

A Preliminary Study of Constructing Ocean-based Biofuel Supply Chains in Korea

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Improving the efficiencies of biofuel production is an important issue. Once they are technologically matured, they should be implemented in various areas for public usage. Such introduction of biofuels in practice is another challenging task against already commercially matured competitors. Therefore the coordination in the most effective and cost competitive way is a new important technology that binding the entire facilities besides developing specific biofuel technologies for establishing the foundation for biofuel infrastructure. Some works have been carried out in the literature but they are mainly investigating the land based crops. For the small countries like South Korea, there should be different approaches from the existing land based energy supply chain studies, how to construct sea based biofuel supply chains and their supply chain management issues are discussed.