



Realize. Rethink. React.

10 YEARS OF IMPACT

## SCHOOL CATALOGUE

2025 – 2026



# ABOUT EEDAMA



Eedama comes from the Arabic verb "to make it last" which is what sustainability is all about: Being proactive!

– Dr. Ounsi El Daif  
Founder & CEO



Eedama is a MAAN certified social enterprise, founded in Masdar City, Abu Dhabi in 2015; that promotes sustainable development by supporting citizens, schools and organizations in embracing sustainability within their practices.





# OUTREACH & IMPACT

Eedama makes sustainability come alive for students through experiential learning that's engaging, fun, and impactful.

We offer field trips, in-school workshops and events, and interactive programs tailored to all grade levels.

Ranging from renewable energy experiments to waste reduction challenges, we connect students to real-world environmental issues while building skills, creativity, and a sense of responsibility for the planet.



**43,000+**  
Students



**14,000+**  
Adults



**300+**  
Events



**500+**  
Educational Institutions  
& Companies



**40+**  
Countries  
Reached



**60+**  
Consultancy  
Projects



## FIELD TRIPS

At Eedama, we take learning beyond the classroom. Our field trips give students the chance to see sustainability in action, from farms to recycling centres to natural ecosystems. Each visit is designed to inspire curiosity, build hands-on skills, and connect young people with real solutions for a greener future.





# 01 | MASDAR CITY

## A Journey into the UAE's Pioneering Sustainable City

Step inside the UAE's award-winning model of urban sustainability. This immersive trip lets students experience first-hand, the technologies and design principles that make a city resilient in the desert climate, from driverless transport to renewable energy systems. Through an interactive tour, treasure hunt, and environmental audit, students connect classroom learning to real-world innovations shaping the cities of tomorrow.

### Curriculum-Aligned Learning Outcomes

- Discover how sustainable city planning integrates technology, culture, and environment.
- Explore renewable energy and passive design solutions.
- Understand alternative transportation systems for low-carbon cities.
- Develop observational & problem-solving skills with hands-on activities.
- Reflect on how urban design can address climate challenges.

### Sustainable Development Goals Tackled



### Field Trip Timeline



Masdar City - Abu Dhabi



3 Hours



15 to 100 Students



Starting from AED 110 per Student (Incl. VAT)

## FIELD TRIPS





## 02 | MODERN FARMING IN THE DESERT

### Growing the Future, Sustainably

Step into one of the UAE's pioneering hydroponic farms and explore the future of food security in arid climates. Students will tour the farm, meet animals, plant and harvest crops, and take part in a hydroponics workshop. This trip showcases innovation in agriculture and the power of local, sustainable food systems.

*Key Highlight: Take part in the UAE million Tree Initiative*

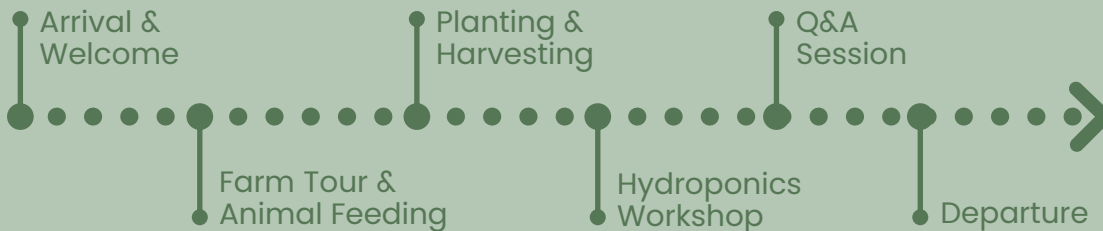
### Curriculum-Aligned Learning Outcomes

- Understand modern farming techniques like hydroponics & aquaponics.
- Learn about food security and sustainable agriculture.
- Connect local farming to global environmental challenges.
- Explore the role of technology in agriculture.
- Develop an appreciation for locally grown food.

### Sustainable Development Goals Tackled



### Field Trip Timeline



Al Rahba - Abu Dhabi



3 Hours



15 to 60 Students



AED 150 per Student  
(Incl. VAT)





# 03 | SHAMS SOLAR POWER PLANT

## Harnessing the Sun for a Sustainable Future

Discover Shams, one of the largest concentrated solar power plants in the world, located in the Western Region of Abu Dhabi. Students will explore the Al Dhafrah Innovation Centre, a hub for cutting-edge sustainable technology and research, and participate in engaging energy workshops. This visit inspires curiosity about renewable energy and demonstrates how innovation can power a cleaner tomorrow.

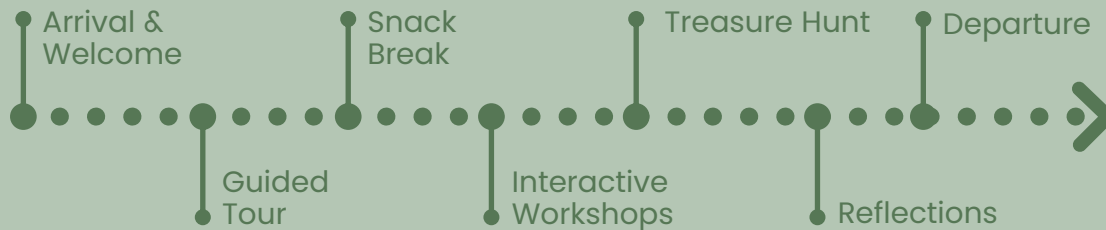
## Curriculum-Aligned Learning Outcomes

- Understand how solar power works and its benefits.
- Explore real-world applications of renewable energy.
- Discover careers in sustainable technology and innovation.
- Apply problem-solving skills in energy-related challenges.
- Reflect on the role of renewable energy in climate solutions.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Al Dhafrah - Abu Dhabi,  
Western Region



2.5 Hours



15 to 100 Students



AED 100 per Student  
(Incl. VAT)

FIELD  
TRIPS





# 04 | MANGROVES KAYAKING AND PLANTING

## Paddling Through Nature's Guardians

Experience the UAE's mangrove forests like never before, from the water and on the shore. Students will kayak through these vital ecosystems, take part in mangrove planting, and learn about their role in protecting biodiversity and fighting climate change. The trip blends adventure with meaningful environmental action.

## Curriculum-Aligned Learning Outcomes

- Understand the ecological importance of mangroves.
- Discover how mangroves combat pollution and erosion.
- Learn about biodiversity in coastal ecosystems.
- Engage in conservation through hands-on planting.
- Reflect on human responsibility for ecosystem health.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Yas Island - Abu Dhabi  
Al Zorah - Ajman



2 - 2.5 Hours



15 to 50 Students



Starting from AED 300  
per Student (Incl. VAT)

FIELD  
TRIPS





# 05 | UMM AL EMARAT – SUSTAINABLE PARK

FIELD TRIPS

## Nature’s Role in Greener Cities

Umm Al Emarat Park is a rare example of sustainable urban green space in the UAE. Students will explore how parks reduce urban heat, improve air quality, and support biodiversity. An engaging tour and hands-on activities make this a lively exploration of how nature and cities can coexist.

## Curriculum–Aligned Learning Outcomes

- Understand the role of green spaces in climate adaptation.
- Explore biodiversity in urban environments.
- Learn about sustainable landscape design.
- Develop ideas for greener urban living.
- Reflect on how individuals can contribute to urban sustainability.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Al Mushrif – Abu Dhabi



2 to 2.5 Hours



15 to 100 Students



Starting from AED 100 per Student (Incl. VAT)





# 06 | E-WASTE RECYCLING FACILITY

## Turning Old Tech into New Possibilities

Get a behind-the-scenes look at how the UAE tackles electronic waste. Students will tour a state-of-the-art facility, explore different waste streams, and compete in a dismantling and sorting workshop. This hands-on experience shows how valuable materials can be recovered from discarded electronics and turned into something new.

## Curriculum-Aligned Learning Outcomes

- Understand the challenges of electronic waste management.
- Learn about recycling processes for electronics.
- Explore the concept of circular economy in technology.
- Develop critical thinking through dismantling activities.
- Reflect on responsible consumption of electronics.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Mussafah - Abu Dhabi



2 to 2.5 Hours



15 to 50 Students



Starting from AED 150 per Student (Incl. VAT)

## FIELD TRIPS





# 07 | RECYCLING FACILITY

## A Behind-the-Scenes Tour of a Recycling Facility

Students step inside the UAE's most advanced Materials Recovery Facility, processing 1,200 tons of municipal, commercial, and industrial waste daily. This guided, hands-on field trip allows students to witness large-scale recycling operations in action and explore real-world alternatives to landfilling, connecting classroom environmental concepts with impactful discovery.

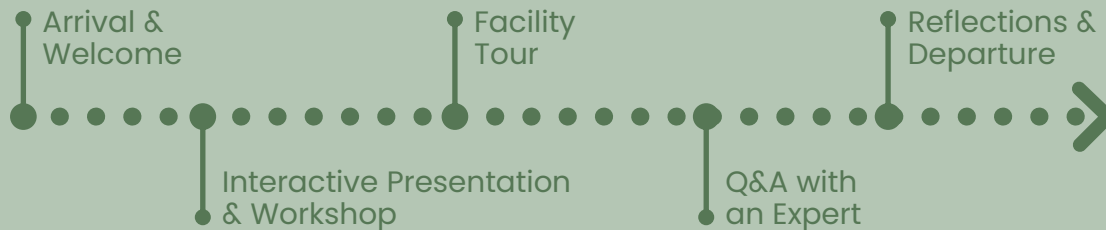
### Curriculum-Aligned Learning Outcomes

- Explore recycling and waste systems in the UAE.
- Understand the impact of waste on people and planet.
- Develop critical thinking through hands-on activities.
- Reflect on individual and collective roles in sustainability.
- Connect classroom knowledge and individual action to real-world environmental solutions.

### Sustainable Development Goals Tackled



### Field Trip Timeline



Farz Recycling Facility,  
Jebel Ali - Dubai



15 to 25 Students



2 Hours



AED 100 per Student  
(Incl. VAT)

FIELD  
TRIPS





# 08 | GHAF TREE FOREST ADVENTURE

## Sustainability in Action, Nature in Play

An engaging outdoor learning experience combining sustainability education with adventure in Mushrif Park's private Ghaf Forest. Students explore UAE's National Tree and native species through guided walk, environmental workshops, rope courses, and ziplines, building confidence, teamwork, and deep environmental stewardship while connecting to nature.

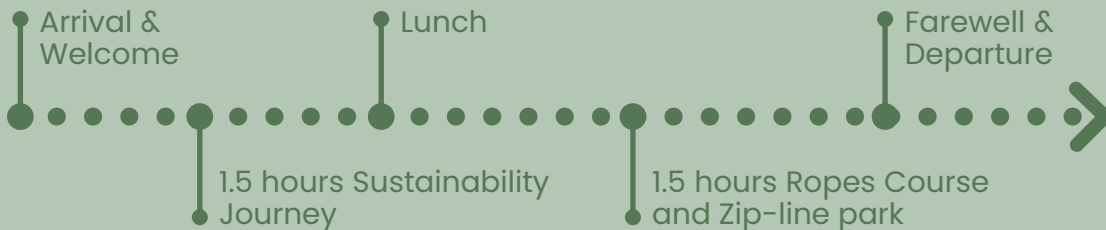
## Curriculum-Aligned Learning Outcomes

- Identify the importance of Ghaf and Neem trees in UAE ecosystems.
- Learn how earthworms support healthy soil cycles.
- Explore native biodiversity through a guided forest walk.
- Build confidence and body awareness on the ropes course.
- Experience outdoor fun with meaningful, curriculum-linked learning.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Aventura Parks,  
Mushrif Park - Dubai



15 to 150 Students

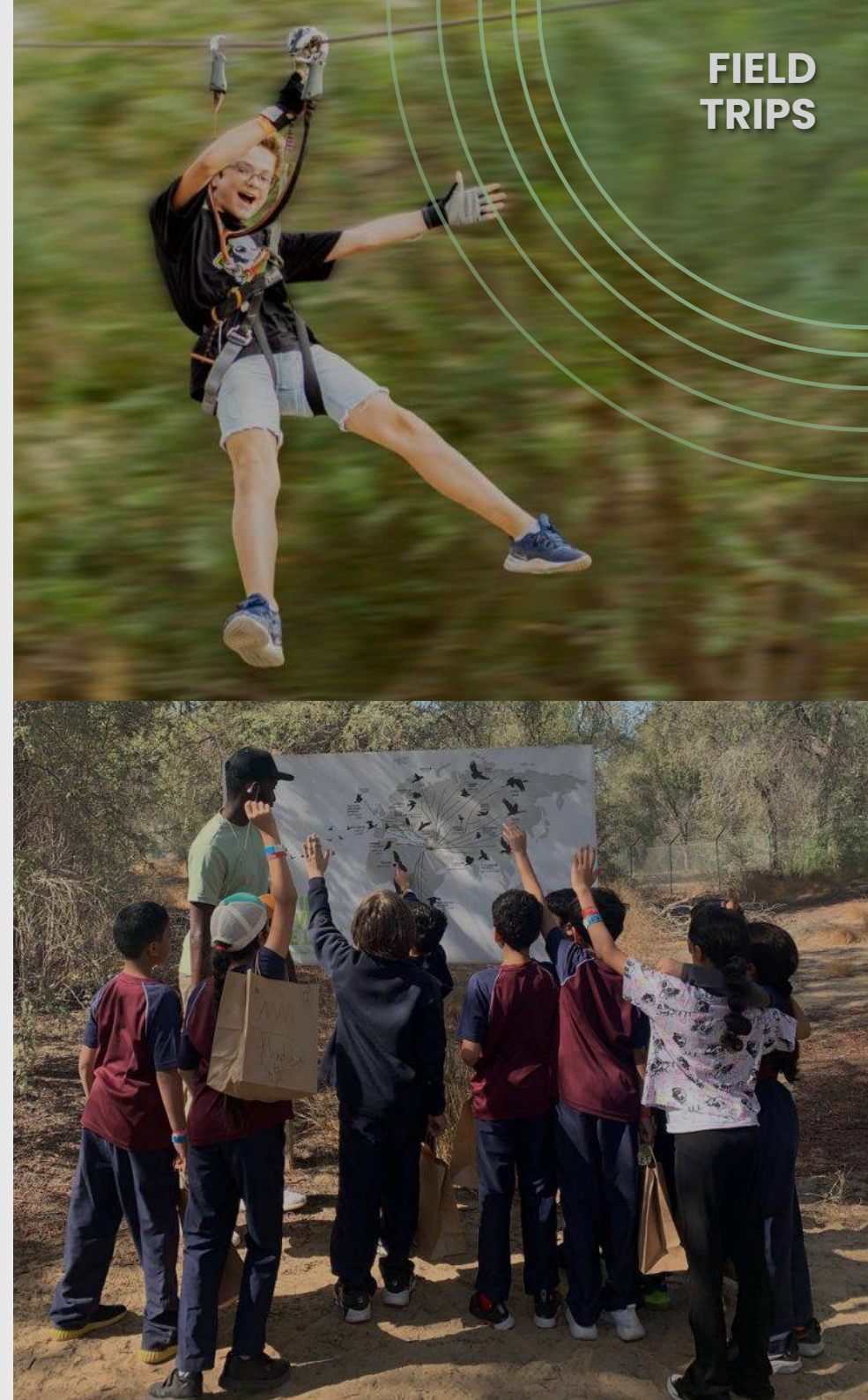


4 - 5 Hours



AED 200 per Student  
(Incl. VAT)

FIELD  
TRIPS





# 09 | DUBAI DESERT CONSERVATION RESERVE

## Desert Discovery: Wildlife & Conservation

Experience the UAE's first National Park with your students through exciting wildlife drives to see the Arabian Oryx and Gazelles, explore traditional camel farms, create authentic UAE sand art, and plant national Ghaf tree seeds. This hands-on adventure transforms desert conservation into an unforgettable learning experience while inspiring environmental stewardship.

## Curriculum-Aligned Learning Outcomes

- Learn about endangered species and local conservation efforts.
- Understand the ecological role of the Ghaf tree in the desert.
- Explore natural soil diversity and express creativity through sand art.
- Observe UAE desert ecosystems and native wildlife firsthand.
- Reflect on the importance of protecting biodiversity and natural heritage.

## Sustainable Development Goals Tackled



Dubai Desert Conservation Reserve, Margham - Dubai



4 - 5 Hours



15 to 100 Students



Starting from AED 135 per Student (Incl. VAT)

FIELD TRIPS





# 10 | THE STORY OF CLOTHES

## Rethinking Fashion & Waste

Take your students behind the scenes at Thrift for Good's Al Quoz Sustainability Hub, to understand fast fashion's environmental impact through clothing sorting tours and hands-on upcycling workshops. Students learn practical sustainability skills while discovering how their everyday wardrobe choices can create positive environmental change and responsible consumption habits.

## Curriculum-Aligned Learning Outcomes

- Understand the environmental and social effects of fast fashion.
- Learn how to reuse, upcycle and reduce textile waste.
- Discover real-world applications of sustainability in retail.
- Reflect on responsible consumption and lifestyle choices.
- Beyond Recycling: Realize the life changing impacts of giving clothes a new life.

## Sustainable Development Goals Tackled



### Field Trip Timeline



Thrift for Good Sustainability Hub,  
Al Quoz - Dubai



15 to 30 Students



3 - 3.5 Hours



AED 180 per Student  
(Incl. VAT)

FIELD  
TRIPS





# 11 | DESERT CLEAN UP

## Environmental Action in the Field

Support Dubai Municipality's environmental initiatives by taking your students to a hands-on desert cleanup at Al Qudra. Students participate in supervised litter collection, an interactive workshop, and data analysis sessions while connecting their efforts to UN Sustainable Development Goals and real-world environmental solutions, through meaningful community action.

## Curriculum-Aligned Learning Outcomes

- Understand the environmental and ecological impacts of littering.
- Strengthen teamwork, initiative, and environmental citizenship.
- Identify types of waste and their effect on desert ecosystems.
- Practice data collection and basic environmental reporting.
- Reflect on individual actions and their environmental impact.

## Sustainable Development Goals Tackled



Al Qudra - Dubai



2 Hours



15 to 100 Students



AED 80 per Student  
(Incl. VAT)

## FIELD TRIPS



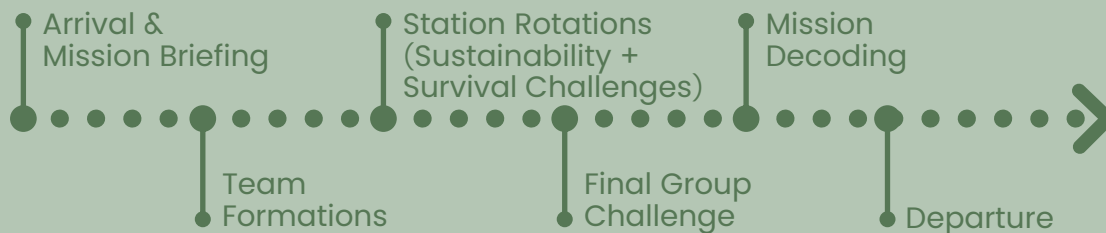


**Immersive Experience: A hands-on mission**

Students become Earth's guardians on this immersive field trip through a Ghaf Tree Forest or the Al Qudra Desert. They rotate through interactive stations including water filtration, tree planting, soil enrichment, and team challenges, collecting clues to decode a final mission while developing critical thinking and environmental stewardship skills.

**Curriculum-Aligned Learning Outcomes**

- Understand key environmental challenges: desertification, water scarcity, and deforestation.
- Apply critical thinking and scientific methods through challenges.
- Develop teamwork, leadership, and decision-making skills.
- Reflect on personal and collective roles, protecting natural resources.
- Connect classroom learning to real-world sustainability action.

**Sustainable Development Goals Tackled****Field Trip Timeline**

Mushrif Park, Al Qudra or  
Other outdoor sites – Dubai



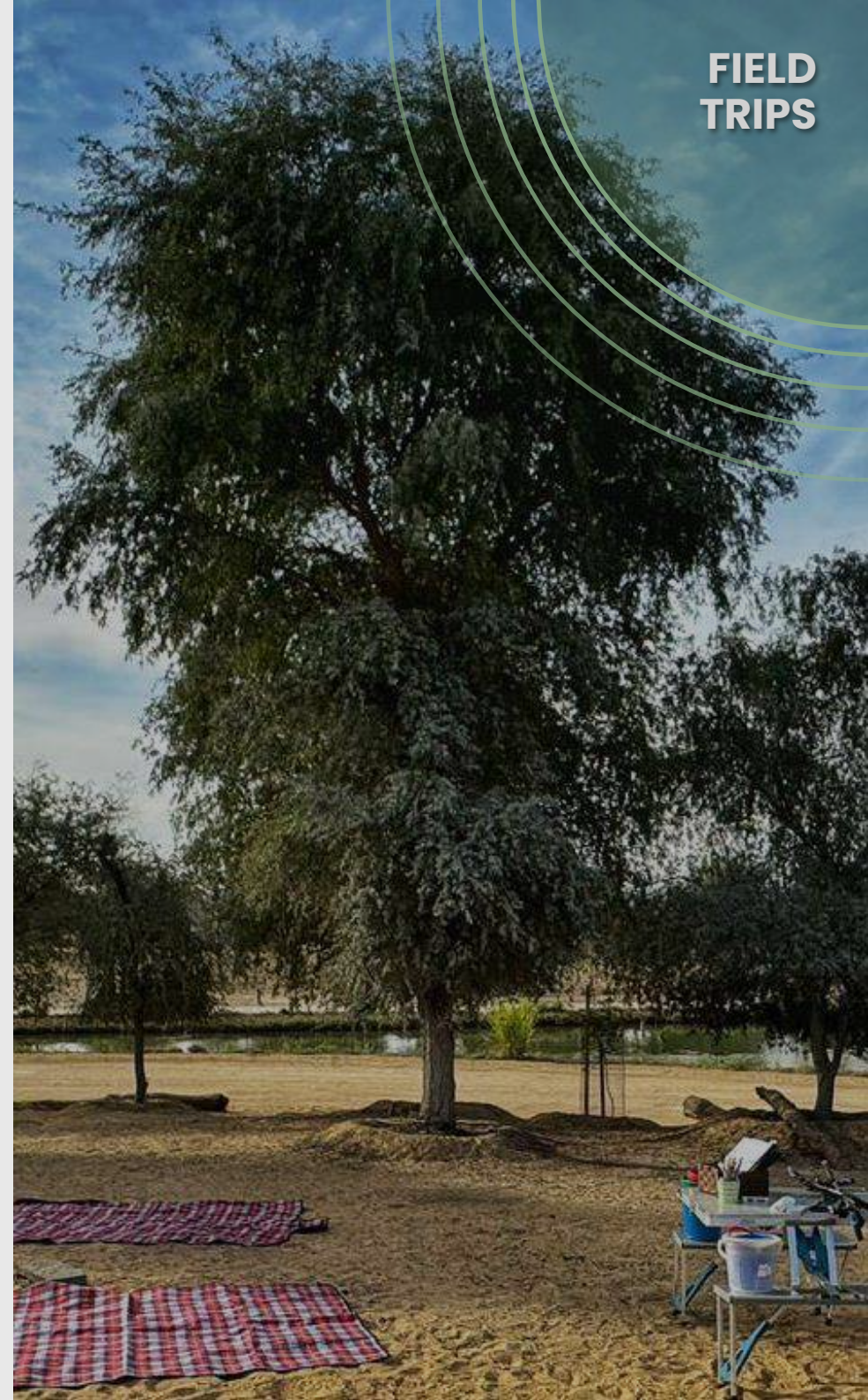
3 Hours



15 to 100 Students



AED 195 per Student  
(Incl. VAT)





**Exploring the Future of Food**

Transform your students into food system experts through this dynamic two-part agricultural adventure. Begin with hands-on classroom workshops exploring soil health, composting, and urban farming. Visit cutting-edge indoor vertical farms, where students witness sustainable agriculture in action, taste fresh UAE produce, and receive take-home planting kits.

**Curriculum-Aligned Learning Outcomes**

- Find out the link between food, farming & environmental impacts.
- Learn the basics of composting and the role of earthworms in soil health.
- Explore innovative farming methods such as hydroponics and vertical systems.
- Experience the farm-to-fork journey and seasonal/local eating.
- Feel empowered to reduce food waste & make sustainable choices.

**Sustainable Development Goals Tackled****Field Trip Timeline**

Phase 1: In School Session  
Phase 2: UNS Farm - Dubai



15 to 25 Students



Phase 1: 1 to 1.5 Hours  
Phase 2: 2 to 3 Hours



AED 160 per Student  
(Incl. VAT)





# WORKSHOPS

Eedama's workshops bring sustainability to life through interactive, hands-on activities. Students experiment, build, and problem solve while discovering how their everyday choices can shape a more sustainable world. Each workshop is designed to spark curiosity and empower participants to become changemakers.

## Themes:

-  General Sustainability
-  Urban & Design
-  Agriculture
-  Waste & Art – Sustainable Creations
-  Energy & Water





# WORKSHOPS



## CLIMATE FRESH

Students play a collaborative game to map out climate change causes and effects. They learn how human actions contribute to climate change and explore possible solutions.



## SDG: SNAKES & LADDERS

Students play a giant version of Snakes & Ladders where each square links to a Sustainable Development Goal (SDG) question or fact. They learn about the 17 SDG's through teamwork, problem-solving, and fun, interactive challenges.



## LIVING SOILS

Participants explore the importance of healthy soils through interactive activities and informative cards. They discover how agricultural practices impact soil health and discuss actions society can take to protect this vital resource.





# WORKSHOPS



## 15 MINUTE SUSTAINABLE CITY

Students work in teams to design a "15-minute city" model where all essential services are close by. They learn how urban planning can make living more sustainable and accessible.

### Take-away

Group City Design Project



## BUILDING WITH EARTH

Participants work in groups to explore and experiment with natural soil mixtures, to develop the optimal mixture for creating rammed earth structures. They learn about sustainable building techniques and the importance of soil quality.

### Take-away

Group rammed earth model



## SOIL PAINTING

Participants use soil and other natural elements to create unique artworks. They gain an appreciation for soil as a valuable natural resource.

### Take-away

Personalized soil painting





# WORKSHOPS



## ARTISTIC PLANTING

Students plant flowers in beautifully layered jars using water-saving planting techniques. They learn how proper planting methods help conserve water and promote healthy growth.

**Take-away**  
Personal plant pot



## THE WORLD OF WORMS

Students get an up-close look at worms and how they break down waste through vermicomposting. They learn about the composting process and the role worms play in creating nutrient-rich soil.

**Take-away**  
Small prize



## NEEM TREE WONDERS

Students explore the uses of the Neem tree in organic farming and cosmetics. They learn about its benefits for plant health and natural care.

**Take-away**  
Neem organic spray





# WORKSHOPS



## COMPANION PLANT SEED BOMB's

Students make companion plants seed bombs to encourage planting in a fun way. They learn how pairing plants helps them grow better together.

**Take-away**  
Seed bombs



## COMPOSTING

Students take part in a hands-on composting activity, turning food scraps into nutrient-rich soil. They learn how composting reduces waste and supports a healthier environment.

**Take-away**  
Mini Compost Jar



## ECOSYSTEM RACE

Students are introduced to different ecosystems and the species that live in each. They then play a game to test their knowledge in identifying which species belong to which ecosystem.

**Take-away**  
Small prize





# WORKSHOPS



## DIY BEAUTY PRODUCTS

Participants create natural personal care items such as lip balm, scrubs and deodorants. They learn how to make hygiene products from materials found at home.

### Take-away

Personalized organic personal care products



## ECO RESIN TRAY MAKING

Students create a decorative tray from eco-friendly gypsum-based material. They learn a no-waste crafting method to create one-of-a-kind pieces in their choice of colour and design.

### Take-away

Personalized eco-resin tray



## JAPANESE ART – OSHIBANA

Students create artwork using pressed flowers, leaves, and stems. They learn about sustainability and preservation while making a ready-to-frame piece that captures the beauty of nature..

### Take-away

Hand-made art piece





# WORKSHOPS



## PAPER MAKING

Participants create paper from scratch using old paper, shaping and forming their own sheets. They learn how to transform waste into a useful, creative product.

### Take-away

Personal recycled paper



## SOLAR OVEN

Participants learn about heat, renewable and non-renewable resources, and how sunlight can be used for cooking. They build their own solar oven and test it, discovering the power of clean, renewable energy.

### Take-away

Hand-made solar oven



## SOLAR WORKSHOPS

Participants build small solar-powered models and take part in energy challenges. They learn about renewable energy sources and explore the connection between electricity use and its production.

### Take-away

DIY Solar power Kit





# WORKSHOPS



## GLOW AND GO

Participants design a greeting card with a glowing LED light, learning how electrical circuits work. They combine creativity with basic electronics to make a unique keepsake.

### Take-away

A hand-made glow card



## BUILD A WATER FILTER

Participants design and test their own water filter, discovering how engineers turn dirty water into clean water. They explore the science behind filtration and water conservation.

### Take-away

A DIY water filter



## SELF-WATERING FARMING KIT (HYDROPONICS)

Students assemble their own self-watering planting system while exploring modern farming solutions. They learn how hydroponics and aquaponics save water and grow food efficiently.

### Take-away

Personal self-watering pot





# OTHER SERVICES

Eedama partners with schools to foster sustainability through diverse programs.

## Programs:



**All Day Sustainability Event**

Duration: Minimum 1 Day



**IB Curriculum Projects**

Duration: One off Sessions



**Teacher Training**

Duration: 5 Days



**Week Without Walls**

Duration: Multiple Days



**After School Camps & Courses**

Duration: Year long



**Green Installations & Design**

Duration: Project Based





# ALL DAY SUSTAINABILITY EVENT

## Sustainable Living and Environmental Awareness

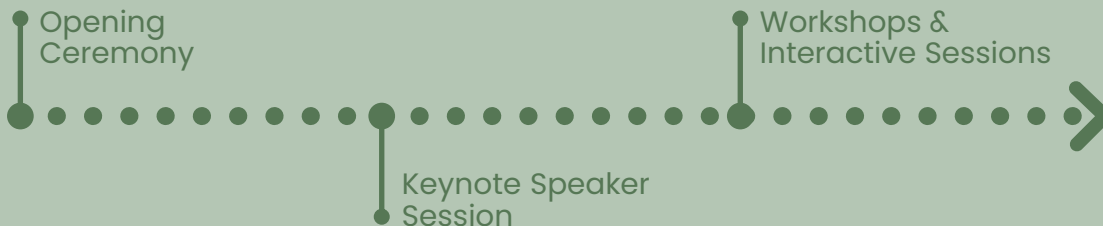
Eedama can create an impactful event that will inspire and educate students about the importance of sustainability. The event aims to increase awareness among students about environmental issues and empower them to make positive changes by showcasing sustainable practices. We aim to instil a sense of empowerment and motivate students to take action towards a sustainable future.

Sustainability Day will provide educational opportunities through interactive talks, demonstrations, and hands-on activities that promote sustainable practices such as recycling, composting, energy conservation, and sustainable gardening. These hands-on activities will help students understand practical ways to incorporate sustainability into their lives.

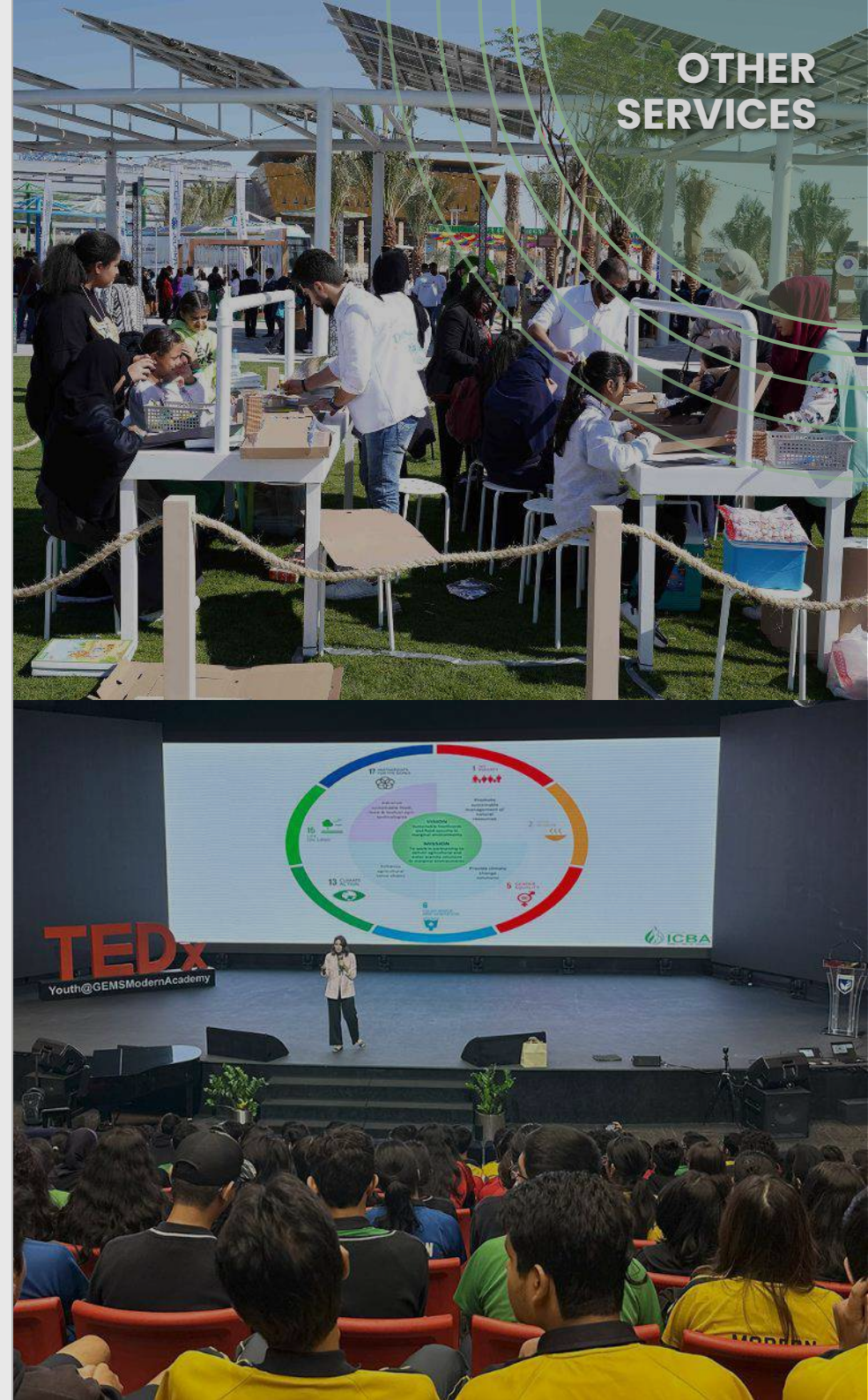
## Topics & Themes Include:

- UN Sustainable Development Goals.
- Awareness Talks & Quizzes.
- Renewable Energy.
- DIY Workshops.
- Career Orientation & Entrepreneurship.
- Sustainable Design.
- Recycling & Upcycling.
- Water & Agriculture.

### Event Flow



## OTHER SERVICES





# IB CURRICULUM PROJECTS

## Tailored experiences supporting IB students

Eedama offers experiences to International Baccalaureate (IB) students in delivering meaningful, curriculum-linked projects with real-world relevance. Developed in collaboration with schools and educators, these programs enrich learning and strengthen students' connection to sustainability. Eedama offers supporting programs for CSP and CAS.

## Collaborative Sciences Project Experience

Engaging, curriculum-aligned field trips and workshops that explore complex sustainability challenges — such as electronic waste — through the lenses of physics, chemistry, biology, and environmental sciences. Students apply interdisciplinary learning, develop critical thinking, and build impactful, science-based projects.

## CAS (Creativity, Activity, Service) Project Mentorship

Guidance and mentorship for students planning and implementing CAS projects related to sustainability. Whether it's running awareness workshops, hosting DIY sessions, or launching community initiatives, we help design purposeful projects that make a real difference.

OTHER  
SERVICES





# TEACHER TRAINING

## Eedama's Training for Teachers and Staff Programs

This 5-day sustainability training course for teachers, educators and staff interested in Education for Sustainable Development (ESD), allows them to give back to the school by informing, educating and leading on initiatives for their own group of students.

Each workshop consists of an interactive session where they get to know more about a topic related to sustainability and the environment. Teachers then can become the driving force for a long-term project led by the students at the school level.

### Topics Include:

- A global introduction to energy and environmental crises.
- Water desalination and treatment.
- The energy issue and renewable energy sources.
- Solid waste reduction and recycling .
- Climate change.
- Transport and Urban planning.
- Sustainable installation management.

### Course Flow



## OTHER SERVICES





# WEEK WITHOUT WALLS

## A hands-on and real-world based experience

Program is designed to provide students with hands-on, real-world experiences to reinforce theoretical knowledge on sustainability and the environment. It encourages cultural awareness and respect for diversity within the context of the UAE. The program stimulates critical thinking in relation to humans' connection with the environment and nature we live in. The 5-day program lasts between 3-5 hours at each location and comprises tours, discussions, activities, breaks and workshops.

### Key Highlights:

- Reinforce the Emirati traditional ecological culture and heritage and instil a sense of pride for it.
- Increase students' knowledge of critical local and global challenges & suitable solutions to address them.
- Ignite a sense of social and environmental responsibility towards daily routines and lifestyle practices rendering them more sustainable and environmentally friendly.

### Agenda: Abu Dhabi Session



### Agenda: Dubai Session



## OTHER SERVICES



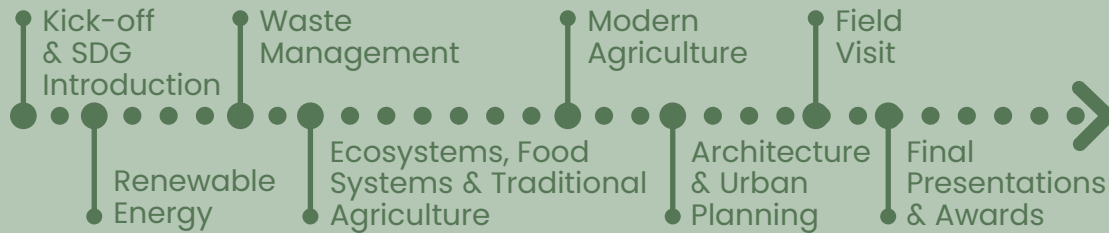


# AFTER SCHOOL CAMPS & COURSES

## Sustainable Edutainment Programs

This program is suitable for all audiences on a daily, weekly, monthly and annually basis. It includes workshops, activities, field trips, mentoring and training sessions all under various sustainability themes. Programs can be delivered at your location, commercial locations or through online platforms. Tailor, mix and match from more than 50 different sessions, multiple professional training options and up to 15 various field trip locations.

### Course 1: General Sustainability



### Course 2: Entrepreneurship



### Course 3: Career Advising & Success



## OTHER SERVICES





# GREEN INSTALLATIONS & DESIGN

## Green Mobile Installations

Eedama can advise on simple or large installations that can help your space become environmentally friendly, offering advice on a range of installations from a small permaculture-like garden to aquaponics and solar panels. Eedama also provides training on how to maintain the features along with the installation process to ensure sustainability.

### Services offered:



Training sessions on project operations and maintenance.



Design consultancy and feasibility studies.



Project management with sustainable construction practices.



Design services with eco-construction methods.



Mobile installations comprising sustainable agricultural systems.

### Installations:



Hydroponics: Growing & Planting without soil.



Solar PV: Use of Solar Energy.



Urban Farming Systems: Composting & Permaculture.

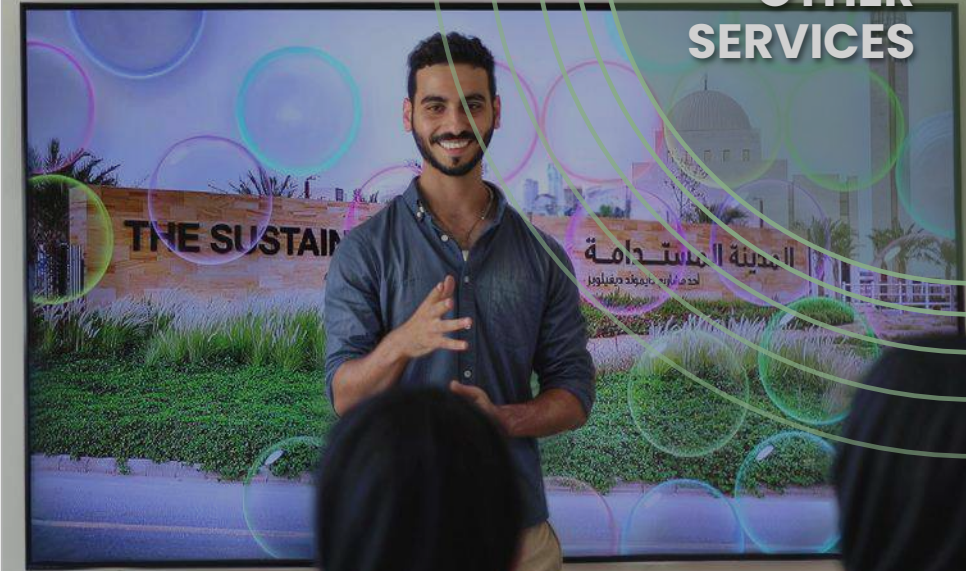


Vertical Farming: Improving wellbeing with green walls.



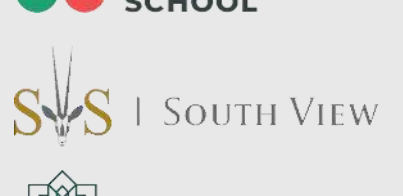
Aeroponics: Cultivating plants in air.

## OTHER SERVICES





# SCHOOLS SERVED







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10 YEARS OF IMPACT

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Scan QR Code here  
to see us in action!

“Let's create meaningful  
change together!”

