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**Field of Study:** Energy And Earth Resources (MS); Chemical Engineering (BS)

I am conducting a thesis research in the evaluation of the renewable island initiatives in Indonesia. Three isolated islands have been selected for this research based on their significant economic importance with low social welfare and minimum infrastructure available. It is hoped that this initiative could support both economic and social growth in those islands while promoting more efficient use of energy. Energy mix of each island will be evaluated and economic assessment will be conducted to evaluate whether sustainable energy practices are possible in those islands to satisfy the contrasting energy demand and achieve the economic and social welfare.

This conference is a great opportunity to expand both my networking and knowledge in energy sustainability by meeting influential figures and discovering further about energy efficiency programs. Moreover, my thesis is related to renewable energy implementation for regulation decisions, grid connection, and electricity for the low-income residential and small business, which are the some focus in IEPEC discussions. There are also some workshops in energy management that are beneficial for improving the technical and economic approaches I will use in my thesis. For instance, this conference highly supports my thesis research and marks my career in sustainable energy industry