Business Transformation & Solution Engineering (BTS) Project for GIZ

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GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) and Siemens have undertaken a feasibility analysis for promoting electric mobility alongside with renewable energy development for the island of Saint Lucia in the Caribbean. A workshop with the main stakeholders has been undertaken and Saint Lucia has been identified as a very suitable place to promote electric mobility as the island isn’t affected by the ‘Achilles heel’ of electric mobility as in other parts of the world, i.e. range anxiety. The vast majority of EVs (electric vehicles) sold worldwide based on today’s technology, have more than enough range to drive around the island on a single charge.

As a key result from the workshops, all stakeholders agreed that electric mobility should be pursued by Saint Lucia to achieve the following primary goals:

- Reduced consumption of fossil fuels and independence from fuel imports
- Efficient and affordable public transport
- Developed sustainable transport as part of an eco-tourism product and in the long-term reduction of emissions.

The work as been actively supported by GIZ’s REETA renewable energy support program for the Caribbean and CARICOM (Caribbean Community).