

Masdar – sustainable city

Masdar City is an ecosystem integrating urban planning, knowledge, research and development. Our focus during the tour is livelihood, innovation and sustainability of Masdar City. By pushing the boundaries of design and innovative technology, it offers a innovative ecosystem housing pioneering R&D and pilot facilities that nurture and implement ground-breaking solar energy, energy storage, green building and urban sustainability projects. Masdar City's template for a sustainable city also showcases the effective deployment of passive design that is tailored for arid, desert regions.

During this tour, we emphasize the design of the buildings and the planning of the city: Some time is taken to specifically discuss the absence of cars and how life is organised (neighborhood shops, accessibility of administrations...) as well as the general design of streets, the urban natural cooling, and the buildings architecture.

Understanding how Ancient Arab architecture was used in Masdar Cityis vital in order to understand the importance and richness of UAE culture and history. The Burjeel, the Msharrabiyye, the narrow streets... All these are elements from Arab architecture that were modernised using present technologies and are used in Masdar.











MASDAR TOUR OPTIONS

Option 1

Engaging Guided tour with short talk

Rate: USD 37.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 2 hours

Talk: Sustainability, Energy & Innovation

• Minimum Group Size: 12 guests

Option 2

Engaging Guided Tour with talk and workshop

Rate: USD 70.00 per person

• Eedama Facilitator: 1 per 15 guests

Duration: 2 h 30 min

Talk: Sustainability, Energy and Innovation (with presentation slides)

• Workshop: Sustainable Audit or Treasure Hunt

Minimum Group Size: 12 guests

Option 3

Engaging Guided Tour with talk and special workshop

• Rate: USD 98.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 3 h 30 min

• Talk: Sustainability, Energy and Innovation

• Workshop: Sustainable Audit or Treasure Hunt

Invited Guest: Socially Innovative Local Start-up (special request, to be discussed

in advance)

Minimum Group Size: 12 guests











Emirates Biofarm – Organic farming

Emirates Bio Farm, besides being on of the most organic farms in the region, has created a fully integrated tourism center to allow visitors to experience farming in a safe and fun environment. The facilities include a farm shop, outside dining/gathering area, experience center, greenhouse restaurant as well as an Arabian tent overlooking the farm and open desert dunes.

In a collaboration with the farm, Eedama offers engaging guided tours around the plantations. Participants will be able to learn about organic farming practices adapted to the Gulf Environment.

In the aerated visitor's centre, carefully designed workshops will embody handson activities, not only aiming at creating awareness and knowledge about sustainable farming, but also providing some relevant skills. The slow food movement will be presented and discussed. Depending on weather, games and barbecue could be organized on neighbouring dunes.

The programme usually ends with a planting workshop, using the principles of permaculture. Participants will leave the farm with a pot that will start their urban home garden. Topics touched during the tour: organic and urban farming, food cycle and food waste, pollution, climate change and carbon footprint.











Emirates Bio farm visit

Option 1

Farm Tour, Workshop

Rate: USD 36.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 2 hours

Talk: Sustainability, Organic Agriculture

Workshop: Artistic Planting

Minimum Group Size: 12 guests

Option 2

Farm Tour, Workshop, Talk

Rate: USD 70.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 2 h 30 min – 3h

 Talk: Sustainable agriculture, the food cycle, organic food (with presentation slides)

• Workshop: Organic farming

Minimum Group Size: 12 guests

Option 3

Farm tour, Organic Lunch/Dinner, Meditation or Yoga Session

Rate: USD 70.00 per person + Lunch (see next page)

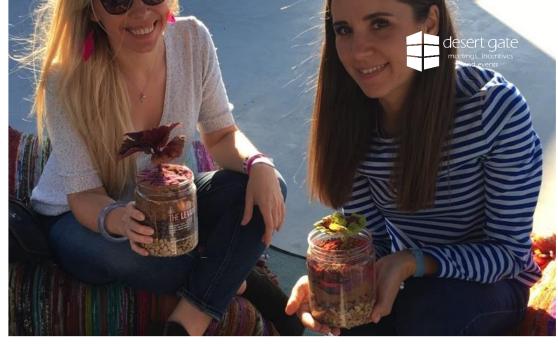
• Eedama Facilitator: 1 per 15 guests

• Duration: 2 h 30 min – 3h

 Talk: Sustainable agriculture, the food cycle, organic food (with presentation slides)

• Session in the dunes: Sunset Yoga or Meditation

Minimum Group Size: 15 guests











Emirates bio farm visit

Workshop and talk discussed and customized based on group background and interest. Alternatives sample:

- Permaculture Design: From agriculture to Urban farming
- Companion Planting
- Artistic Planting
- Upcycling Reuse Reduce Recycle

Organic Lunch

Option 1: Pizzas and Salads @ USD 45.00 per person

Fresh pressed juices, coffee and teas - 3 starters/salads (Farm Fresh Fatoush, Coleslaw with homemade mayonnaise, Grilled sweet corn w/ parmesan parsley and chilli powder) - 3 varieties of oven baked pizza - Dessert (Homemade carrot cake)

Option 2: Buffet of seasonal organic vegetarian menu @ USD 66.00 Per person Fresh pressed juices, coffee and teas - 3 starters (Grilled sweet corn w/ parmesan parsley and chilli powder, Grated Beetrool muttabal, Raw pumpkin kibe stuffed with spinach feta cheese walnuts and pomegranate seeds) - 2 salads (Farm Fresh Fatoush, Char grilled vegetable salad with pomegranate tahini) - 2 mains (Thai vegetable curry with rice, Zoodles with basil pesto) - Dessert (Homemade Carrot cake)

Option 3: BBQ @ USD 72.00 per person

Fresh pressed juices, coffee and teas - 3 starters (Grilled sweet corn w/ parmesan parsley and chilli powder, Grated Beetrool muttabal,Raw pumpkin kibe stuffed with spinach feta cheese walnuts and pomegranate seeds) - 2 salads (Farm Fresh Fatoush, Char grilled vegetable salad with pomegranate tahini) - BBQ station of meats and chicken - Dessert (Homemade Carrot Cake)











Mangroves Abu Dhabi

The Mangroves are an important part of our natural eco-system and their survival is a key to sustainability in the UAE. They are the source of biodiversity and are able to control air pollution by naturally filtering out industrial and other types of waste. They can also grow where no other tree can grow. Eedama, in collaboration with Noukhada Adventures Company, offers an educational and socially responsible programme along with an exciting kayaking

tour that highlight the importance of such eco-system.

The day starts with an advanced and interactive introduction about the mangroves ecosystem and its unique caracteristics. Then participants jump into the kayaks and paddle through the Eastern Mangroves National Park. Along the tour, regular stops are made and the participates engage in regular discussions about plastic waste, water filtration and the importance of mangrove trees for the UAE's environment. They have to collect plastics found on the way. Topics touched during the tour: Mangrove importance, Mangrove history, plastic pollution, biodiversity, environmental crisis, kayaking & health.











Mangroves Abu Dhabi

Option 1 Kayaking, Discussions, Plastic picking

• Rate: USD 95.00 per person

• Eedama Facilitator: 1 per 15 guests + 2 safety officers

• Duration: 3 hours

• Discussions: Natural ecosystem, plastic, harmony with nature

• Minimum Group Size: 12 guests

Option 2 Kayaking, Plastic picking, Barbecue, Workshop

Rate: USD 158.00 per person

• Eedama Facilitator: 1 per 15 guests + 2 safety officers

• Duration: 5 hours

Discussions: Natural ecosystem, plastic, harmony with nature

• Barbecue: Altogether, during one of the tops

• Workshop (after BBQ): Upcylcing

• Minimum Group Size: 12 guests











Water recycling and nature - Kalba

Reed Beds or Constructed Wetlands are a natural way of recycling wastewater. The water is filtered in gravel and sand filters planted with green plants with flowers. Reeds take advantage of the nutrients present in the wastewater and grow very rapidly. They then attract a whole ecosystem, including migrating birds. We develop these activities in collaboration with Reed Bed Contracting Company.

The installation that participants get to see is situated in Al Hefaiyah mountain conservation center in Kalba area, Sharjah emirate. The conservation center features all the UAE wildlife, both fauna and flora, in a unique interactive and almost free space setting. Participants will also follow a guided tour of the center with local guides, in collaboration with Eedama's facilitator.

This trip includes multiple features:

*Water: Participants get to see a natural way of treating water. *Ecosystems: Participants roam the conservation center and the reed bed area (usually not accessible to the public) and observe the ecosystem.

*Scientific Experiment: Water treatment. Participants get to fabricate a natural water treatment facility by themselves.

The following topics are touched upon: Fresh water sources in an arid climate, fauna and flora, Water sources and Water recycling, Irrigation and agriculture in the UAE.











Water recycling and nature - Kalba

Option 1

Al Hefaiyah reserve, Reed beds, Water quality measurement

• Rate: USD 66.00 per person

• Eedama Facilitator: 1 per 15 guests

Duration: 3 hours

• Discussions and workshop: Wild life, water treatment, water resources, water

quality measurement onsite

Minimum Group Size: 12 guests

Light snack: Sandwiches and fruits

Option 2

Al Hefaiyah reserve, Reed beds, Natural water treatment experiment

• Rate: USD 98.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 4 hours

Discussions: Wild life, water treatment, water resources, water quality

• Scientific experiment: Soil and water interaction (Erosion observation and water

treatment, done and observed by the participants)

Minimum Group Size: 12 guestsLight snack: Sandwiches and fruits











A sustainable park – Abu Dhabi

Parks are important to our urban scape because they act as lungs for the city. They help in reducing heat in the city through the co-called island effect. Also, the plants and flora help reduce the impacts of climate change by absorbing pollution. If designed well, parks can also act as conservation and restoration areas for natural habitats, and be the source of biodiversity within the city.

Eedama offers an educational trip to one of the rare parks in the UAE, Umm Al Emarat park, where sustainability and environmental friendliness were considered.

Guests will participate in an engaging tour that tackles various topics related to sustainable open spaces followed by a hand-on activity. Umm Al Emarat park holds many interesting features that will be highlighted during the tour, such as: Grey Water Recycling, Water Saving Features, Sustainable Transportation, Organic Farming, Community Participation, Shade House, Energy Efficient Fixtures, Inclusiveness, Conservation.











A journey to the roots - soil museum Dubai

No soil, no us! What is under your feet is more important than you think. That's why this fieldtrip highlights the importance of soil in our lives through guided tour at the Emirates Soil Museum Dubai.

The museum has both an indoor and an outdoor exhibition that is designed to make participants eager to learn more about the world of soil. Every field trip to Soil Museum with Eedama includes debate, role-playing, experiments, games and workshops for participants to grab a better understanding of the topics addressed.

The topic of this fieldtrip can be adapted depending on participants interest, age and curriculum. Topics include composting, planting, identifying types of soil, water & soil analysis, permaculture, urban farming.











A journey to the roots - soil museum Dubai

Tour, engaging activities and workshop

• Rate: USD 66.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 3 hours

Interactive and engaging tour:

Grey Water Recycling, Water Saving Features, Sustainable Transportation, Organic Farming, Community Participation, Shade House, Energy Efficient Fixtures, Inclusiveness. Finding the Estidama (green rating system) plants that are suitable for the UAE climate

Workshop:

Participants will do a reol play where they have to plan the renovation of another park in the UAE. They will be given all the necessary tools and time

Minimum Group Size: 12 guests

Light snack: Refreshments, Coffee and fruits











Tree planting

Contribute to mitigating climate change while making earth a healthier place: Tree planting has multiple benefits, from absorbing carbon to creating cool shade and a friendly feeling. Eedama organises and supports several tree-planting initiatives across the UAE. With Eedama, participants have the guarantee that the planted trees are naturally grown, and will be taken care of after the participants plant them. Several locations are available, depending on the season and logistics.

Option 1: Al Awir – Tree planting – team-building – picnic

Rate: USD 66.00 per person

Eedama Facilitator: 1 per 15 guests

Duration: 3 hours

Activity and discussion: Tree planting in a desert area

Minimum Group Size: 12 guestsLight snack: Sandwiches and fruits

Option 2: Emirates Biofarm – Farm Tour – Tree planting – Lunch options

• Rate: USD 110.00 per person + Lunch price

Eedama Facilitator: 1 per 15 guests

Duration: 3 hours

 Discussions and workshop: Wild life, water treatment, water resources, water quality measurement onsite

Minimum Group Size: 12 guestsLunch Options: See page 9

Option 3: Jebel Ali in collaboration with GoumBook – Ghaf Tree planting

Rate: USD 66.00 per person

• Eedama Facilitator: 1 per 15 guests

• Duration: 3 hours

 Discussions and workshop: Tree planting in a desert – Discussion with GoumBook green organisation

Minimum Group Size: 12 guestsLight snack: Sandwiches and fruits









