



EC Provincial Renewable Energy and Energy Efficiency Sector Forum

June 2012



Leadership • Integrity • Flexibility • Teamwork

Item	Required Outcome	Recommended Actions
<p style="text-align: center;">3</p> <p style="text-align: center;">Provide an enabling environment for the attraction and establishment of RE generation facilities in the province</p>	<p>To attract the lion's share of national renewable energy independent power producers to the Province</p>	<ul style="list-style-type: none"> <li data-bbox="992 161 2060 352">• Embark on an intensive training programme with respect to renewable energy project approvals for relevant provincial departments and all municipalities in the Province. <li data-bbox="992 352 2060 512">• Establish a “one-stop-shop” facility to assist prospective developers of RE generation facilities to find and establish projects. <li data-bbox="992 512 2060 863">• Establish a quarterly sustainable energy forum for interaction among manufacturers, project developers, investors, regulatory authorities and government officials, and skills institutions, with the objective of unlocking obstacles to and leveraging opportunities in sustainable energy development in the Province. <li data-bbox="992 863 2060 1023">• Link the Provincial Sustainable Energy Forum to existing district municipal structures/forums in order to ensure district level relevance and participation. <li data-bbox="992 1023 2060 1174">• Promote a study and pilot project for the generation of energy from the ocean. <li data-bbox="992 1174 2060 1294">• Promote the establishment of a combined cycle gas turbine generation facility in the Province. <li data-bbox="992 1294 2060 1414">• CSP should be encouraged in the north-west of the Province. <li data-bbox="992 1414 2060 1522">• Lobby Eskom to expedite strengthening the transmission capacity in the Transkei area.

Item	Required Outcome	Recommended Actions
<p style="text-align: center;">5</p> <p style="text-align: center;">Provide an enabling environment for the for the establishment of a manufacturing industry in support of RE production in the Province</p>	<p style="text-align: center;">Stimulate job creation, technology and economic development in the manufacturing industry.</p>	<ul style="list-style-type: none"> • Establish a forum where IPPs and the manufacturing industry can be brought together (See Action Plan 3.3 above). • Perform a skills requirement audit amongst IPPs and refer to skills forum (7.2) to develop training programs. • Establish and maintain a database of available skills, manufacturing capabilities and training opportunities within the Province. • Facilitate discussions between successful RE IPPs to find synergies, reduce costs through common manufacturing, bring them into contact with IDZs and manufacturers and otherwise assist with supply. • Investigate and promote the introduction of incentives such as special tariffs rate rebates and preferential procurement for local manufacturers and service providers in the sustainable energy value chain. • Lobby DoE to set out a long-term program for the procurement of RE generation.

Develop the most enabling provincial environment for sustainable energy investment and implementation in the country

Mission

RE Production and Sector Development

Sustainable Energy Use

Vision

Job Creation

Promote RE Manufacturing

Improve Industrial Competitiveness

Alleviate Energy Poverty

Promote RE Production

Reduce CO2 emissions and Pollution

GOALS

Framework for Provincial Coordination

National Scale:

- Greater than 5MW – sale to ISMO via DoE PPA
- Less than 5MW – sale to ISMO via DoE PPA

Provincial/Municipal Scale:

- Bilateral PPA – municipal grid connection;
- Captive power projects, off-grid or grid independent or hybrid; EE.

Provincial/Municipal Scale:

- Household level RE & EE;

Provincial/Municipal Scale:

- Biofuels/Bioenergy

- *Skills and local support service development (BEE opportunities with RFP);*
- Local content manufacture;
- Enabling regulatory support/ landuse applications;
- Logistics;
- Developing capacity of local decision-makers; and
- Assistance to local beneficiary trusts and skills programmes

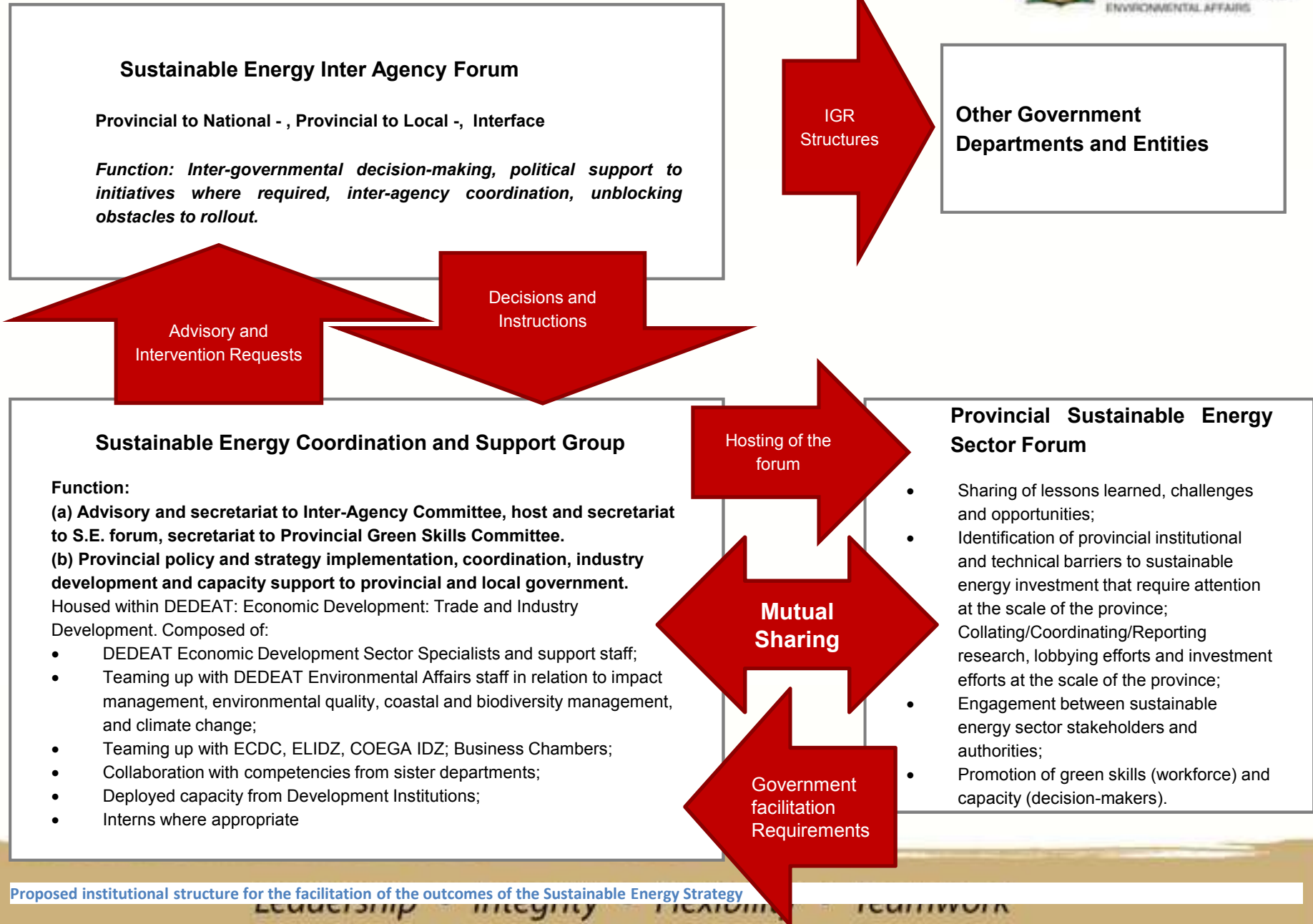
- *Skills development;*
- Platform for sharing and lessons learned;
- Assistance with grid tie, bilateral PPAs, regulatory issues;
- Political support;
- Coordination with local and regional economic development initiatives;
- Power purchase by local and provincial government; Match-making with financial institutions;
- Pilot projects;
- Seed funding.

- Promotion of manufacturing sector; investment and coordination.

Provincial Coordination Required

Provincial Sustainable Energy Support Structure

- Focus Area 1: Support sustainable economic development through the promotion of renewable energy generation (both via National Renewable Energy Independent Power Producer Programme (REIPPP) and at the municipal level) and the establishment of a sustainable energy manufacturing and service industry,
- Focus Area 2: Assist the Province and Municipalities to promote and implement energy-efficiency measures, and
- Focus Area 3: Promote the roll-out of non-grid energy options in rural areas that currently do not have access to electricity
- Play a provincial coordinating role, including among others cataloguing all provincial initiatives to provide annual status report and coordination point of departure.



Nature of the Forum

- Forum hosted and chaired by DEDEAT
- Open Forum
- Basis for provincial reflection and sharing
- Forum discussion points/conclusions may form the basis for provincial action
 - Response/Action by DEDEAT Coordinating Group (technical or institutional)
 - Through Coordinating Group, Response/Action by Inter-Agency Group
 - Depending on level, intergovernmental lobbying.
- Forum secretariat required

Wish-list of Coordination Structure Activities and Possible Role of Forum (1)

- Host a recurring stakeholder forum in order to keep abreast of challenges in the Clean Energy Industry and to provide a platform for discussing solutions to such challenges;
- Provide a secretariat to the Provincial Green Skills Committee;
- **To undertake a provincial Sustainable Energy Skills audit;**
- **To maintain a database of provincial sustainable energy initiatives as a basis for informing the manufacturing and service industry, in addition to informing International and National development funds;**
- To attend national, provincial and local clean energy committees, task groups, and forums in order to **ensure that a provincial overview and context is maintained**
- **To publish a periodic overview report of the state of clean energy in the province;**
- To ensure coordination among provincial departments, entities and local government in order to optimise support to the sustainable energy industry (including investment, institutional, skills development and regulatory support);

Wish-list of Coordination Structure Activities and Possible Role of Forum (2)

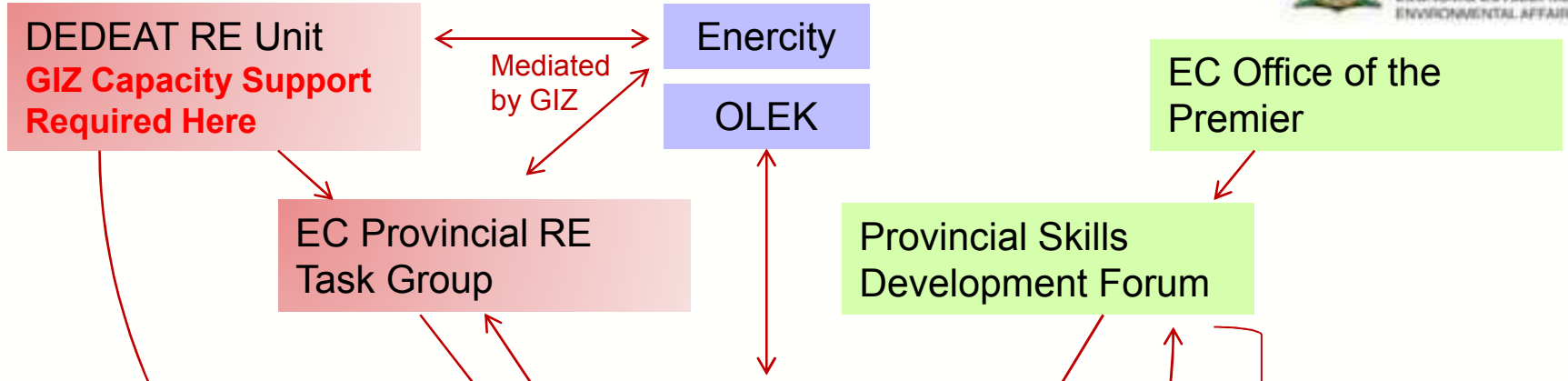
- **To support awareness and capacity development among decision makers in the renewable energy value chain;**
- **To crowd in institutional and investment support for provincial projects;**
- Assisting developers in navigation through regulations associated with renewable energy;
- Providing advice on legal and technical requirements for renewable energy investment;
- **Coordination of skills development, infrastructure and logistics activities associated with renewable energy investment;**
- **Coordination of provincial research and development efforts;**
- **Promotion of a provincial renewable energy market.**
- **Provide assistance with rural community involvement in renewable energy projects.**
- **Capacity support to local government (Project support, decision support, planning, TOR, project management, M&E, coordination - provincial to local interface).**

The role of regional sub-forums

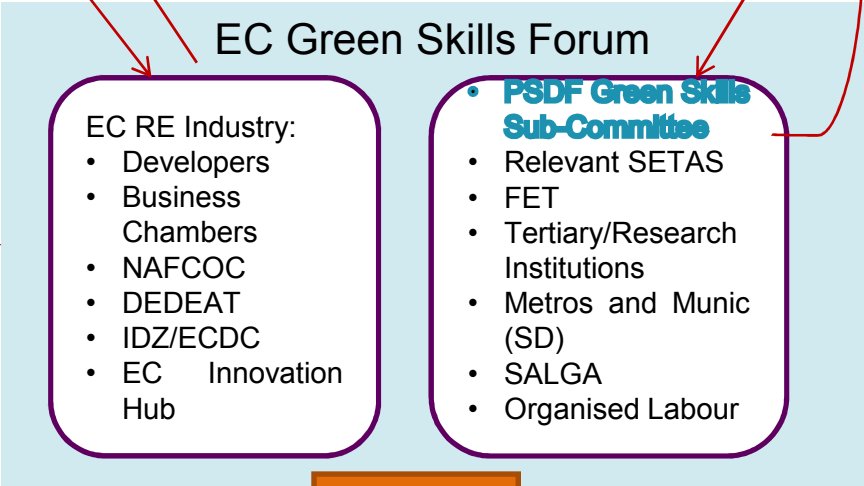
- Focus on specific regional issues
- Capacity building
- Technical advice and sharing

BUT

- Will this be yet another structure?
- Can existing structures be used?



Secretariat
• Capacity required



- SUPPORTED BY:**
- MERSETA
 - NMMMUM (Energy research unit)
 - NMBM (Venue)
 - PE College
 - DHET
 - NSA

Outcomes

- Link renewable energy sector to skills institutions
- Clear identification of green skills needs
- Appropriate training materials/content
- Audit of current skills stakeholder activities
- Action plan for 2012/13

THANK YOU