

# THE SUPPLY CHAIN FORMARINE PRODUCTS



#### **INSTRUCTIONS:**

Look for the interactive buttons and use them to explore the document.

**BEGIN** 





#### THE SUPPLY CHAIN FOR MARINE PRODUCT

The supply chain has three main components: fishers, buyers, and markets. Buyers with similar characteristics have been grouped together and each group belongs to one of three levels in the supply chain. The group's level is determined by the types of relationships it maintains, not by the number of relationships.



**Buyers that mainly buy product** from fishers and sell to other buvers.

An analyses of networks allows us to observe the complex relationships between different groups of buyers.

Groups of fish in different habitats have a different connection with the markets. This connectivity between species and markets is measured through fishers and buyers.

The majority of the buyers deal with different species from different habitats. These species can satisfy various demands.

**LEVEL 2 Buyers that purchase product from** fishers and other buyers and sell to buyers and different markets or consumers.



The final market is the type of demand for the product, for example, local, tourist, national or international.



Combining the analyses of networks with qualitative methods, a relationship between buyers and species, and final markets, was traced.



Buyers that buy product. from other buyers and sell to final markets or consumers.



**TO LEARN MORE** 

Figures do not correspond to real people.



#### **HOW ARE BUYERS CONNECTED?**

Observing the complex relationships between fish buyers in a given network can help us understand how specific species and fishers are connected to the markets that determine the demand for marine products in Baja California Sur. Understanding these relationships is important to estimate how easily the different stakeholders can adapt to changes in the market and environmental conditions, and what that means to the sustainability of fisheries. \*

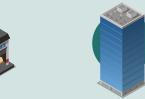


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DEMAND







**International** 

**National** 



LEVEL 3
Buys from buyers
and sells to final
market or
consumers







Level 2
Buys from fishers
and buyers and
sells to market,
buyers or final
consumers







Level 1 Buys from fishers and sells to buyers













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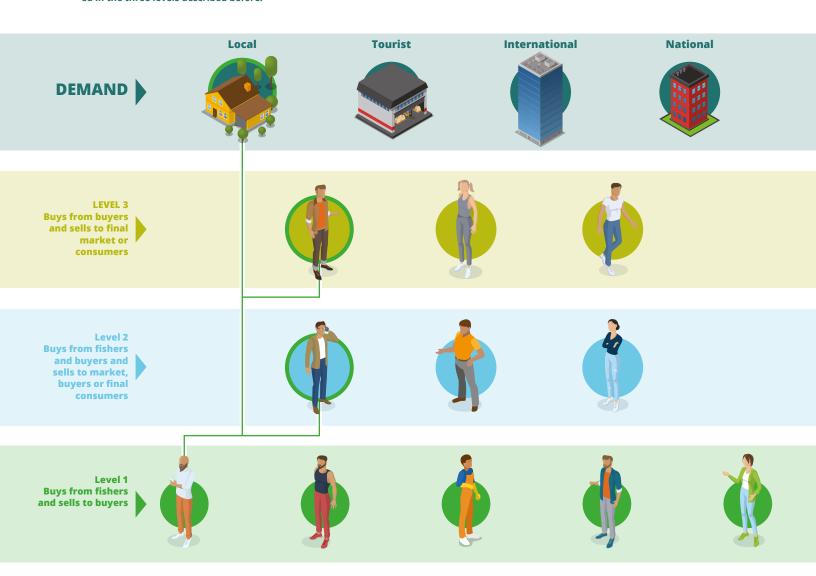


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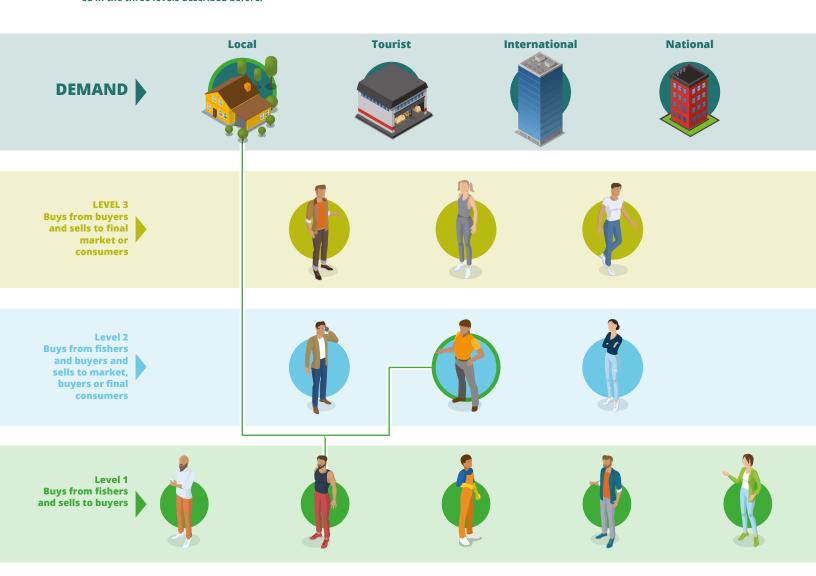


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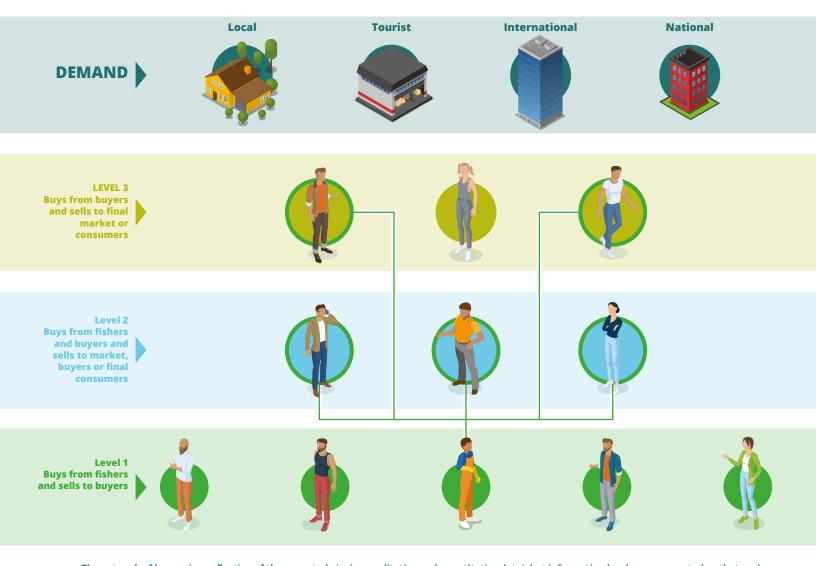


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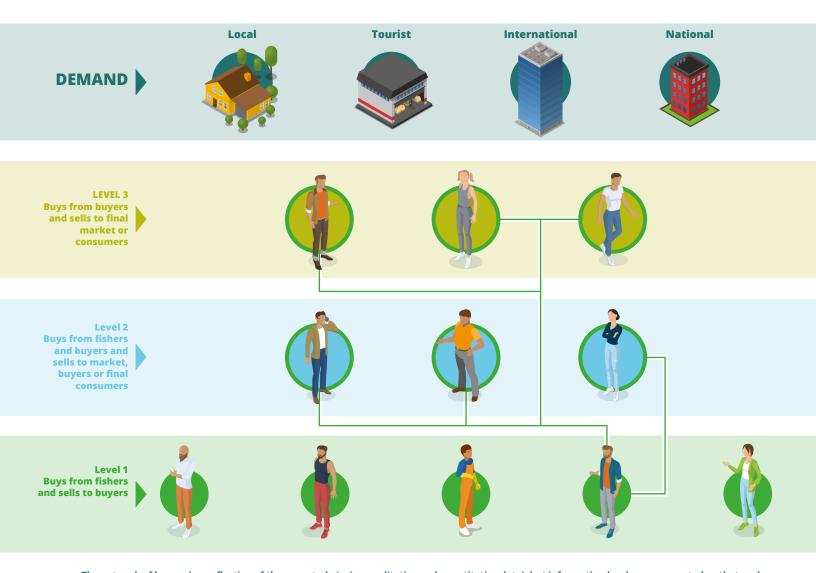


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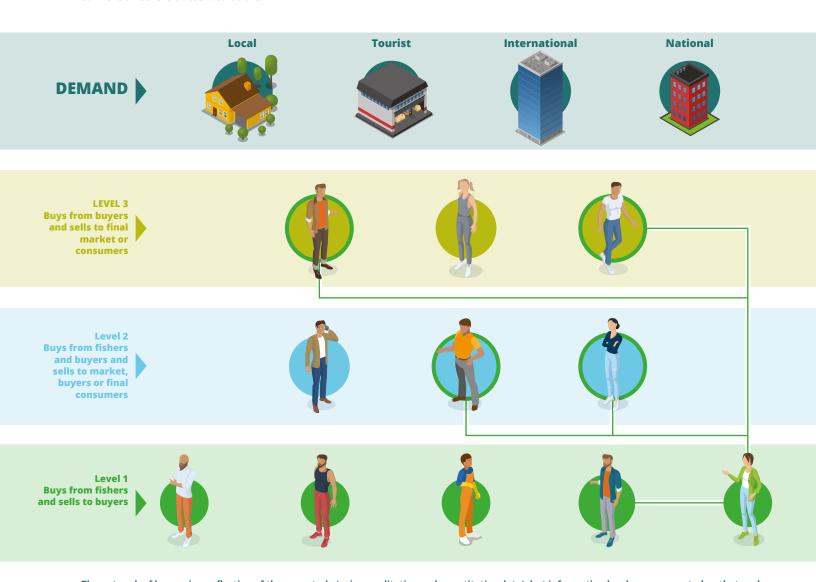


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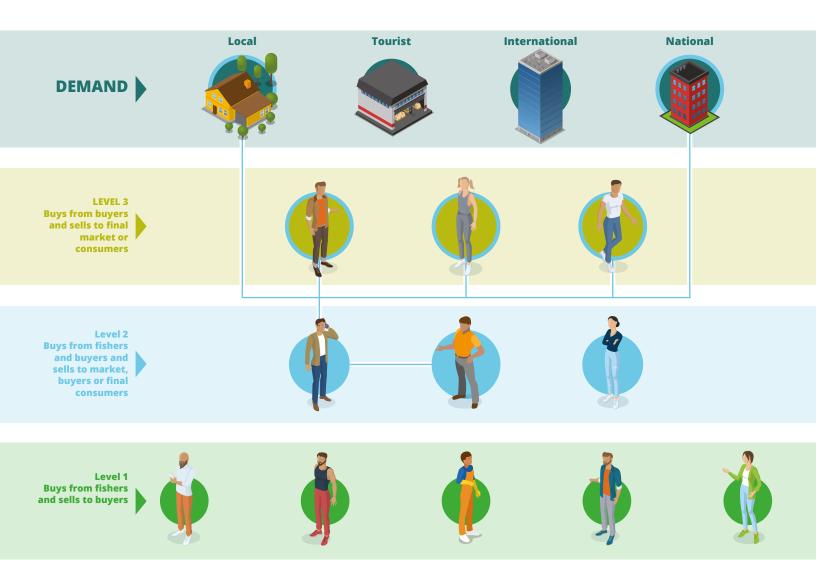


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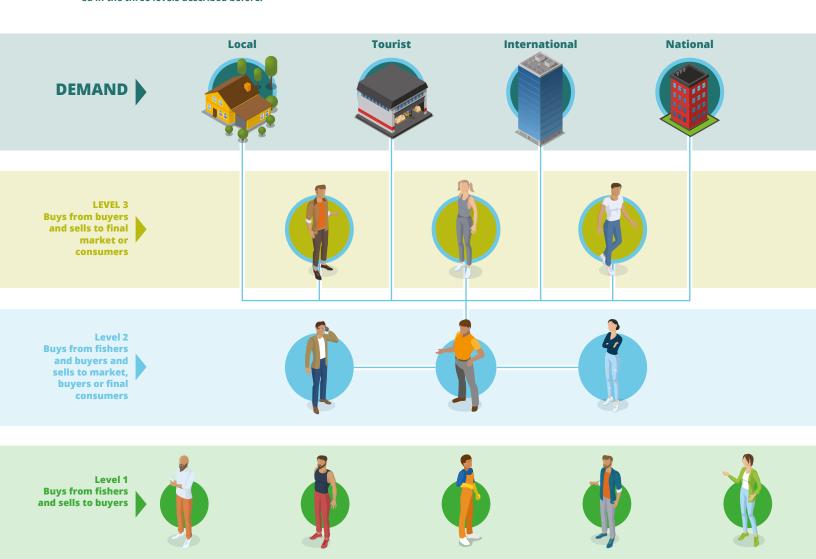


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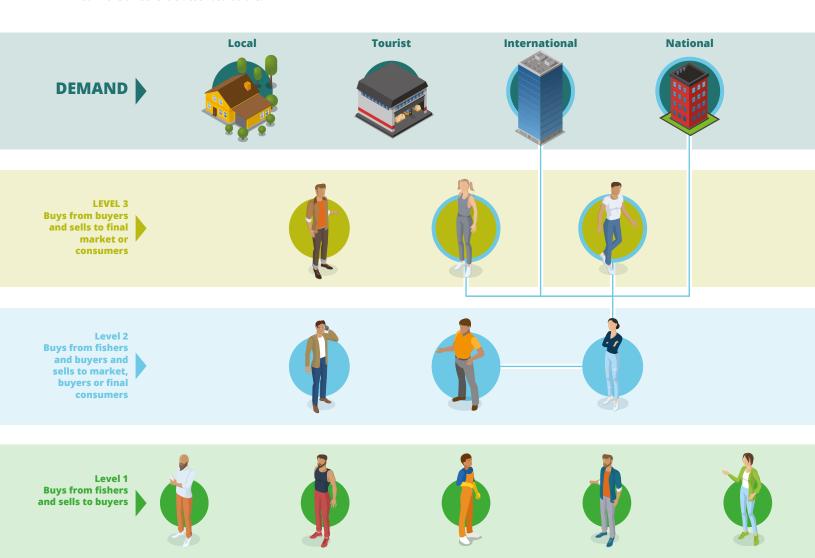


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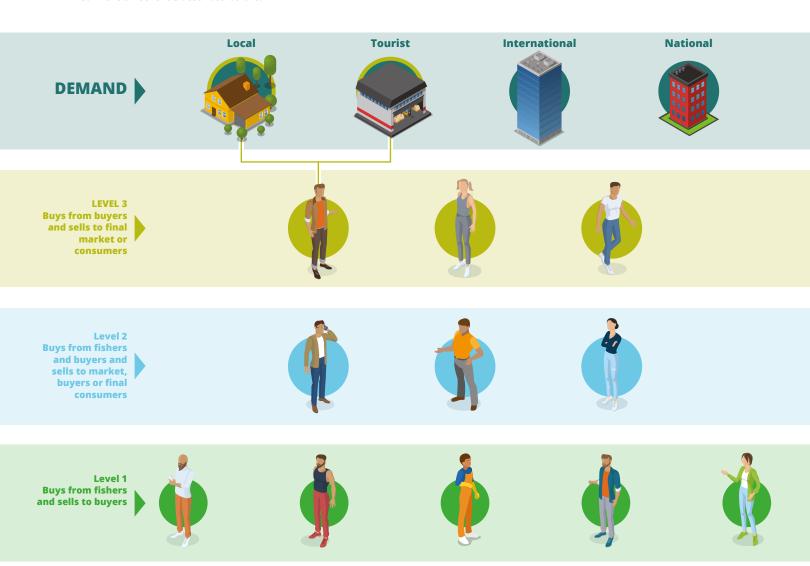


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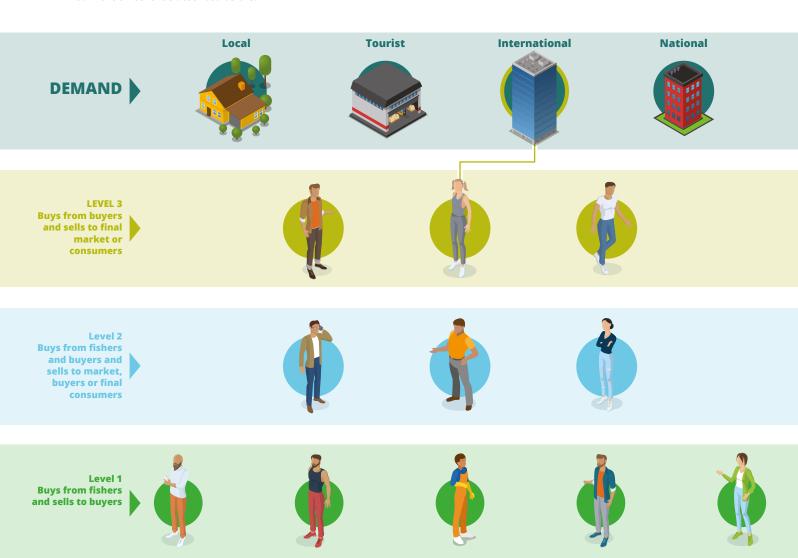


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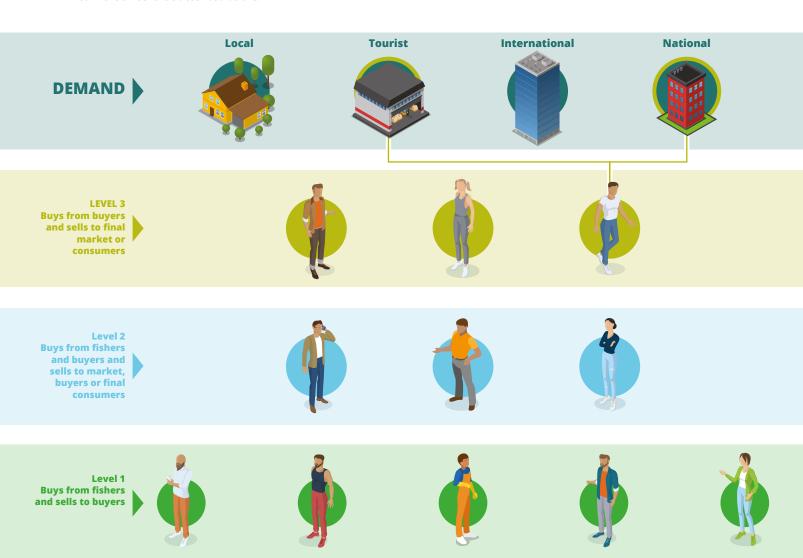


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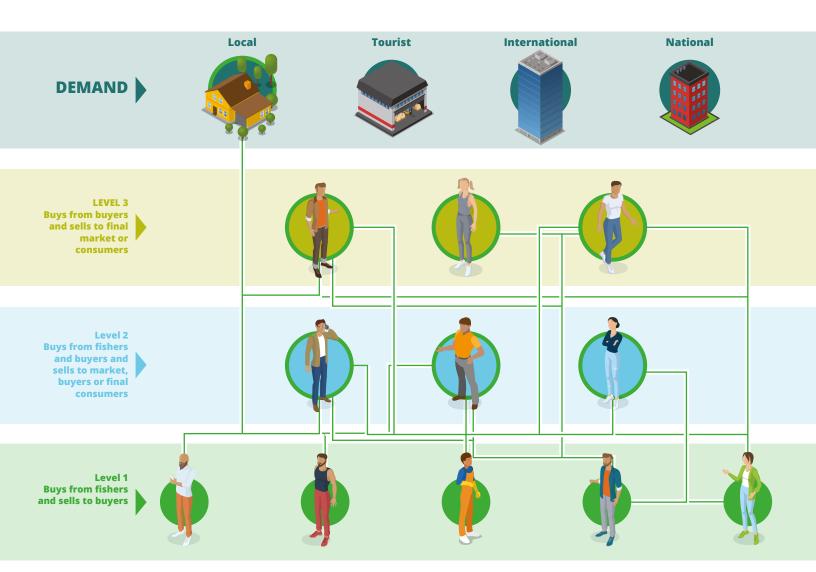


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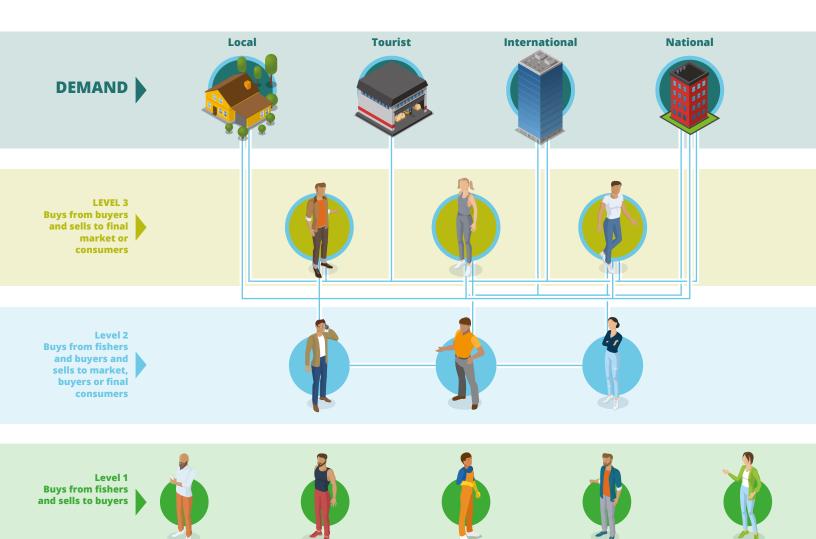


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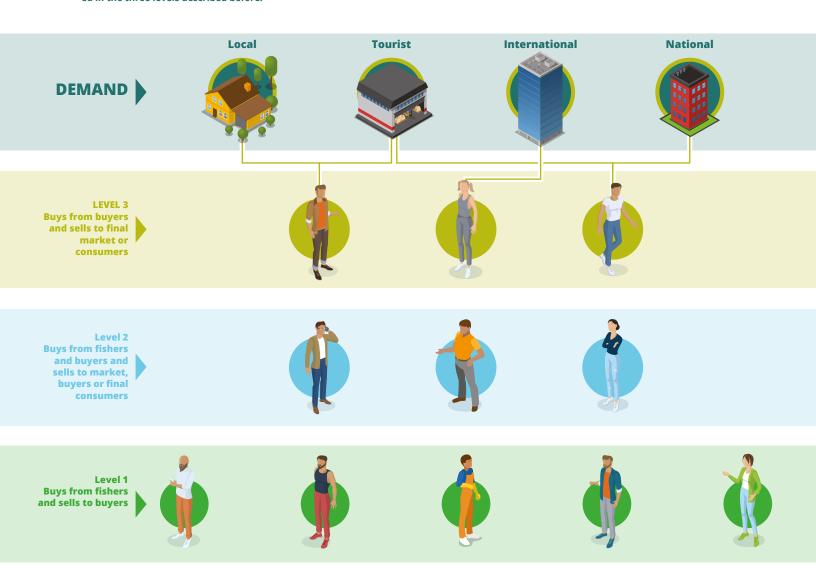


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# HOW DO WE RELATE THE HABITAT WITH THE DIFFERENT TYPES OF FISH DEMAND?

The diagram of the supply chain has fishermen, buyers, and markets as components. Fishermen fish different groups of species that we can associate with different marine habitats. Groups of species are sold to traders and end up in different markets according to their characteristics. The markets satisfy different types of demand, providing fish to local consumers, establishments destined to regional tourism, consumers in other Mexican states and consumers in other countries.

**REEF DEMERSAL SEA MOUNTS SAND DEMERSAL PELAGIC** The importance ranking and the target market are data generated in this study. The ranking of importance indicates the relative importance of each species for the fishermen included in this study, in terms of the number of fishermen that mentioned that group of species as the main target species. A maximum of 5 species per fisherman was included in a sample of 43 fishermen. The target market was obtained through interviews and participatory observation, and indicates the main destination for each group of species (for example, although the red snapper can be found in the local market), its main destination is the international market; its main destination is the international market). The association between species and habitat was obtained from Díaz-Uribe et al. (2017).

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1 2 3 4 5 6 7 8 9 10 Ranking of importance

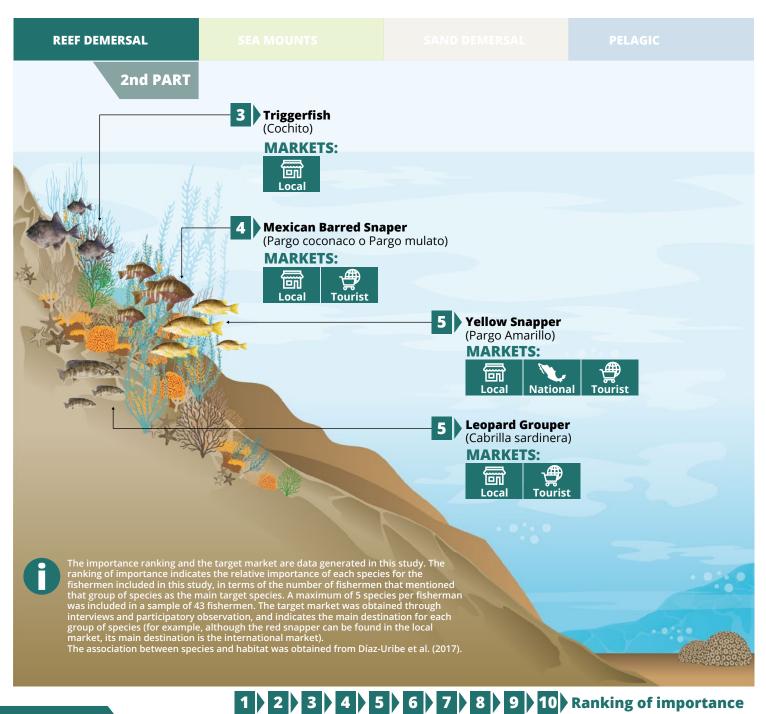
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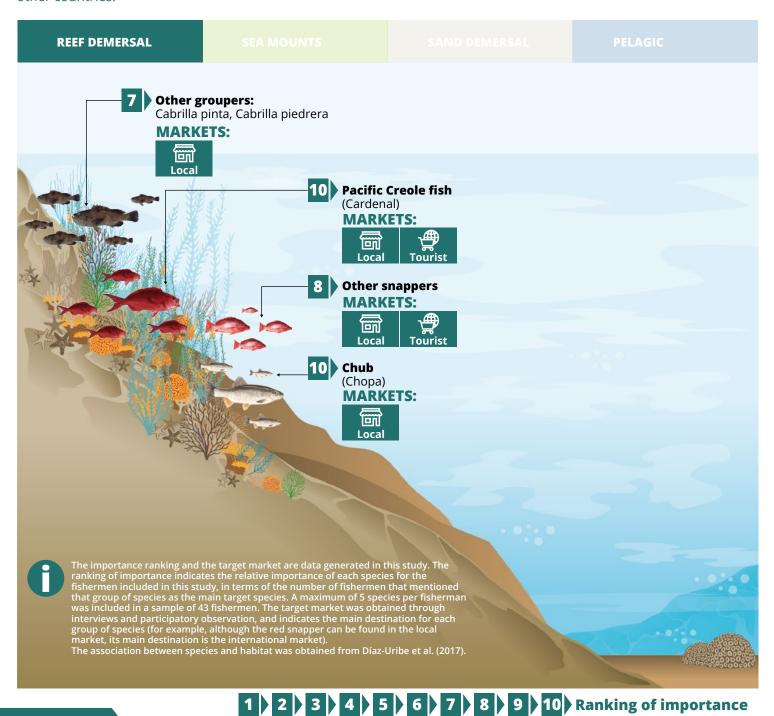
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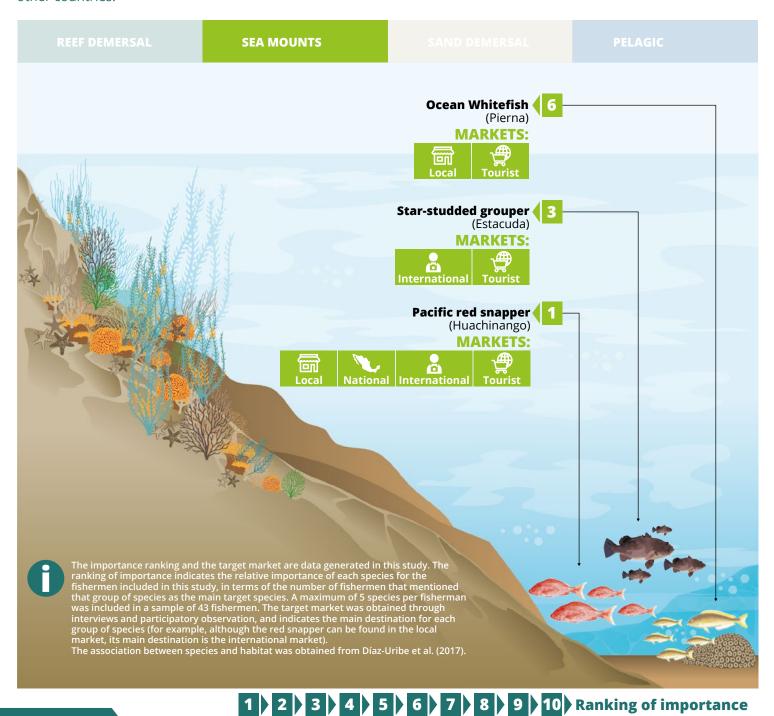
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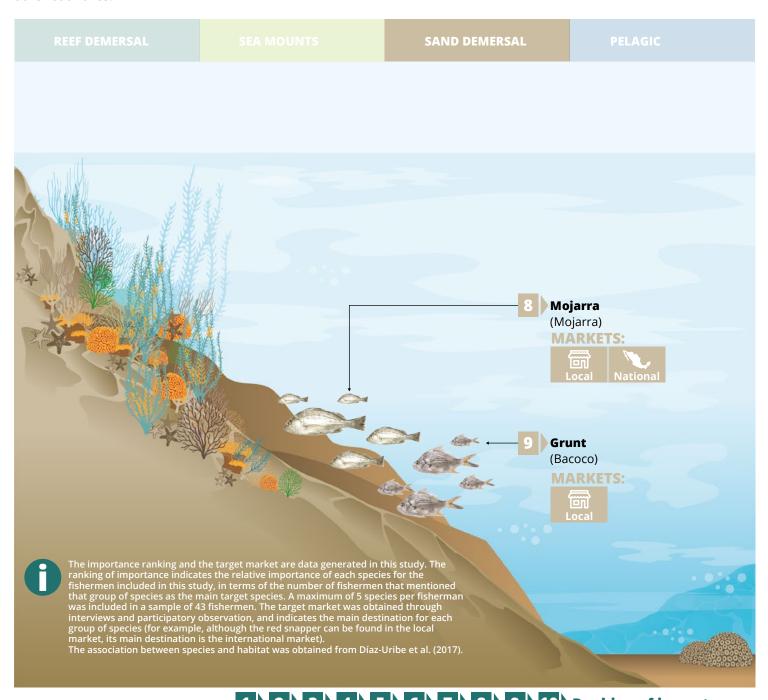


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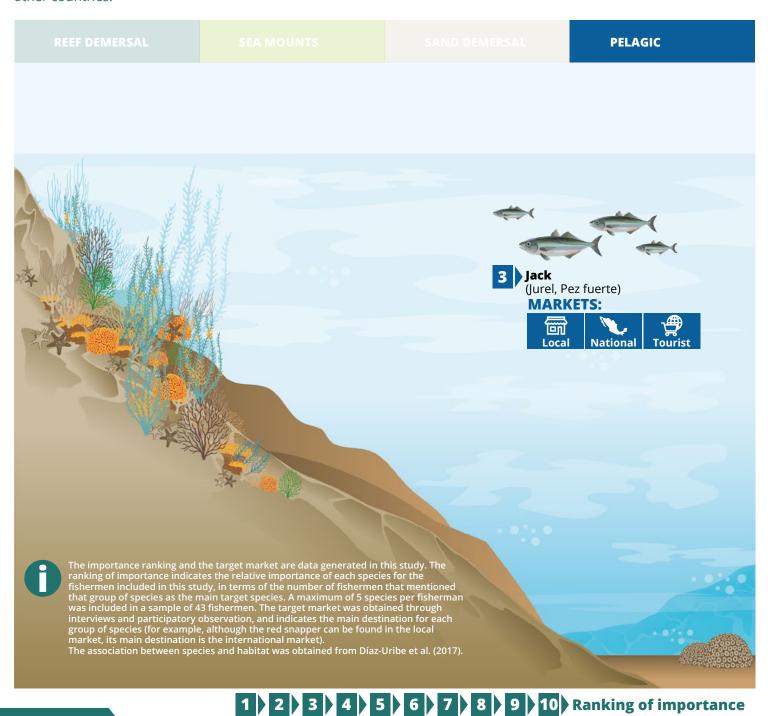
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