

RAS AL KHAIMAH INNOVATION & SUSTAINABILITY CHALLENGE RISC 2024

An Initiative of



ABOUT

- RAS AL KHAIMAH INNOVATION & SUSTAINABILITY CHALLENGE (RISC) 2024 is an initiative designed by the University of Bolton RAK (UOB) & RAKEZ Academic Zone aiming to raise awareness and challenge RAK school and university students on sustainability issues and design potential solutions.
- This challenge intends to welcome innovative ideas and concepts in support of sustainability, which is one of the themes of the 2024 IWAM conference.
- Students across all the schools & universities in RAK will be invited to join the RAK INNOVATION & SUSTAINABILITY CHALLENGE (RISC) 2024 and produce innovative solutions to the problems identified.

OVERVIEW

Open to: All students across schools & universities in Ras al Khaimah

Goal: Address sustainability challenges through innovative solutions

Highlights:

- Showcase student creativity & ingenuity
- Emphasis on practical, real-world solutions
- Networking with industry experts

Impact: Align with global sustainability goals & COP28.

Call to Action: Be today's innovator for a sustainable tomorrow!



TIMELINE



PROPOSED CHALLENGE

- Question: "How can we sustainably repurpose/recycle waste tyres to benefit local communities and the environment?"

Description:

- Stevin Rock, a leader in the quarrying industry, uses a considerable amount of tyres for their heavy machinery and vehicles.
- Currently, this waste is not being effectively utilised, creating missed opportunities for positive community engagement and environmental improvement.
- There is a crucial need for innovative approaches to transform these waste tyres into valuable resources that can serve local communities and other industries.



RISC 2024

CHALLENGE GUIDELINES

Extensive Research :

Dive deep into current sustainability issues.

Familiarize yourself with ongoing efforts and gaps in solutions.

Innovation is Key:

Your solution should be original and groundbreaking.

Think outside the box. Old problems often need fresh perspectives.

Societal Impact:

Your solution should positively impact society.

Gauge potential public acceptance and societal benefits.

Economic Viability:

Assess the feasibility of your solution in real-world scenarios.

Consider costs, scalability, and potential economic benefits.



PRIZE

The winner of the challenge will receive a
“Stevin Rock Sustainability Award 2024”
of

10,000 AED.

