

Information pack 3, Rybnik 2 February 2023



RESEARCH REPORT

The research report will address 3 topics.

1. Investigate your country's energy system.
 - a. What sources of energy are currently available?
 - b. How much and what type of energy is consumed?
 - c. What (if any) sources of energy are imported / exported?
2. Propose a plan for transitioning your country's energy system away from carbon-based sources.
 - a. What energy sources would be used and how would they be developed/acquired?
 - b. What are some of the anticipated challenges in this transition?
 - c. How can some of these challenges be overcome?
3. Examine the global implications of your country's energy system transition.
 - a. What are some potential impacts of your country's transition on other countries?
 - b. How can your country aid other countries in their transition to decarbonized energy systems?



Assesment framework

Component	Score
Written Report <ul style="list-style-type: none"> • <i>Word length 2500-5000</i> • <i>References and all other sources must be acknowledged</i> 	40
Oral Challenge <ul style="list-style-type: none"> • <i>Oral presentation by team; max 10 min; 3 of the 4 members must participate in the presentation and discussion</i> • <i>Q & A (5 min) – Jurors pose questions</i> • <i>Each challenge will be recorded. This is for the jury's reference only.</i> 	30
Total	70

Component	Score
Structure of Report <ul style="list-style-type: none"> • <i>Structure of Report is clear with appropriate citations and proper formatting (see Appendix 1 Info Pack 1)</i> • <i>Reference List with proper formatting</i> 	4 (3) (1)
Content of Report	36
Total	40



Content of Report

Criterion	Approaching Expectation Score (1-3)	Meeting Expectation Score (4-6)	Exceeding Expectation Score (7-9)
Information gathering and application	<p><i>Limited</i> breadth and depth of pertinent information; information limited to community and local context</p> <p>States a specific dilemma exists, but no discussion of potential decisions</p>	<p><i>Sufficient</i> breadth and depth of pertinent information; information extends beyond local context to regional context</p> <p>Identifies the dilemma, including pertinent facts; states what course of action must be decided</p>	<p><i>More than sufficient</i> breadth and depth of pertinent information; information extends from community/local to regional and global contexts</p> <p>Describes the dilemma in detail, having gathered all available pertinent facts; prioritizes key decisions to be made.</p>
Analysis of Arguments	<p><i>Limited analysis</i> of arguments –</p> <p>Identifies at least 2 arguments and evaluates their consequences</p>	<p><i>Sufficient analysis</i> of arguments –</p> <p>Identifies 2-3 arguments and evaluates their consequences effectively;</p> <p>Determines stakeholders involved</p>	<p><i>In-depth analysis</i> of arguments –</p> <p>Identifies multiple arguments and evaluates their consequences effectively and insightfully;</p> <p>Determines key stakeholders and prioritizes their perspectives</p>

Weighing and Balancing Arguments	<p>Arguments are evaluated in a <i>limited</i> way</p> <p>No clear theoretical or ethical framework for evaluating alternatives</p>	<p>Arguments are <i>sufficiently</i> evaluated, e.g.</p> <p>Identifies and applies at least one appropriate theoretical or ethical framework for evaluating alternatives</p>	<p>Arguments are <i>thoroughly</i> evaluated, e.g.</p> <p>Identifies and applies multiple, appropriate theoretical or ethical frameworks for evaluating alternatives and explains how these inform decision-making</p>
Formulation of Conclusion	<p>Identifies and explains an appropriate conclusion for a course of action from among alternative actions (considers a few consequences)</p> <p>Linkage between content and global sustainability issues or threats is <i>limited; significance at a global level is limited</i></p>	<p>Identifies and explains an appropriate conclusion, and proposes a plan for implementing it</p> <p>Linkage between content and global sustainability issues or threats is <i>sufficient; significance at a global level is sufficient</i></p>	<p>Identifies and explains an appropriate conclusion, and proposes a viable plan for implementing it that evidences understanding of the motives and consequences of action including minimizing any negative impact</p> <p>Linkage between content and global sustainability issues or threats is <i>in depth; significance at a global level is strong</i></p>



Oral Challenge

Criterion	Base Score	Approaching Expectation Score (1-4)	Meeting Expectation Score (5-7)	Exceeding Expectation Score (8-10)
<u>Reporting Role</u> Content presented <ul style="list-style-type: none"> - Organization and clarity, coherence - Arguments and conclusion 	10	Main arguments – some relevant arguments, clear in some parts only, significant problems exist	Main arguments – many good arguments, mostly clear, only minor problems	Main arguments – very strong arguments and well-substantiated throughout, completely clear
<u>Reporting Role</u> Presentation style <ul style="list-style-type: none"> - Fluency & clarity of speech - Tone of voice & clarity of expression, body language, precision of arguments, awareness of audience 	10	Speaks haltingly or mumbles, and is difficult to understand at times Few style features used convincingly	Speaks clearly and intelligibly most of the time Some style features used convincingly	Speaks clearly and fluently throughout, at an appropriate pace All style features used convincingly
<u>Q & A</u> Managing Questions from <u>Jurors</u> <ul style="list-style-type: none"> - Responsiveness, ability to explain or defend - Reinforcement of team's arguments - Extent of contribution to the discussion 	10	<i>Decent</i> explanation, defence and engagement with <i>some significant problems</i>	<i>Good</i> explanation, defence and engagement with <i>minor problems</i>	<i>Excellent</i> explanation, defence and engagement



Program Rybnik

Saturday, June 24 / Sunday, June 25

Arrival of 7 teams

Monday, June 26

- 9.00 - official group registration
- 9.30 - start / DK greeting guests etc + artistic program
- 11.00 - 11.45 - inaugural lecture by prof. Piotr Skubała
- 11.45 - 12.00 coffee break
- 12.00-12.45 - Icebreakers
- 13.00 - 14.00 lunch
- 14.00 - 16.00 - workshops Bartosz Sobik (energy mixes)
- 16.00 - return to families

Tuesday, June 27

- 9.00 -9.30 - speaker I (Gliwice University of Technology)
- 9.30-10.00 - speaker II (dr Turecki)
- 10.00-10.30 break and preparation for speeches
- 10.30 -13.30 teams division into two groups and schools presentations (four teams each group) /eg 10 min presentation + 5 min questions + 2-3 min per shift/
- 13.30- lunch
- 14.30 - preparation of posters in the column room
- 15.30 poster session
- 16.30 - return to families

Wednesday, June 28

- 8.30 meeting at school
- 8.45 departure to the historic Guido Mine
- 13.45 lunch in Rybnik
- 14.45 - workshops - org Gliwice University of Technology - renewable energy technologies
- 17.00 cultural evening
- 18.30 return to families

Thursday, June 29

8.00 - meeting at school, all day long trip to Oświęcim and Krakow

Friday, June 30

9.30 - guest speaker (Jakub Wiech)

10.30 - closing ceremony

16.00 - after party - kayaking on the Ruda river

Saturday, June 31

departing of schools

- groups from outside Europe are welcome on Saturday, June 24
- there is the possibility to stay until Sunday for groups from outside Europe (if they wish)

Deadline

March 14, 2023

Final delivery abstract research-reports

February May 30, 2023

Final delivery date research-reports

Delivery: info@gales.org