

RICOH Sustainable Development Award

Project: _____ **Judge:** _____

Criteria highlighted in **Blue** to be used to pre-qualify all projects for further consideration and eliminate projects that do not apply. All (12) twelve questions below must score “YES” to pre-qualify.

Once projects are pre-qualified, use the criteria highlighted in **Yellow** for final project evaluation and point tabulation.

PRE-QUALIFYING CRITERIA

FINALISTS' PROJECT MUST HAVE:	TOTAL SYSTEM MUST INCLUDE:
Principles & technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly & socially responsible businesses.	1. Know-how 2. Procedures 3. Goods & services 4. Equipment 5. Organizational/managerial process
PROJECT MUST REFLECT:	
1. Energy conservation / prevention of global warming 2. Resource conservation / recycling 3. Pollution prevention 4. Conservation of biodiversity	

PLEASE EVALUATE ALL TWELVE QUESTIONS BELOW

UNIQUENESS		
Y	N	Creative ability shown
Y	N	Originality in questions asked
Y	N	Scientific advancement shown
Y	N	Sustainable Development issue within scientific field clear
MEANINGFULNESS		
Y	N	Research addresses a meaningful problem
SOPHISTICATION		
Y	N	With respect to the age of researcher and availability of resources
PRESENTATION CLARITY		
Y	N	Discussion, purpose, procedure, data, results, conclusion
Y	N	Sustainable Development expressed
Y	N	Thought and preparation in exhibit
BUSINESS IMPACT		
Y	N	Social viewpoint clearly demonstrated
Y	N	Environmental viewpoint clearly demonstrated
Y	N	Financial viewpoint clearly demonstrated

_____ **Total Yes**
 _____ **Total No**

All (12) twelve questions must score “YES” to pre-qualify.

DEFINING CRITERIA

10=High

1=Low

RESULTS-ORIENTATION										
10	9	8	7	6	5	4	3	2	1	Efficient & reliable method for solution(s)
10	9	8	7	6	5	4	3	2	1	Research supported investigation
10	9	8	7	6	5	4	3	2	1	Acceptable to potential users
10	9	8	7	6	5	4	3	2	1	Economically feasible
10	9	8	7	6	5	4	3	2	1	Can be successfully utilized in end product(s)
10	9	8	7	6	5	4	3	2	1	Improvement over existing alternatives
THOROUGHNESS										
10	9	8	7	6	5	4	3	2	1	Depth of the problem covered
10	9	8	7	6	5	4	3	2	1	Awareness of other approaches or theories
10	9	8	7	6	5	4	3	2	1	Continuation opportunities recognized
SKILL										
10	9	8	7	6	5	4	3	2	1	Student's ability supports data presented
10	9	8	7	6	5	4	3	2	1	Required laboratory skills - computation, observation, & design
10	9	8	7	6	5	4	3	2	1	Degree of assistance received from a parent, teacher, or professional (Less assistance = Higher score)
SCIENTIFIC THOUGHT OR ENGINEERING GOALS										
10	9	8	7	6	5	4	3	2	1	Solution obtained via a procedural plan
10	9	8	7	6	5	4	3	2	1	Variables clearly recognized; clearly defined
10	9	8	7	6	5	4	3	2	1	Adequate data to support conclusion
10	9	8	7	6	5	4	3	2	1	Objective relevant to potential users' need
ENVIRONMENTAL IMPACT ASSESSMENT										
10	9	8	7	6	5	4	3	2	1	Environmental impact of each process clear
10	9	8	7	6	5	4	3	2	1	Influence that each process has on the environment evident
10	9	8	7	6	5	4	3	2	1	Social benefit of each process evident
SUSTAINABLE MANAGEMENT INDICATORS										
10	9	8	7	6	5	4	3	2	1	A balance among People, Planet and Profit is clearly evident

_____ Total for Defining Criteria