



RTA Green Economy Framework

Case Study/
Advisory



Country	Dubai, United Arab Emirates
Client	RTA
Duration	September-April (2015)
Staff Count	8

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



DESCRIPTION OF THE PROJECT:

This project aimed to establish a green economy and low carbon development framework for the Roads and Transportation Authority, in order to encourage its stakeholders to play a proactive and constructive role in supporting the enhancement of energy use and a local green economy in a structured manner.

DESCRIPTION OF THE SERVICES PROVIDED:

- Training Needs Analysis (TNA)
- Competency development plan (CDP)
- Identification of green economy knowledge materials
- Awareness workshops and training
- Train the Trainer Program (TTP)
- Compliance support

IMPACTS REALIZED

- Identifying RTA as a heavily invested party in achieving Dubai's Vision 2021
- Improved customer satisfaction
- Enhanced image and reputation among the stakeholders
- Increased internal capability and sustainability awareness
- Improved environmental performance and tracking

DESCRIPTION OF THE APPROACH:

1. GAP ANALYSIS

- Identifying the Future State of Energy & Green Economy (E&GE) within RTA based on the project objectives.
- Reviewing and analyzing the information on the RTA E&GE current situation.
- Identifying the gaps in the existing system.
- Identifying how to bridge the gap between the future state and the current situation.

2. BENCHMARKING AND REVIEWING INDUSTRY BEST PRACTICES 3. CARBON FOOTPRINT

- Defining organizational and operational boundaries
- Identifying GHG sources
- Selecting the calculation approach and tools for carbon emissions
- Relevant data collection and analysis
- Calculating the emissions
- Establishing GHG reporting

4. MONITORING, REPORTING, & VERIFICATION.

- Detailed RTA carbon footprint report based on the ISO 14064 method, including the carbon emission baseline, the methodology used to calculate the baseline, and the carbon footprint excel calculator.

5. DEVELOPING A METHODOLOGY TO IDENTIFY AND IMPLEMENT THE GREEN INNOVATION.

- Developing a screening process for the identification of green innovation activities
- Creating an action plan for the implementation of green innovation measures
- Establishing a methodology to encourage and capture the RTA's green innovative research, initiative & project
- Establishing a rewarding scheme for green innovation based on RTA's rewarding & innovation policies
- Identifying RTA's Energy & Green Economy impact at the emirate level
- Developing a green innovation model for RTA

6. REVIEWING AND UPDATING OF RTA STRATEGY.

7. IMPLEMENTATION OF RTA GREEN ECONOMY AND LOW CARBON FRAMEWORK