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Education for Sustainable Consumption: needs and game-based learning activities on marine fisheries in Primary education

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The Ecosifood questionnaire on evaluation of attitudes and impacts produced by fish ecolabels in the consumers was used to assess perceptions and use of fish labels information, to choose sustainable fish options, by students of a postgraduate teacher training course on research and innovation in early childhood and primary education. Results shown that postgraduate teachers perceptions on fish ecolabels, including environmental and social values of sustainable fisheries, are positives. However, most of them do not read the labels information in fishmongers and supermarkets before making their purchases, therefore not knowing whether they consume fish from sustainable fisheries or its procedence.

With the aim to provide teacher resources on sustainable fisheries for these Primary education teachers, game-based learning activities and resources linking environmental education, education for sustainable consumption and knowledge about small-scale fisheries of Asturias were design. This way, the activity Fishing for hits was designed including several independent task in the form of learning games (alphabet games, getting the concept, question games), each one aimed at learning different characteristics of marine biodiversity, marine natural resources collected in small-scale fisheries, the chain of consumption that goes from fishing boats to the purchase of fish by the consumer and the possible content of eco-labels.

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