue  
for the 7 in 2017  
(fishermen diversify  
income in summer, when  
fish are few and tourists  
are many!)

**Swedish MPA  
Kosterhavet:  
500,000 visitors/yr.**



# Aquaculture – algaculture





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**Cyprus:** Creating artificial reefs as new fish habitat in a local MPA = € 1.28 million income for the engineering contractor; preparing the four reefs was full-time work for 20 employees over 5 months.

**Griend (Dutch Wadden Sea, UNESCO World Heritage Site, Natura 2000).** Engineering project with contract value of over € 2.5 million to enable continual nourishment of the island against erosion.

**Denmark: Laeso Trindel SAC** - € 3.8 million worth of design and construction goods and services to create an artificial boulder reef (restoring habitat type 1170, Habitats Directive).

# **Green jobs in the blue economy**

***Merely by functioning, MPAs can create jobs: 10 case studies, 97 employed by the studied MPAs to manage and administer.***

***MPAs procure environmental consulting services for ad hoc activities (monitoring, restoration)***

***Biodiverse MPAs are favoured research destinations. Report cites an MPA visited in one single year by 153 scientists & field workers from 28 different research teams. ⇒ local purchase of supplies, travel, lodgings, subsistence.***





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## Money and the MPA

**access fees for tourists**  
**levies on overnight stays**  
**mooring fees**  
**diving fees**

***annual licensing fees from  
entrepreneurs using the MPA***

**one-off permit fees**

***MPAs exploiting their own  
hotel/cafeteria/parking lots***

**MPA visitor centres, museums,  
guided tours**

### MPA self-financing rates

**Cabrera, Torre Guaceto 20-  
30%**

**Egadi 50%**

**Bonaire 90%**

A wide-angle photograph of a beach at sunset. The sky is filled with large, dark, heavy clouds, with a bright orange and yellow glow from the setting sun breaking through in several places. The sun's light reflects off the wet sand in the foreground, creating shimmering patterns. The ocean waves are visible in the distance, with white foam washing onto the shore. The overall mood is serene and dramatic.

**Thank you**

**@FelixLeinemann**