



# TRINIDAD & TOBAGO

## LIGHT EMITTING DIODE (LED)

### LED LIGHTS

A global trend in lighting has been the use of LED lights as a replacement for incandescent and compact fluorescent bulbs in residential, commercial, industrial and sporting applications. LEDs consume up to 10 times less power than incandescent lights and up to 2 times less power compared to fluorescent lamps and they have a life span of 50,000 hours (approximately 15 years) or more.

Trinidad and Tobago offers a suitable location to manufacture part or all of the components of LED bulbs leveraging on several key factors including:-

### CHEAP ENERGY COSTS

For energy intensive processes, such as manufacturing, these cost savings would be highly attractive. With an industrial energy cost from approximately US\$0.03 per kWh (as at 2014) it is 50% the US costs of \$0.06 and well ahead of energy exporters like Peru, Malaysia and Brazil (around US\$0.07), and one-third the costs in China.

### RAW MATERIALS

Availability of Raw Materials needed in the production of LED lights (such as aluminium) is available in Trinidad and Tobago and/or nearby countries such as Guyana and Barbados. It may also be sourced from nearby countries in South America

### LABOUR RESOURCES

Trinidad and Tobago has a highly skilled workforce in the areas of Mechanical, Civil, Chemical and Electrical Engineering within already well defined sectors like Oil and Gas, Construction and Manufacturing. There is also the presence of tertiary level institutions which provide programs in Engineering, Construction, and Renewable Energy.

### GOVERNMENTAL SUPPORT

Strong support from the Government of Trinidad and Tobago has been offered thus far in the form of tax incentives and it has encouraged the popularity and use of the renewable and efficient energy source.

## OPPORTUNITY

China currently dominates the global LED market, however Trinidad and Tobago offers an opportunity for the location of an LED manufacturing operation.

Individual or integrated operations for making the LED Package and/or the Bulk Materials may be established with the advantage of close proximity to major markets such as the United States and Central and South America.



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**FOR FURTHER INFORMATION ON THESE AND ADDITIONAL INVESTMENT OPPORTUNITIES PLEASE CONTACT US:**

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