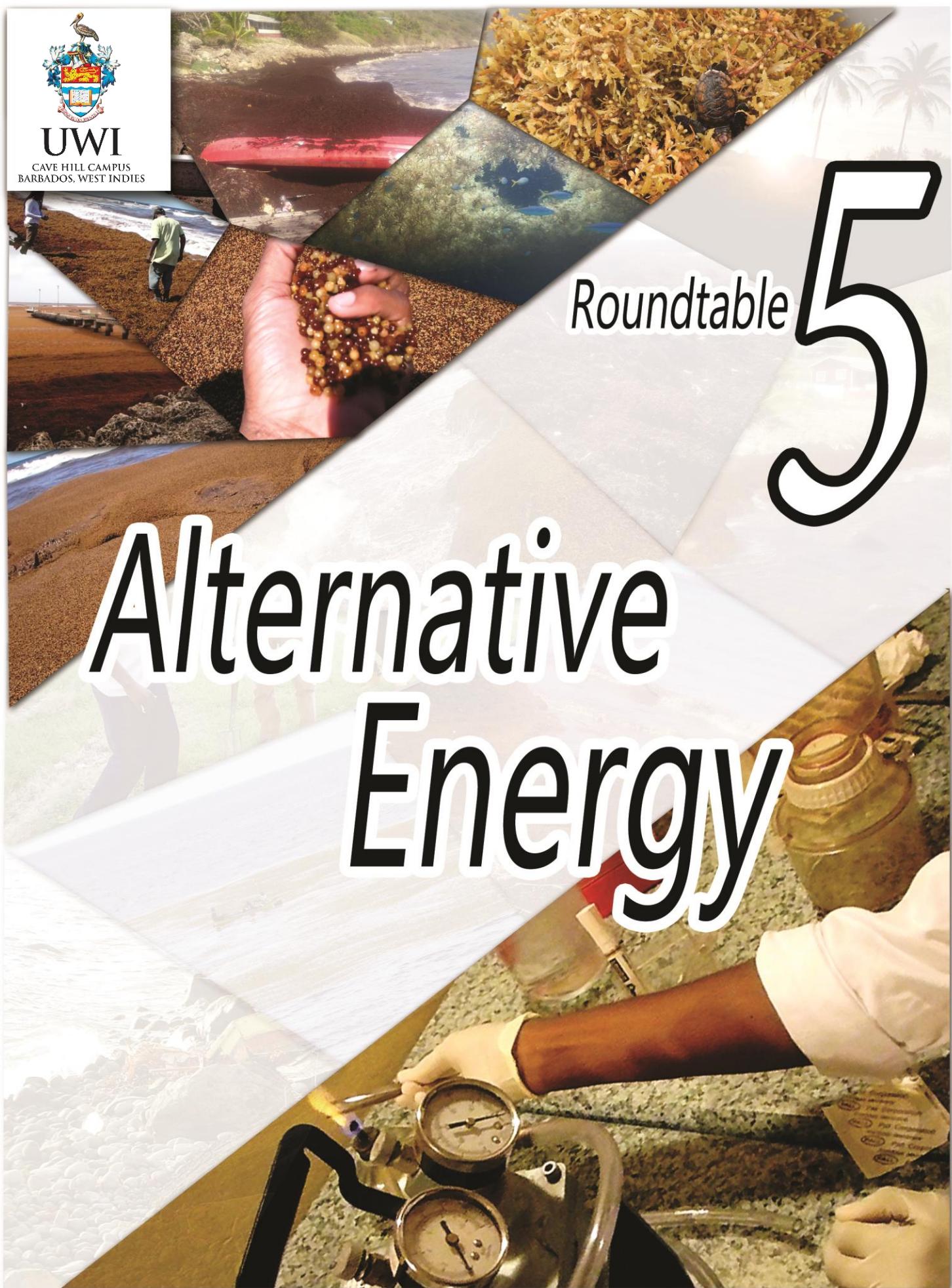




UWI
CAVE HILL CAMPUS
BARBADOS, WEST INDIES

Alternative Energy

Roundtable 5



ROUNDTABLE REPORT

Roundtable Five: Product research and development

-Viable options to be explored-

Topic: Alternative Energy

INSTRUCTIONS

Persons should have selected this topic because they have an interest or expertise in the specific area.

This is a regional issue, therefore do not focus exclusively on the Barbadian situation, but think about the regional experience and brainstorm regional, international as well as local actions that might be required.

Each group must **select a rapporteur** who will be responsible for summarising and recording the main points made for each question.

Over the next **2 hours** have been allocated for this discussion. The Moderator will announce time checks every 20 minutes. Groups should try to use their time to ensure that they **address all 5 questions**.

At the end of the session this booklet must be handed to one of the administrative staff.

The information will be compiled and emailed to all of the Symposium participants.

1. What is being done and lessons learnt?

- Initial experience with the use as biomass presents challenges due to things such as high ash content and scale of application.
- Direct combustion is not seen as viable due to high sulphur content – poisonous H₂S.
- Ash can be used as a cement additive.
- Bio-oil production research on-going.

2. What are the issues to be investigated?

- Scale-up of uses of current seaweed build-up.
- Efficient & non-destructive beach removal techniques
- Research around economic viability vs. other alternative energy options or other uses of seaweed.
- The financial risks associated with building a business around this resource.
- CAHILL waste to energy as a risk? – Monopoly
- Licensing fees/economical amendment
- Challenges around bulk storage (environmental implications of storage/degradation)

3. Who are the stakeholders to be involved?

- Entrepreneurs – Government- Commercial Banks
- Donor Agencies – Research Institutions
- Insurers – Fisheries – NCC – CZMU
- BTA – CTO – Hoteliers – The General Public
- Caribbean Health Research Institute
- Utility Companies

4. What resources are required?

- Financing – Ideas/Innovation/Champions
- Marketing – Technology
- Human Resources

5. What are potential sources of funding?

- Donor Agencies
- Central Bank export credit scheme inclusion
- Private Sector

SARGASSUM ROUNDTABLE REPORT



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Thank You for Your Participation

**At the end of the session please hand this booklet to one of the
administrative staff.**