

RAK ENERGY INNOVATION COMPETITION

#RAKinnovates

Presentation to schools



This competition is organised by Ras Al Khaimah Municipality for students and is approved by the UAE Ministry of Education to encourage energy innovation.



Why is RAK Energy Innovation Competition different?

1. We engage youth and families for innovation in energy efficiency
2. We offer attractive prizes to encourage students' participation



You will achieve impact & engagement

- By conducting and adopting actions to save electricity and water
- By creating platforms to raise awareness on the topic of energy & water efficiency



Join us and win exciting prizes



Cycle 1, and Cycle 2 & Secondary Challenge



Individual Participation	1st winner	AED 10,000
	Runner-up	AED 5,000

Team Participation	1st winner	AED 20,000
	Runner-up	AED 10,000





Challenge for Cycle 1

- Work with your family to **identify ways to save electricity and water at home.**
- **Illustrate how** your family achieved electricity and water savings by creating a photo album, poster, picture and/or website (blog) and share it with us!

We don't prescribe specific type of actions or length of deliverables to encourage all types of activity. Examples of actions will be provided for inspiration.





Your family will work together to encourage simple actions

- Turn off the water tap after rinsing toothbrush.
- Turn off the lights when leaving a room.
- Take a shower instead of a bath.
- Turn off the TV, computer and other electronics when not in use.
- Keep curtains closed on hot days.





Challenge for Cycle 2 and Secondary

- Propose **a creative online tool** (e.g., website, blog, app) to raise awareness about the importance of saving electricity and water in your school and /or in your community.
- **Create a demo** to illustrate your proposal as a document or a site available online and share it with us!

Examples of **free applications** that can be used to create the demo will be provided.





You are asked to find creative ways to raise awareness about energy efficiency

- Incentivise your family to save electricity and water by using the money saved for specific family events, e.g., holiday.
- Create fun ways to monitor energy use in your family, to keep everyone engaged.
- Start and maintain a blog that follows one person or your family as they conduct actions for electricity and water savings.



We will provide a long list of examples for saving electricity and water

EXAMPLES

1. Set your AC at 24°C or more, use programmable timer and thermostat controls, setting the air-condition at the highest temperature that is still cool.
2. Buy appliances with 4 or 5 star energy rating (e.g. light bulbs, fridge, washing machine, dishwasher, AC, water heaters).
3. Install ceiling fans instead of air conditioning where possible.
4. Take shorter showers and install water-saving showerheads, shower timers or low-flow faucet aerators or swivelling aerator in the kitchen.
5. Use dishwashers instead of hand wash; turn off dishwashers drying cycle and allow dishes to air dry.
6. Wash clothes in cold water as this eliminates 90% of a typical washing machines electricity usage. In addition, households can save energy and water by washing only full loads or reducing water levels for smaller loads.
7. Replace incandescent light bulbs with compact fluorescent bulbs or LED lights.
8. Unplug common household items (i.e. computers, coffee machines etc.) as they operate in a standby mode that uses electricity even when they're not in use.





Free tools that you can use

For Apps:

<https://www.zoho.com/creator/>

<https://www.build.me/>

<https://www.swappsforkids.com/>

For Website:

<https://www.wix.com/>

<https://www.wordpress.com/>

<https://www.weebly.com/>

<https://www.blogger.com/>



Submission form

1. Use [google form](#) (gmail account required) to submit.
2. Provide information about your team and school coordinator.
3. Respond to simple questions.
4. Upload your material (picture, website etc.)



RAK ENERGY INNOVATION COMPETITION #RAKinnovates: Win exciting prizes and join forces with Ras Al Khaimah Municipality to create a clean energy future!

Win monetary rewards, short-term internship at Ras Al Khaimah Municipality and the opportunity to display your innovative ideas during RAK Energy Summit in June 2020!

All you need to do is to address one of the assigned challenges and document your results, either individually or as a team with your friends and/or family.

Cycle 1 Challenge: Work with your family to identify ways to save electricity and water at home. Illustrate how your family achieved electricity and water savings by creating a photo album, poster, picture and/or website (blog) and share it with us!

Cycle 2 and Secondary Challenge: Propose a creative online tool (e.g., website, blog, app) to raise awareness about the importance of saving electricity and water in your school and /or in your community. Create a demo to illustrate your proposal as a document or a site available online and share it with us!

Submission details

- The competition starts on 12 January 2020 and ends on 31 March 2020.
- Deadline for submission is 31 March 2020, after which applications will not be accepted.
- Applications can be submitted in both English and Arabic languages.
- Submit your entries by filling in the information below.

For questions, please contact enquiries@wedisruptenergy.com

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The name and photo associated with your Google account will be recorded when you upload files and submit this form. Not sanadam1995@gmail.com? [Switch account](#)

* Required

Email address *

Your email





Evaluation: Phase 1 is based on Eligibility Criteria

- Does the submission refer to one of the challenges?
 - *Yes – which one?*
 - *No*
- Does the submission address the challenge?
 - *Yes*
 - *No*
- Are the participants from the assigned age group?
 - *Yes*
 - *No*
- Does the submission describe how the challenge was conducted (as a proof that the participants did it themselves)
 - *Yes*
 - *No*

We will use this criteria to eliminate non-compliant submissions





Evaluation: Phase 2 is based on Evaluation Criteria

- Relevance of the idea to the challenge statement
- Innovative/creative character of the idea
- Potential impact in terms of energy savings if the idea is applied extensively in Ras Al Khaimah
- Degree of elaboration of the idea - *Only for the Cycle 2 and Secondary Category*
- Ease of implementation of the idea

We will use this criteria to evaluate submissions and select the winners





Timeline of the competition

06 – 30 January 2020

Tour of schools to present details of competition and Q&A.

12 Jan – 31 Mar 2020

Period for submission.
Schools should put posters, send continuous reminders, encourage participation.
Refer questions to the Municipality contact if any.

April – May 2020

Schools to be informed of shortlist to arrange for attendance and display at the Summit.
Market on their social media channels with hashtags to generate excitement.
Prepare students to present at the Summit.

June 2020

Display the entries and showcase the winning entries on 15-16 June 2020



Launch - 12 January 2020
Submission deadline - 31 March 2020





Your contact person & resources

- **Your school coordinator.**
- Dedicated **contact email** to answer questions during the competition:
info.eer@mun.rak.ae
- **Ras Al Khaimah Municipality website**, where you may find additional information posted from time to time.





بلدية رأس الخيمة

Ras Al Khaimah Municipality

مركز

فريق رأس الخيمة لكفاءة الطاقة والطاقة المتجددة
RAK ENERGY EFFICIENCY AND RENEWABLES TEAM

Thank you!

We look forward to your participation!

#RAKinnovates

