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Building Linkages Across Sectors and Engaging the Private Sectors (MSMEs and Market Expansion)

Caribbean, Energy, Transport and Resilience

27th June 2019, St. Lucia

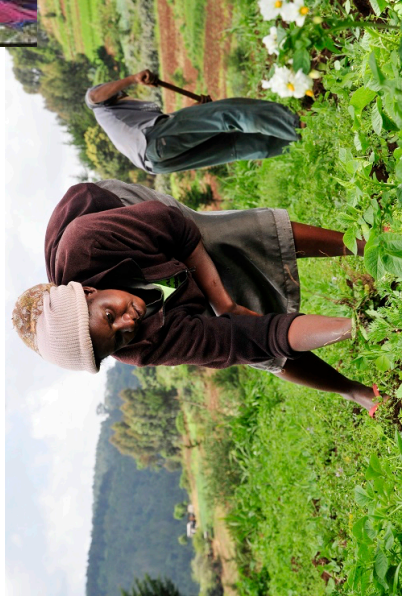




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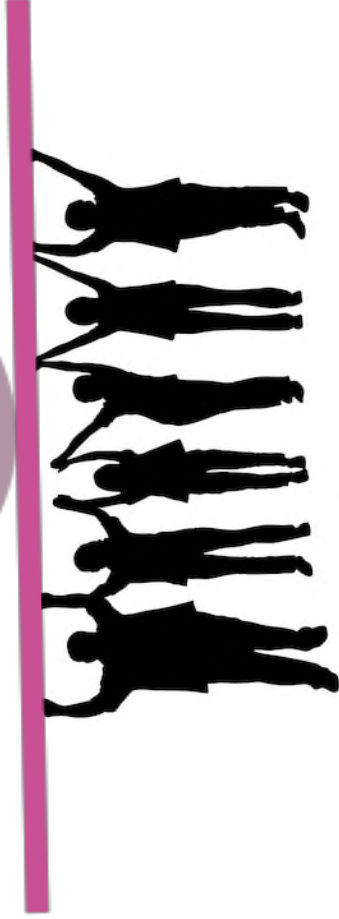
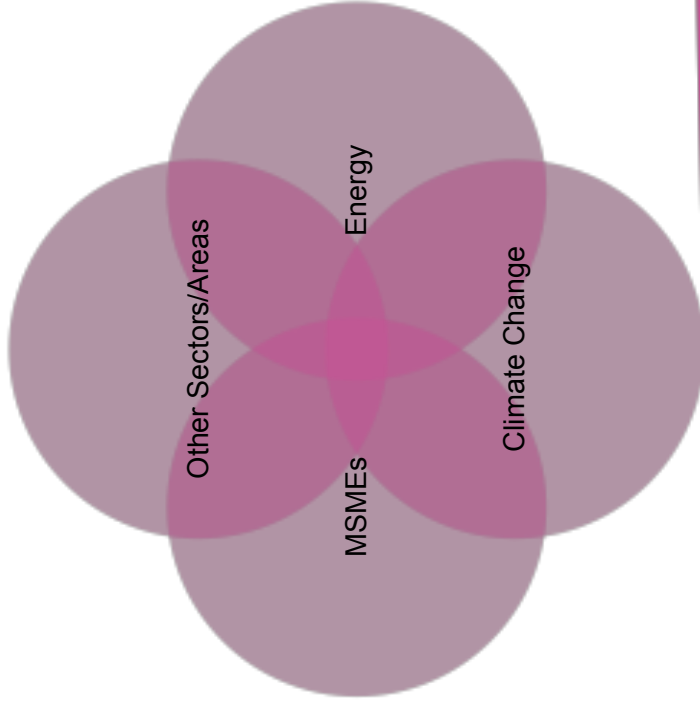
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The “RReAAality”!

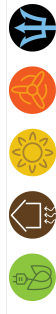




Inextricably linked, but how to find the right balance?



The Energy Situation



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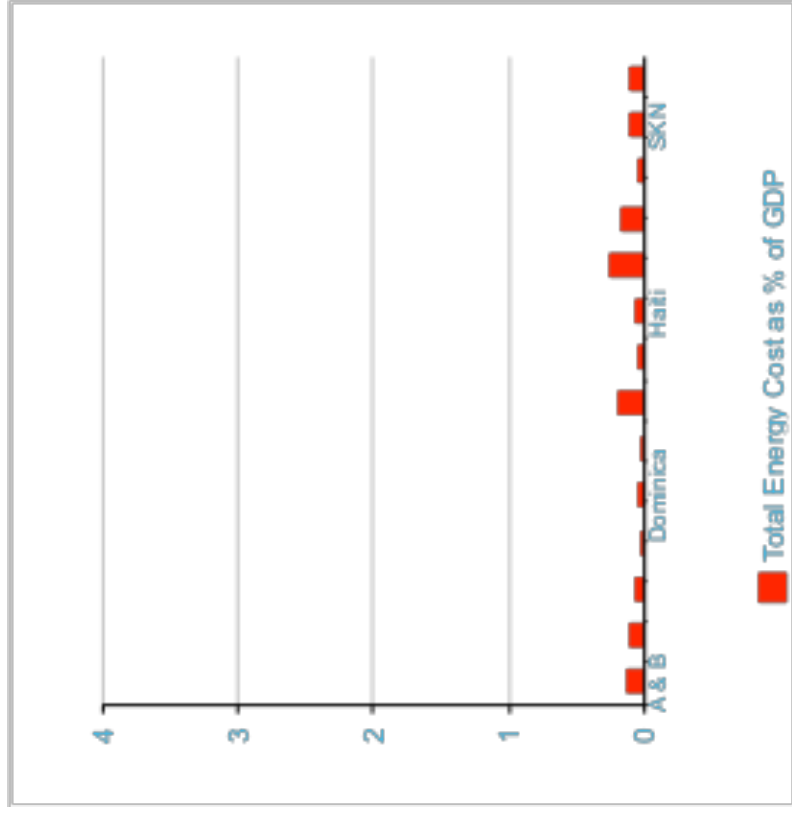
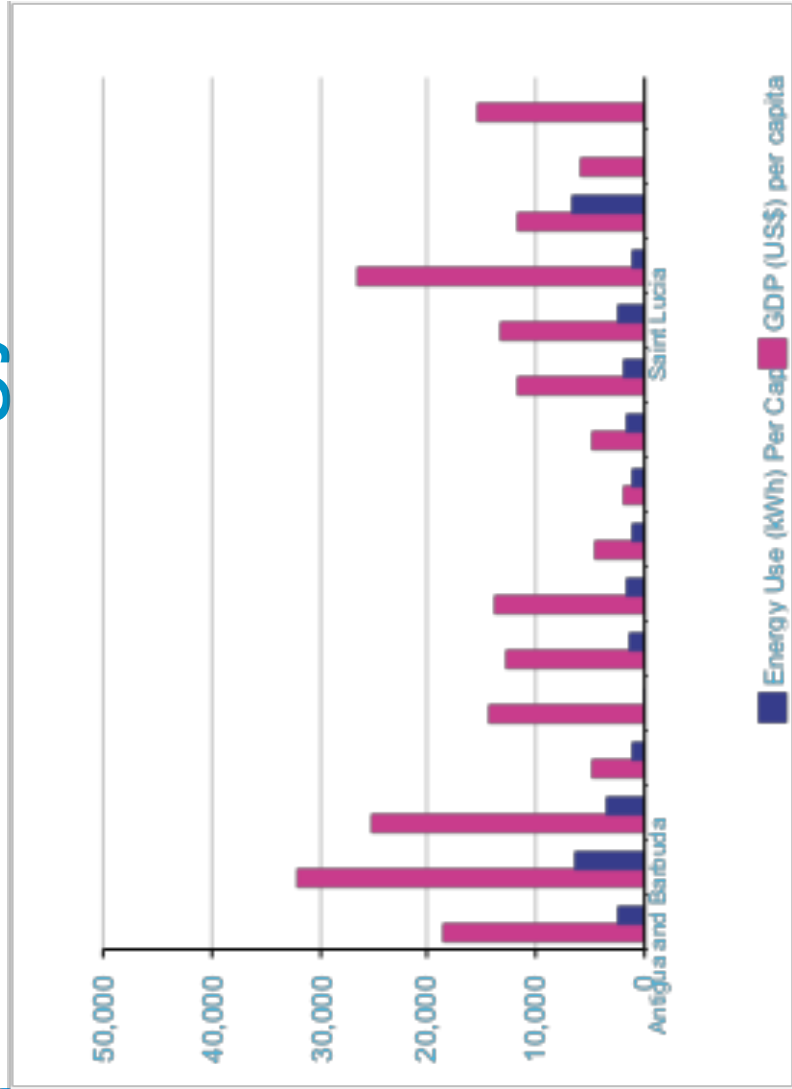
**Factors
Influencing the
Regional Energy
Situation**

Access to
Sustainable
Financing

Emigration of
Skilled Labour



GDP & Energy



The Micro, Small and Medium Enterprise (MSME) sector accounts for the majority of private enterprises in the Caribbean; and contributes more than 50% to GDP and



Climate Change

- Among MSMEs, climate change impacts can be disproportionately experienced. For example:

depending on the type

How to prepare?
Resilience vs Recovery?

- be significant, or
- impacts on a specific



MSMEs

- MSMEs are vital contributors to the economy
- Business culture among MSMEs, particularly the smaller entities is not very strong and this impacts their operations and growth.
- Energy represents high





The main challenges affecting MSMEs include access to financing and electricity costs

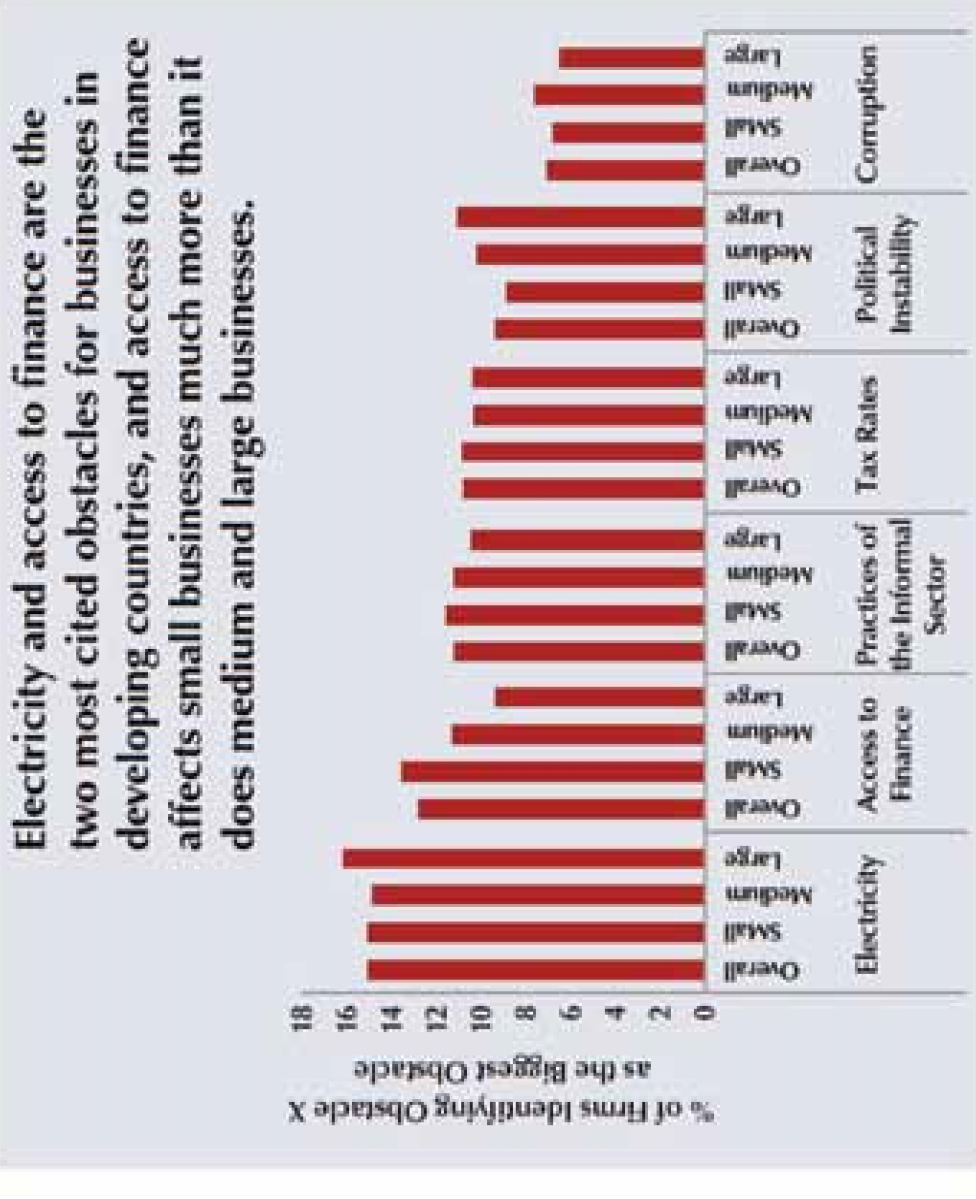


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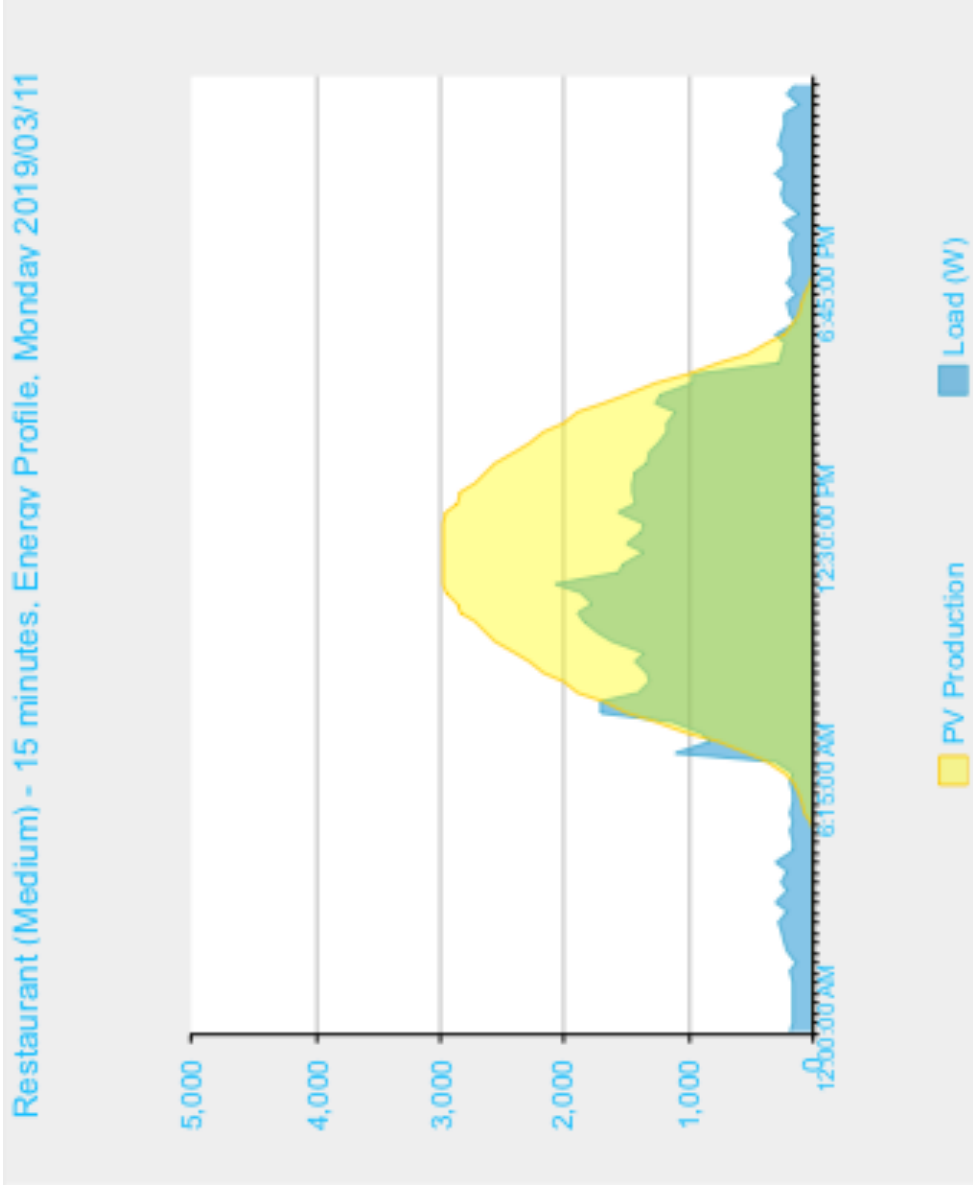
MSME Challenges



Renewable Energy



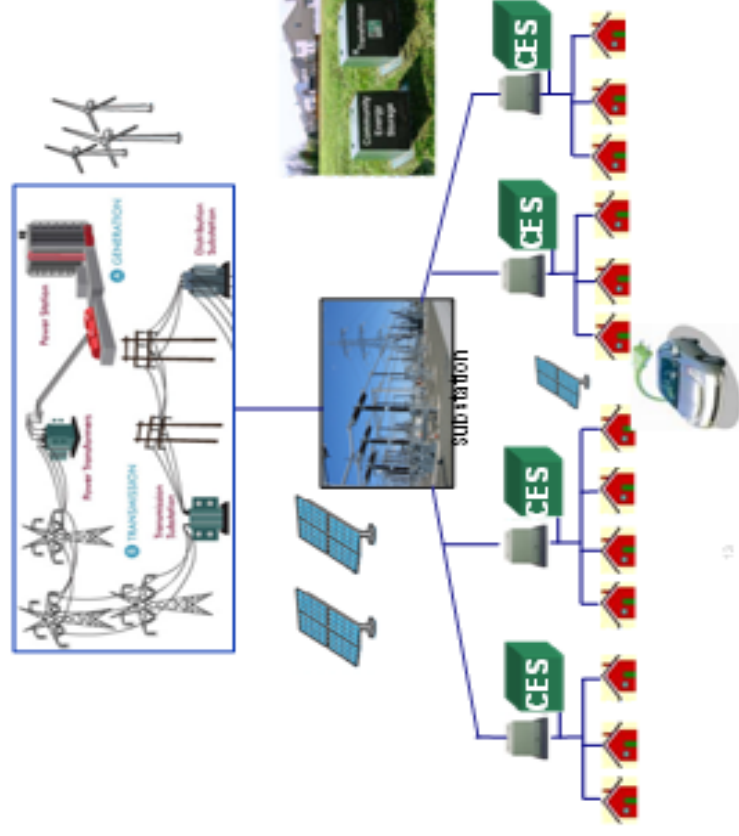
- Proposed as a solution to high electricity costs faced by MSMEs.
- Solar PV is technology of choice – proven technology, scale appropriate for MSMEs, availability of, and access to, resource, ease of implementation
- Storage – PPP, community, utility





AN INSTITUTION OF CARICOM Community Energy Storage Systems

- CES can be facilitated by:
- Modernize microgrid system with smart technology
 - Ability to be connecte or disconnected from main grid
 - Provide energy management at the micro level
 - Integrate REs and





Barriers to RE/EE Uptake by MSMEs





Expected Benefits of RE for MSMEs

- Reduced operating costs
- Energy Resilience
- Improved innovation and modernization
- Supports sustainable development and the Green Economy



Realization of benefits will be linked to the quality of implementation

Support Systems Required

- Widescale shift to RE by private sector, will contribute to an already changing energy landscape.
- Proactive management will be required to achieve accepted balance of sustainability, resilience, affordability, reliability factors.
- Support systems needed:
 - SMART systems and SMART people
 - “New” energy structures – Demand response. TOU across all rate classes



OUR VISION

Transforming the energy landscape into a climate resilient, sustainable and affordable sector; focused on improving the lives of our people.





What does the future look like?



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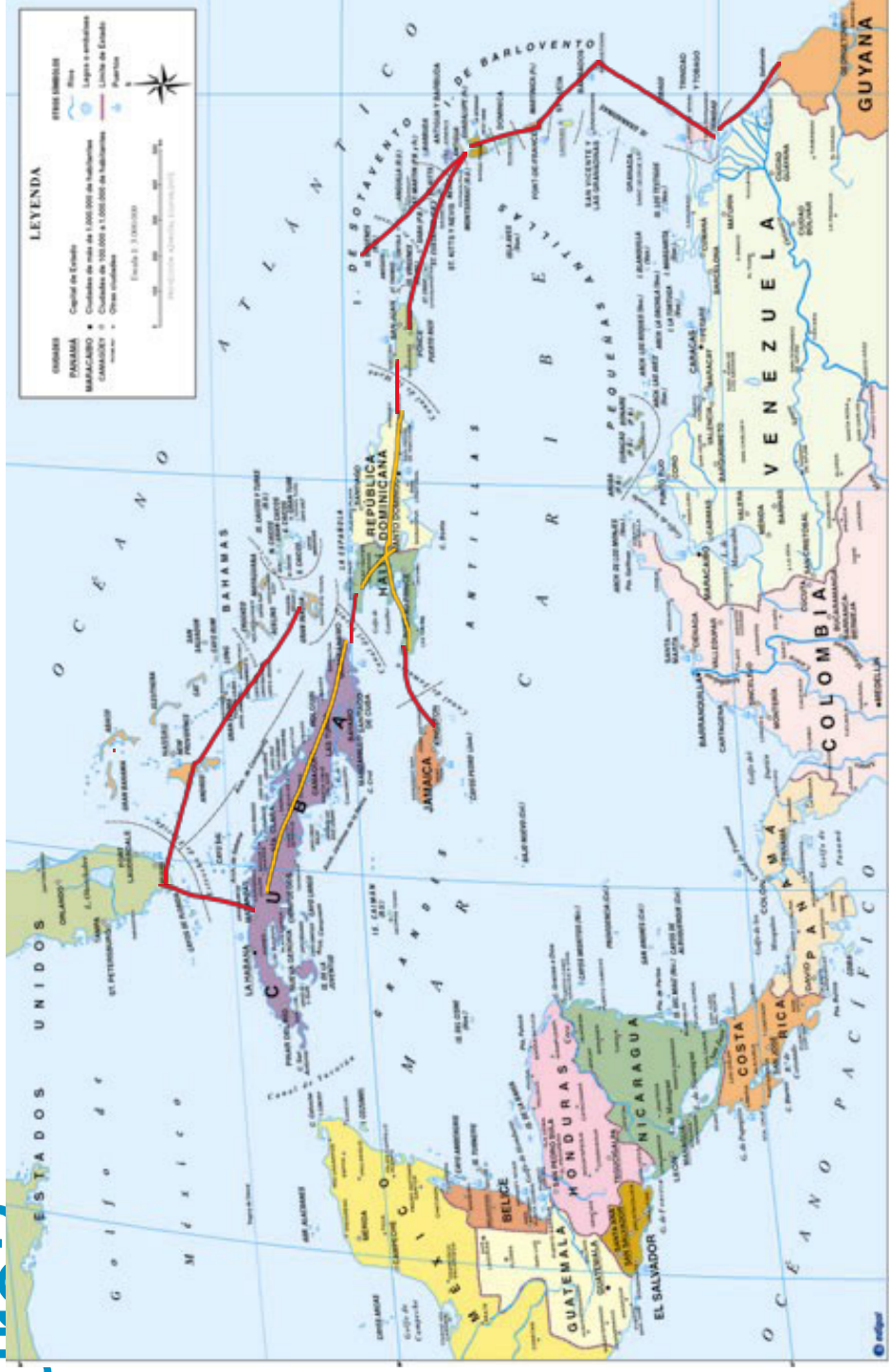


Caribbean Interconnection... the future



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Recommendations



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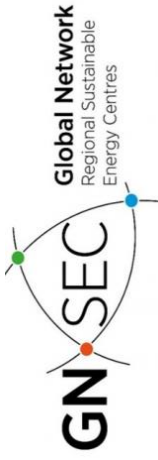


Recommendations





“Think globally, act regionally, implement locally”



... Transforming Lives

Thank you

Visit our website at
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