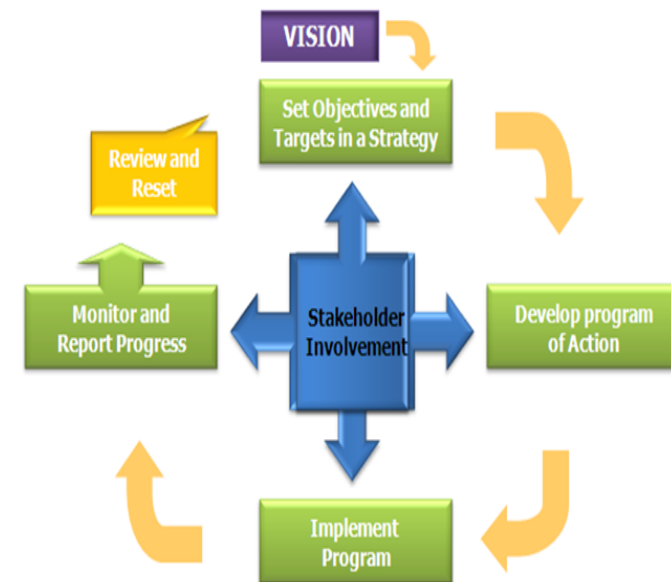




## CARIBBEAN SUSTAINABLE ENERGY ROAD MAP AND STRATEGY (C-SERMS)

The *Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS)* is being pursued to provide a **strategic framework** for implementation of the renewable energy (RE) and energy efficiency (EE) dimensions of the CARICOM Energy Policy.



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# Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS)

A central focus of the approved **CARICOM Energy Policy** is the promotion of a shift towards greater utilisation of sustainable energy sources or greater utilisation of the abundant renewable energy resources in the CARICOM Region, in conjunction with increased energy efficiency.

*The C-SERMS is a strategic planning, management and implementation framework towards the rationalised and expedited development of sustainable energy in CARICOM.*

*It is intended to be transformational in nature, providing all the requisite baseline RE and EE information for all CARICOM Member States, and is intended to support critical investment decisions and the establishment of targets.*

*It provides an umbrella framework under which the outputs of the contributions of all initiatives, both at the national and regional levels (being pursued by Governments or in collaboration with Development Partners), can be mapped and counted towards the achievement of set targets.*

## **A More Strategic Approach Is Necessary Because:**

- *RE penetration in the Caribbean is small, even though CARICOM countries, for approximately 40 years, have recognized the need to increase efficiency and diversify energy supplies using renewables towards improving their energy security.*
- *Focus and efforts have to a large extent been inconsistent.*
- *The approach has been piecemeal and stop-start based on the fluctuation of oil prices.*
- *Even though there has been some progress in last few years, generally, the progress of penetration of RE and EE is still limited.*

## **The Dimensions Of The Establishment Of The C-SERMS**

(which are not necessarily consecutive processes) are:

- **Baselining** of sustainable energy development in CARICOM (mapping of initial work, assessment of the policy framework, resource potential, capacity, analysis of the barriers and gaps, etc.);
- **Development of tools** for the effective development and implementation of the C-SERMS (adoption of harmonised energy management and planning tools; C-SERMS Platform); and
- **Establishment of targets and strategies** (iterative process) starting with RE targets in the electricity sector, and the development of projects, programmes and initiatives to address gaps and achieve targets.

## **C-SERMS FAQ (Cont'd.)**

### **HOW WILL THE C-SERMS BE IMPLEMENTED?**

The C-SERMS will be managed and steered through the **C-SERMS Platform** (broad-based, multi-sectoral group) and decisions will be made through the Council for Trade and Economic Development (COTED). Both Member States and the CARICOM Secretariat will be responsible for its implementation.

### **HOW DOES THE C-SERMS AFFECT MEMBER STATES' BILATERAL ENGAGEMENTS WITH DEVELOPED COUNTRIES AND OTHER PARTNERS TOWARDS SUSTAINABLE ENERGY DEVELOPMENT AT THE NATIONAL LEVEL?**

Member States can pursue bilateral engagement with Partners as deemed necessary, however, the C-SERMS framework seeks to assist in identifying areas for regional level engagements which will support national efforts and allow for greater impact. In this regard, Member States are encouraged to collaborate and engage in multi-country projects and initiatives, where feasible.

### **HOW DOES THE C-SERMS RELATE TO SIDS DOCK, SE4ALL, GREIN AND OTHER SE INITIATIVES?**

CARICOM targets will be set in the C-SERMS framework and linked into the SIDS DOCK. Tracking, monitoring and timely adjustments to the strategies and targets will be done through the tools of the C-SERMS, viz, C-SERMS-P and Energy Balance and Planning Framework. The C-SERMS will be coordinated with all other Initiatives at the regional and international levels.



## C-SERMS FAQ (Cont'd.)

### HOW WILL THE C-SERMS BENEFIT CARICOM STATES?

The C-SERMS will:

- **Encourage** each Member State to set ambitious RE and EE targets, and develop a National Energy Strategy, thereby establishing regional commitment and accountability for RE and EE;
- **Expedite** the pace of implementation of RE and EE initiatives in Member States, based on a broadening of commitments within the Region;
- **Assist** with mobilizing resources (financial and technical assistance) from the International Community based on regional level strategies;
- **Support** systematic assessment and the quantifying of RE and EE; and
- **Establish** harmonized tools in all Member States for diagnosis, analysis, tracking and accounting for progress towards the established targets.

### HOW WILL THE C-SERMS RELATE TO NATIONAL SUSTAINABLE ENERGY EFFORTS?

- Member States are free to pursue initiatives, projects and actions in line with their National Energy Policy.
- The main focus of C-SERMS is on regional level interventions, however, coordinated national level initiatives are contemplated towards greater impact and more optimal utilisation of resources.

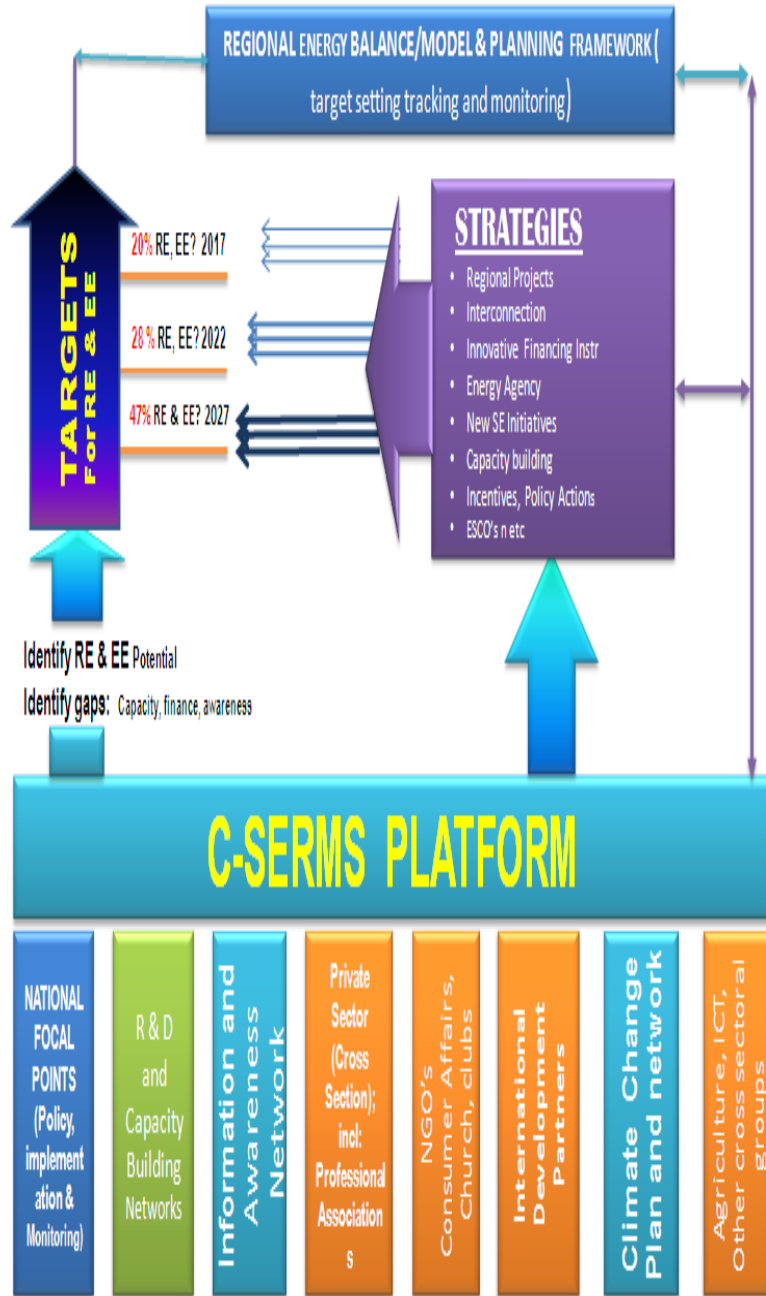
### WHAT IS THE SCHEDULE FOR IMPLEMENTING THE C-SERMS?

Phase 1 of the C-SERMS commenced in 2011 with support from the IDB and is on-going. Initial targets and baselines were completed in 2012. Phase 2 commences in 2013 with detailed RE and EE assessments and the development of tools. It is expected that Phase 2 will continue beyond 2013.

### The C-SERMS Will:

- *Establish goals and specific targets for the contribution of RE and Bioenergy (BE) to the energy mix and, for EE improvements in CARICOM;*
- *Reflect the ongoing efforts in sustainable energy developments in the Member States and regionally, and clearly identify gaps and strategies for bridging same;*
- *Identify and detail actions and strategies at the national, sub-regional and regional levels for the attainment of goals and targets, inclusive of inter alia, the policies, regulatory and legislative reforms needed;*
- *Detail the finance and institutional capacity necessary for the formulation of strategies and attainment of targets/goals;*
- *Provide a clear framework for focusing research, development and investment efforts in EE, RE and BE towards the achievement of policy goals;*
- *Communicate to stakeholders in Member States opportunities for sustainable energy investments, and the available and potential resources;*
- *Be developed (formulated and rolled out) and monitored through a broad based-platform of stakeholders from the public and private sectors, non-governmental organizations, energy sector and relevant non-energy sectors. It will include input from policy-makers, academia, energy experts and industry personnel;*
- *Delineate clear areas for support from the development community, multilateral financial institutions and other funding partners in the energy sector;*
- *Be designed as an updateable planning and management tool to define research and investment funding priorities within the Region;*
- *Take the form of a 'living' dynamic document which will evolve to reflect any changes over time in policy, markets, technologies and the priorities of Member States; and*
- *Form the basis for commitment on the part of each Member State towards a regional sustainable energy path.*

## C-SERMS PLATFORM CONCEPTUAL FRAMEWORK



## C-SERMS Platform (C-SERMS-P)

The development and implementation of C-SERMS will be led and facilitated by the widest cross-section of stakeholders through a **multi-stakeholder C-SERMS Platform (C-SERMS-P)**.

Given the diverse nature of the Community in terms of its resources, and national issues and priorities, it is critical that such a mechanism be implemented to ensure wide stakeholder input, so that the relevant decisions will benefit from maximum buy-in. This approach is also critical because of the cross-cutting nature of energy sector development issues and simultaneously seeks to address the general low level of private sector participation in the decision-making process of the Community. Finally, this mechanism is aimed at assisting the process of implementation by engaging key actors in the process of designing, adjusting and implementing strategies.

## C-SERMS FAQ

### WHAT IS C-SERMS?

Based on a mandate from the CARICOM Heads of Government, the **Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS)** is **CARICOM's Sustainable Energy (SE) strategic planning, management and implementation Framework** within the context of the **Regional Energy Policy**, through which Renewable Energy (RE) and Energy Efficiency (EE) targets will be established, tracked and monitored, and regional strategies developed and implemented to meet those targets. The C-SERMS therefore will form an overarching framework for coordinating and tracking all SE efforts at the regional level, while accounting for and supporting the efforts towards SE development at the national level.

### WHAT ARE THE ELEMENTS OF THE C-SERMS?

- **Baselining** of SE development in CARICOM;
- **Development** of tools for the effective development and implementation of the C-SERMS; and
- **Establishment** of targets and strategies, and the development of project and initiatives.