

Energy Cost Reduction Projects and Emission Asset Management

Introduction

What are ECRP's?

Projects done within industries that lead to reductions in energy costs and emission levels are referred to as Energy Cost Reduction Projects.

What are Emission Assets?

The tradable credits generated under any Cap and Trade scheme are referred to as Emission Assets. Since these credits can be traded freely in the national or international markets, they represent a unique and highly liquid asset class.

For example, under the proposed Indian Energy Efficiency scheme tradeable Energy Savings Certificates(ESCerts) would be generated by capping the amount of energy that can be consumed by

industries. CERs(Certified Emission Reductions) and REC(Renewable Energy Certificates) are other examples of emission assets.

How can you generate Emission Assets?

ECRP's lead to significant reduction in energy consumption and emission levels. Reduction below the benchmark levels under an existing Cap and Trade scheme result in the generation of Emission Assets in the form of credits.

Arcelor Mittal, the world's largest steel maker, has been able to generate a billion pounds worth of credits under the existing European Union Emission Trading Scheme(EU ETS).

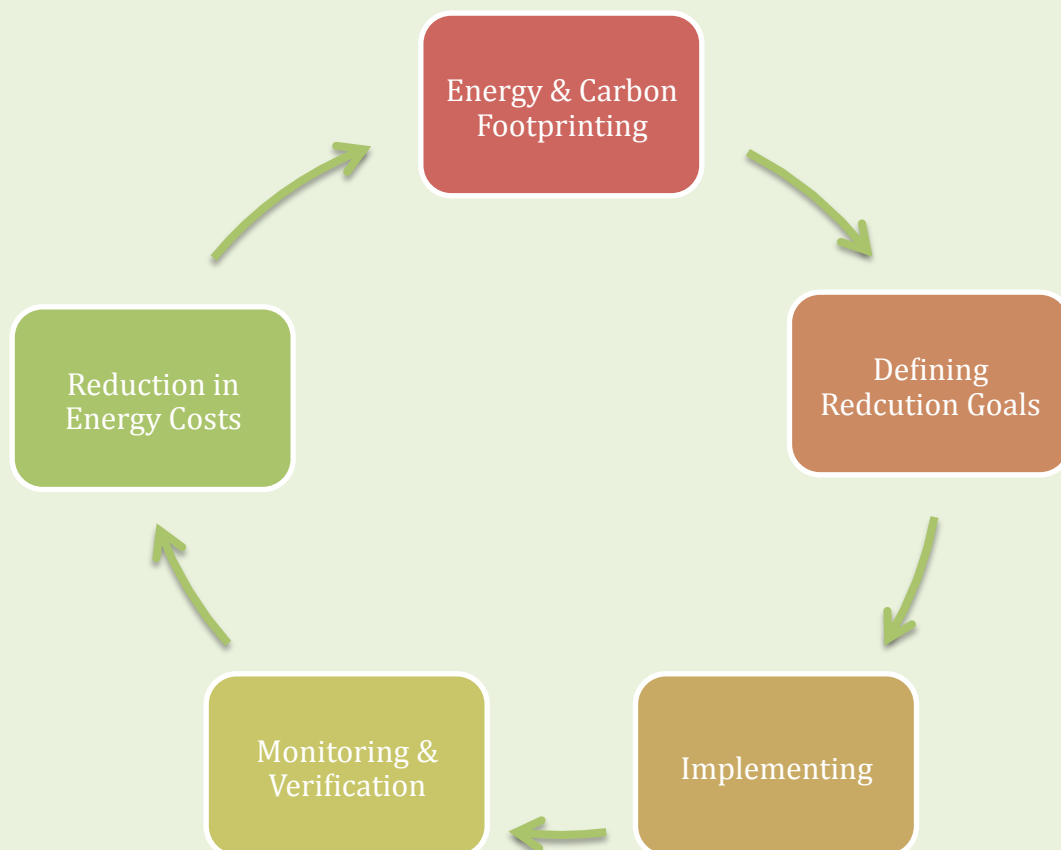


Fig.1 Energy Cost Reduction Projects

How can E-CUBE's Emission Asset Management Group (EMG) help your company?

E-Cube's Emission Asset Management Group (EMG) helps companies to hatch and implement strategies to help transition into energy efficient and a low carbon future while creating sustainable value for them and their investors alike.

EMG can help companies plan and implement, and at times co-develop, projects leading to substantial reduction in energy costs and emission levels.

Baselining

- EMG conducts a detailed audit of the energy consumption and emission levels, comparing them with relevant industry standards, based on the which preliminary reduction goals are identified

Feasibility & Planning

- For each of the potential ECRPs a Techno Economic Feasibility Report(TEFR) is prepared
- EMG makes a Detailed Project Report(DPR) for all of the selected ECRPs

Implementation

- EMG works with the client in the identification and selection of vendors and contractors for execution of the project
- EMG also helps create an extensive Monitoring & Verification plan so that clients can keep a track of the progress and the outcome of the project

Value Added Services

- EMG also forms a strategic partnership with clients for some of the projects where in it co-develops and invests in the projects

Fig.2 EMG Service Offerings

Contact Us



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