Drillet et al., J Fisheries Livest Prod 2014, 2:2
DOI: 10.4172/2332-2608.1000118

Opinion Open Access

Opinions on the Sustainable Development of Aquaculture

Guillaume Drillet[1*], Nichole Chan[1], Zuzana Drillet[2], Angela Jane Foulsham[1], Alain Ducheyne[1], Hans S. Eikaas[1], Claire Schmoker[1], Benni Winding Hansen[3] and Rikke Lybæk[3]

[1]DHI-NTU Research Center and Education Hub, 1 CleanTech Loop, #03-05 CleanTech One, Singapore
[2]ZEnvironment SP, 222 Westwood Avenue, 08-10, 648355, Singapore
[3]Department of Environmental, Social and Spatial Change, Roskilde University, DK-4000 Denmark

cases, extensive management may become a source of high biodiversity [8] while abandoned farmed areas depict a loss of biodiversity [9]. By environmental impacts, we mean not only biodiversity shi as an exhaustive list of species present or absent from ecosystems but rather a combination of impacts on the environment and the society.

Aquaculture as a key industry supporting the economy is relatively new in some regions of the world. Interestingly, aquaculture is not perceived the same way in areas where it has had a long-term persistence as compared to areas where it has been limited to a few niche products responsible for small economy. is presents a good example showing how strongly we are a ected by our own perception whereby points of reference change over time and place, an important consideration when establishing a conservation baseline [10]. Extensively managed land farming habitats are recognized as socially important and are supported nancially in many countries because they are considered as a traditional, cultural, and natural heritage. We believe that aquaculture will also, in due time, be part of the 'conservation baseline'. However, in order to achieve such a standing, the industry rst has to prove that this food production is sustainable by ensuring that the environmental carrying capacity is not exceeded, causing de ned negative environmental impacts, and also by ensuring a good quality H7 1 r5 BT /481.961f 7P9(n)4(4i)12(nn)5(ur)-612(nd I)15-52m(ur)12(p)10