



# ENERGY COMMISSION

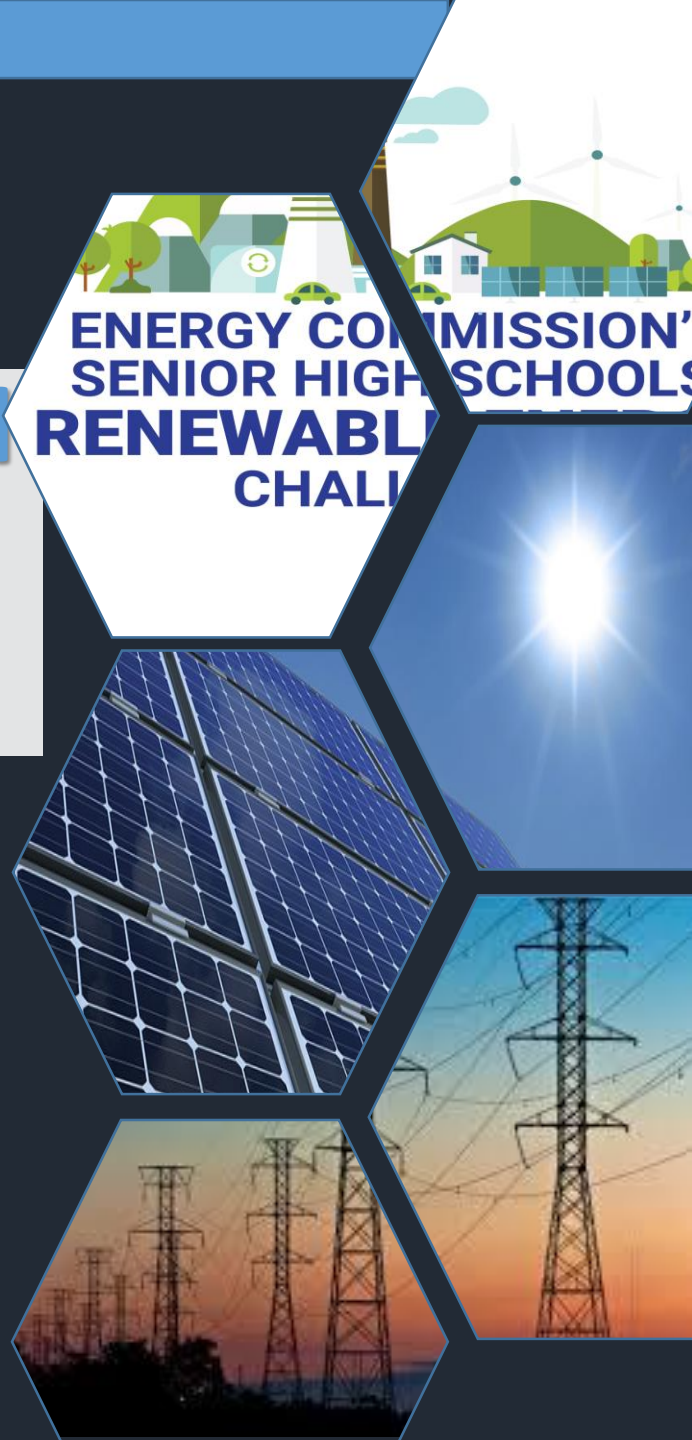
Securing Ghana's Energy Future Today

## ENERGY COMMISSION'S SENIOR HIGH SCHOOLS' RENEWABLE ENERGY CHALLENGE

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# INTRODUCTION & OBJECTIVES

Under the Renewable Energy Act, 2011 (Act 832), the Energy Commission is mandated to promote the utilization and development of renewable energy as well as recommend and advise relevant stakeholders on the educational curriculum on efficient use of renewable energy sources and evolve programmes for its mainstreaming on the educational curriculum in Ghana.

**The objectives of the challenge are;**

1. develop the research skills of Senior High School students and promote technological innovation in renewable energy and energy efficiency;
2. instill in students a passion for solving renewable energy, energy efficiency and climate change challenges through innovative research;
3. develop presentation skills of Senior High School students; and
4. promote self-confidence and encourage hard work through public recognition and rewards.

# CONCEPT

- The Challenge is opened to all Senior High & Technical Schools in Ghana.
- The Challenge is a **project based** competition.
- The Challenge focuses on renewable energy technologies (bioenergy, solar, wind, etc), clean energy and energy efficiency solutions.
- Each school is allowed to present a project.
- Each team (2 students and a teacher) has 10 minutes of presentation time.
- The Judges had 10 minutes to ask questions.



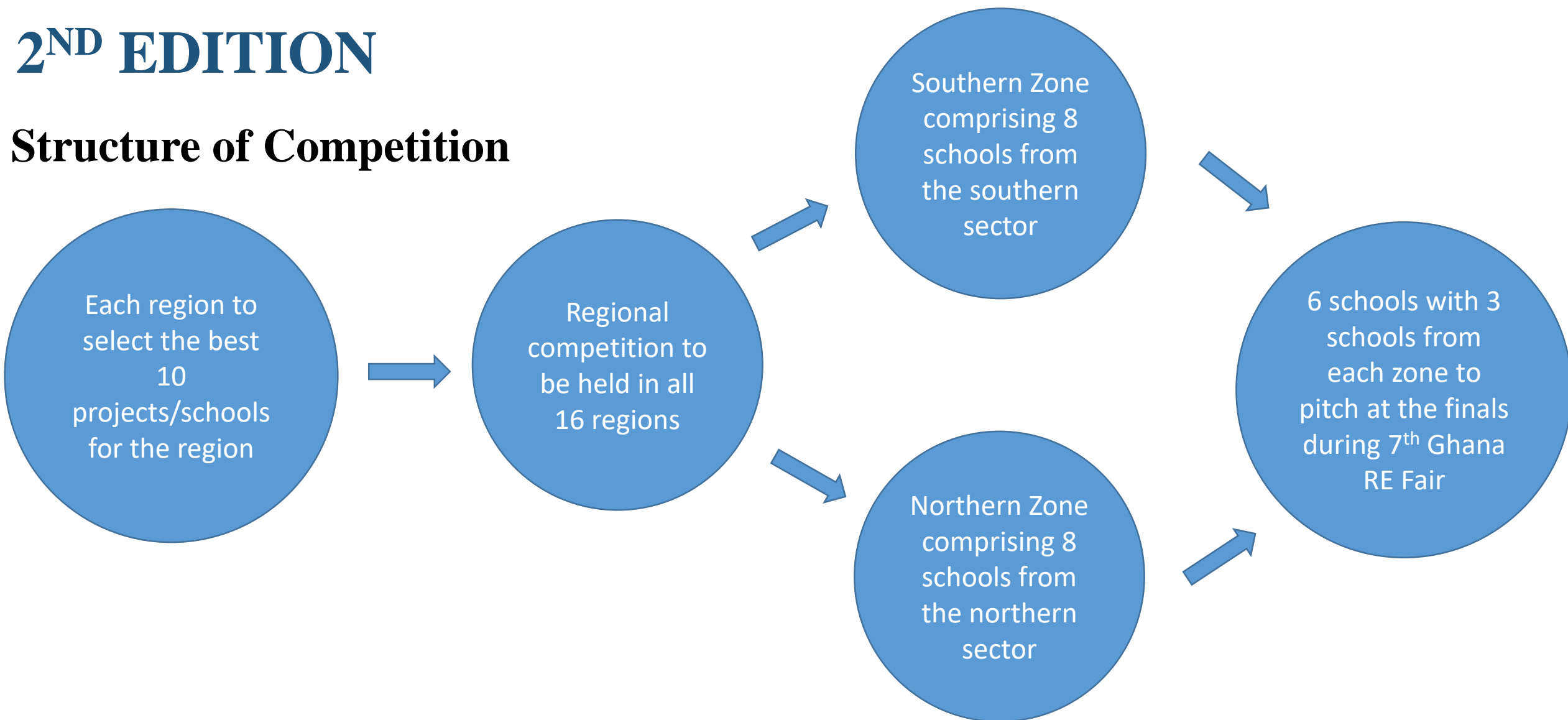
# PICTURES OF THE 1<sup>ST</sup> EDITION OF THE SHSREC



*Pictures of the 1<sup>st</sup> Energy Commission's Senior High Schools' Renewable Energy Challenge*

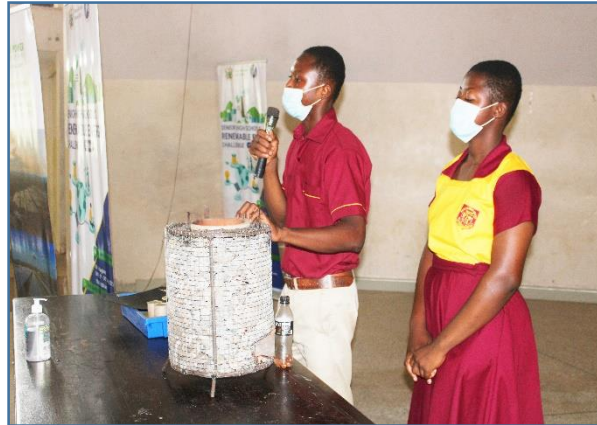
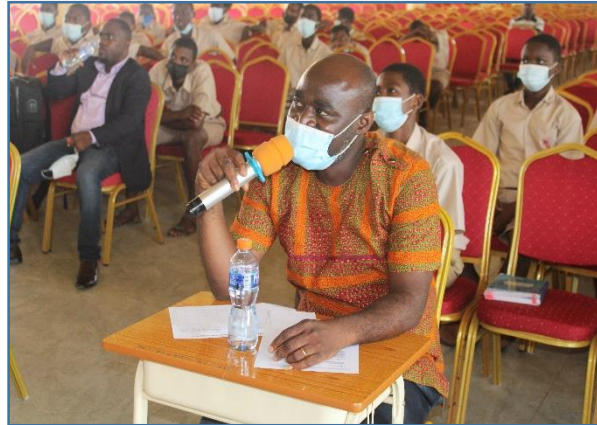
## 2<sup>ND</sup> EDITION

### Structure of Competition





# PICTURES OF THE 2<sup>ND</sup> EDITION OF THE ECSHSREC



*Pictures of the 2<sup>nd</sup> Energy Commission's Senior High Schools' Renewable Energy Challenge*



# PICTURES OF THE 2<sup>ND</sup> EDITION OF THE ECSHSREC



*Pictures of the 2<sup>nd</sup> Energy Commission's Senior High Schools' Renewable Energy Challenge*

## PARTNERSHIP AND SPONSORSHIP

- Tertiary Educational Scholarships (both local and foreign) for the 12 students;
- Internship Programmes in renewable energy research institutions and industries to give the students the needed exposure and hone their research skills;
- Cash prizes for the students, teachers and schools;
- Branded products (including science educational materials and equipment, text books, etc) as prizes; and
- Support for the Renewable Energy Research Clubs that have been set-up in the Senior High School under this Challenge.





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# THANK YOU

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