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EEDAMA'S SERVICES

WHAT DOES EEDAMA OFFER?

Take the lead in driving your company, university or community towards sustainability with Eedama's initiatives! We work to enhance understanding of sustainability and empower action through professional training and field trips, environmental consultancy services, sustainable installations and impactful community service opportunities.



SUSTAINABLE PACKAGES

Eeedama offers strategic packages combining awareness sessions, installations and more to provide you with a holistic experience



AWARENESS WORKSHOPS & CAMPAIGNS

Eedama provides environmental awareness and engaging workshops at your workplace or in our offices.



SUSTAINABLE INSTALLATIONS

Eedama works with you to design and install sustainable features at your workplace, home or community



PROFESSIONAL TRAINING

Eedama offers interactive courses and workshops covering a variety of environmental topics that helps you gain in-depth understanding of concepts relating to sustainable development



TEAM BUILDING ENVIRONMENTAL FIELD TRIPS

Eedama organizes engaging field trips for you to truly experience the reality of sustainability through experiential activities, tours, camping trips and outdoor activities



CONSULTANCY

Eedama offers consultancy to students, individuals & companies seeking to design, install or transform their environment into a more energy efficient and sustainable one



Would you like your space transformed to become sustainable? Consider one of our packages that offer awareness, installations and even field trips. Eeedama compiled strategic offers in packages combining various types of interventions such as awareness campaigns, relevant installations and transformations of the space, and related activities.

O RECYCLING

- Awareness Campaign
- Installation (bins + collection)

Ø FOOD WASTE

- Awareness Campaign and Workshops
- · Composting installation onsite
- Field trip (related to sustainable farming)

O WATER SAVING

- Awareness Campaign & Workshops
- Assessment and transformation of the space with water saving tools.
- · Study of the relevance of naturally

Q: CUSTOMISED PACKAGES

If you have a specific topic in mind, or if there are a number of our individual services that you would like to combine, we can tailor a package to your needs!

Example of topics:

Energy saving, Gardening...





Eedama's edutainment approach through hands on activities and workshops aims to instill environmental conscious and sustainability concepts in order to make changes in the day-to-day behaviors: This campaign aims at triggering behavioral change amongst employees, tenants, users and promoting a shift away from consumption based mindsets.

The package is adapted to a facility with a large number of tenants/inhabitants such as: A mall, a compound, an apartment building.

THIS PACKAGE IS BUILT ON THE TRYPTIC REDUCE/REUSE/ RECYCLE, AND IS MADE UP OF SEVERAL COMPONENTS:

- An awareness campaign inside the facility
- A series of fun, interactive and informational
- · Hands on training for the concerned services (cleaning personnel)
- · A modification to the facility through various installations and initiatives to encourage reducing, reusing and recycling with the appropriate signages
- · The organization of the sorted waste collection & recycling through collaboration with the best service providers in the market

PACKAGE AIM...

Eedama wants to transform your workspace into a sustainable organism and aid your employees to contribute to reducing, reusing and recycling!

IN ABU DHABI...

Improving waste management in the Emirate is one of the Government's five priority areas set out in the Abu Dhabi Environment Vision 2030. With new schemes and facilities around the capital, recycling will soon become mandatory: Working with Eedama on organising sorting and recyclables collections helps companies be pioneer in the change.



AWARENESS

CAMPAIGNS & WORKSHOPS

Introduce your teams to the world of Sustainability! Eedama offers awareness activities and workshops at your workplace or in our offices. All awareness sessions are fun and engaging, and coupled with an interactive activity that follows the principle of learning by doing. We believe that it is the only way we can change behaviors and leave a sustainable impact. Eedama provides:

1. Awareness Sessions

Can be done in your location or in our offices. Sessions usually take up to 1.5 hours.

2. Interactive Workshops

Can be done in your location or in our offices and can take up to half a day.

3. Awareness Campaigns

Done in your company or your preferred location for a full day event as well as longer term signage, posters and info points.





M AWARENESS CAMPAIGNS

Eedama offers to organize awareness campaigns with your company by creating impactful events and announcing your efforts publicly. Eedama organizes a campaigning event having interactive booths, advertisements and social media campaigning.

M AWARENESS SESSIONS

- · Recycling and sorting
- Food waste
- Energy saving
- Water saving

M INTERACTIVE WORKSHOPS

Workshops are meant to be an ultimately fun way to learn a new environmental concept by hands on activities. Coupled with suggested installations in your offices, workshops aim to leave significant impact on your habits and physical workspace. Engaging and fun workshops include:

GARDENING AND PERMACULTURE:

Gardening is an activity that can be fun and relaxing. At the same time, producing one's food greatly helps decreasing the environmental footprint of a home, company... The use of permaculture techniques, mimicking nature, helps increasing productivity as well as harmony with nature.

SUSTAINABLE PLANTING

This workshop shows the basic principles of planting in a sustainable manner and how to reduce the water consumption per plant by using the right planting components. Participants will be able to plant in their own jars and can water the plant once a day rather than a couple of times.

AQUAPONICS GAMES:

Build an aquaponic system that gathers fish and plants energy together. This is a great DIY activity that then allows to actually grow plants... and fish!

ZERO WASTE:

A workshop that encourages employees to change their lifestyles and practices to match sustainable natural cycles, where all discarded materials found at the office or at home can be designed to become resources for other uses. This workshop includes Do-It-Yourself activities and engaging games to practically master sustainable art practices.

SUSTAINABLE INSTALLATIONS

Transform your space, make it a better place! From urban gardening to recycling, Eedama helps you design and install sustainable features at your work space and even your own home. Eedama also provides trainings on how to maintain the features along with the installation process to ensure sustainability.







SOLAR ENERGY

Clean energy for a reduced energy bill and a better tomorrow

Eedama offers solar energy consultancy for various types of audiences and application. Solar systems technologies greatly differ: You might need an autonomous solar panels+battery system or a grid-connected system. Or simply, you might want to try out a solar table. Installation includes:

- Dimensioning and calculation of savings
- Installation of solar and/or battery sytems
- Training for maintenance or educational purposes

RECYCLING

Do recycling & sorting right!

Every company, school and house needs to have sorting and recycling facilities, however; these facilities tend to be disregarded. Eedama, however, can make it happen! Eedama can organize your bins, contact the most suitable collection company for you, and implement a sustainable sorting and recycling plan. Installation includes:

- Assess the need, location and number of bins needed
- Connect you to relevant recycling stakeholders
- Install Recycling bins

COMPOSTING

Food waste reduction & recycling

Reduce the organic waste sent to landfills by composting in your own office! Composting boxes turn your offices food waste to fertile soil that can be used to make your office greener. Installation includes:

- 1 large box for fermentation
- 2 boxes for decomposition
- 1 box for gardening
- Number and size of boxes will be adapted to the location



AQUAPONICS The key to sustainable

ne key to sustainable planting

Eedama will install a system that couples a fish containing aguarium with a growing bed on top for plants and vegetation. The water is naturally filtered for the fish by the plants on top while the fish's waste provides an organic food source for the plants, which in turn produces organic food! This installation saves water, doesn't need as much cleaning as normal fish aquariums do and requires very low maintenance Installation includes:

- Aquarium
- <u>Plants Bench:</u> To place plants and the gravel
- Gravel
- <u>Pump</u>: To circulate the water from the aquarium up to the growing bed



ATMOSPHERIC WATER GENERATOR

Sustainable drinking water

An installation that allows you to generate drinkable water from air humidity. A water generator extracts water from air by condensing the humidity in the air into water.



WATER SAVING

Installing filters & devices that help you save water

Have you ever wondered how you can contribute to help save and conserve our water resources while also reducing your water bill? There are many simple hands-on and practical solutions to implement at your workspace, school or home. Eedama can help you assess the saving potential by installing devices that help in:

- <u>Saving:</u> Reduce water consumption
- Treatment: Filtering to drinkable water



URBAN FARMING SYSTEM

A garden in a box!

Eedama collaborates with AgricultureBox in order to offer you a box that transforms underutilized spaces into urban farms and makes them more friendly so you can enjoy the incomparable taste, quality and nutritional value of fresh home grown organic produce. This installation is suitable for homes, schools, restaurants, and corporates

- Boxes
- Selection of plants & starting soil
- Training on use and maintenance



An Installation that allows you to grow plants without soil, using mineral nutrient solutions in a water solvent. This installations advantages include:

- Producing food locally
- Doesn't need soil
- · High water saving efficiency



SUSTAINABLE HOMES

Be part of the sustainable home puzzle

Sustainability at home is an important part of the "sustainable world" puzzle! Eedama offers to install, train and advice on the following topics:

- Green Roofs
- Make water from humidity using your AC
- Reduce your AC's electricity consumption
- Go for aquaponics!
- Go for compost!

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PROFESSIONAL TRAINING



Eedama offers full day training programs including interactive courses and workshops covering a variety of environmental topics. Through our training programs, you will gain an in-depth understanding of sustainable development and are empowered with environmentally related knowledge.

Professional Development for staff can be a 1 to 4-day series of interactive courses and workshops. It will contain factual and rigorous scientific data with key concepts for staff to understand sustainable development, both from the fundamental point of view as well as the market potentialities. This can potentially include site visits and outdoor activities. The existing training programs that are offered are:

- 1. Solar Energy Training
- 2. LEED GA Training Program
- 3. Sustainable Development & Green Entrepreneurship Training
- 4. Other Sustainable Topics

SOLAR ENERGY: FROM MARKETS TO TECHNOLOGY

Scientific and hands-on training about photovoltaic solar energy, which is experiencing today an extremely fast growth in the region. This training covers essential knowledge and skills required to become a professional in the PV industry in the region. The training is a gathering of scientific knowledge and first hand exposure to real-life solutions.

<u>Practicalities:</u> A 1 day program including hands-on activities applicable in UAE & Lebanon

SUSTAINABLE DEVELOPMENT & GREEN ENTREPRENEURSHIP

This program covers the topic of sustainable development, with a focus on the Gulf. The training focuses on various topics related to Sustainable Agriculture, Plant-based Water Treatment Facilities, Startups, Innovation, Impact Renewable Energy, Technologies and Markets. Participants will get the chance to meet a broad diversity of players: Engineers, CEOs, strategy advisors, start-up founders and mentors.

Practicalities: A 3-day program including field visits and start-ups' meetings. Presently offered based in the UAE but can be tailored to other regions of the Middle-East.

E LEED® GREEN ASSOCIATE TRAINING PROGRAM

Leadership in Energy Environmental Design (LEED) is the most popular green building rating system that aims to help students, engineers & owners be more environmentally responsible. Be a step closer to earning the LEED professional credential by taking part in the LEED GA Training Program. The program focuses on the latest edition of the LEED V4 and highlights concepts related to the LEED Process, Integrative Strategies, LEED credit categories, Project Surroundings and Public Outreach.

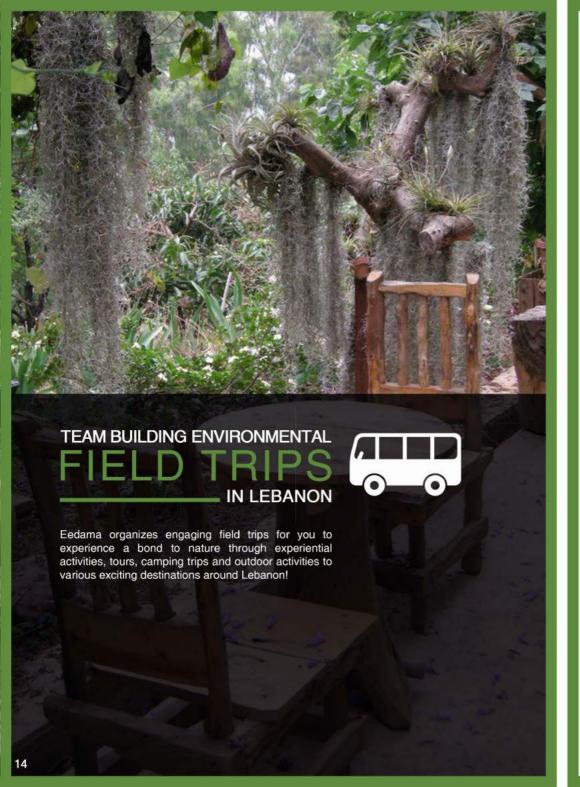
Eedama will help participants register for the exam and train them on the major aspects of what is covered on the LEED Green Associate exam by providing slides, handbooks, practice questions and flashcards so that they are prepared to pass.

Practicalities: Program is tailored upon requests & is eligible for private & group sessions. Offered in UAE.

OTHER SUSTAINABLE TOPICS

Eedama offers University level courses on diverse topics including natural sciences, technology and more in relation to sustainability.

Practicalities: Offered in Lebanon & UAE.









Pedagogical Farm in Al Qsaibe

Attend the location for a company lunch in nature, made according to the village traditions, and tour around certified organic gardens.



SAMEN ECO GARDENS

Urban Jungle in Fanar

Discover how nature can be embedded in the city! You will be able to visit an urban jungle and identify a number of plants and animals you have never seen before.





JUZURUNA BUZURUNA

Organic Farming in Saadnayel

Receive hands on training on organic farming (from biopesticides to compost making and seedlings) and physically help with the farm. You will have the possibility to taste an authentic meal made with fresh farmed produce and learn all about its origins.



Permaculture in Lessa, Ibeil District

Visit the wondrous farm that opens doors to learning about the basics of food growing, permaculture and beekeeping. Meet the lovely farmers behind it that will welcome you with open arms to experience their biodynamic agriculture and their applied sustainable architecture.







Masdar city tackles the issue of energy consumption by reorganizing its urban planning to become a carbon-neutral and car-free space. It gives an insight on how to design a sustainable city with low-energy consumption without compromising a comfortable lifestyle.

On this trip:

Participants will take part in a guided tour to experience a 'real size' sustainability experiment and then engage in a treasure hunt to apply their gained knowledge of the topics discussed during the tour.

Make a difference!

For every group of participants that engages in a Masdar City tour, a group of underprivileged children from UAE or Lebanon will get to enjoy a field trip too. A follow-up will be done and the participants will receive pictures and videos from the kids' trip. We aim for participants to bond with their colleagues, understand sustainability first-hand and give children a chance to do the same.







Organic Farming between Dubai & Al Ain

Be a farmer for a day and learn permaculture to apply your skills at home! Emirates Bio Farm, a lush greenery melting in the desert, sets an example of organic farming adapted to the Gulf environment.

On this trip:

Participants will take part in a guided tour around the plantations where they will learn about organic farming practices and engage in a workshop afterwards. An outdoor activity and barbecue is organized on neighbouring dunes.

Make a difference!

Participants will take part in hands-on workshops that will teach them the basics of sustainable farming and build their skills. They will then be able to start their own urban garden at home. Participants will be given their own pot and can soon after eat home grown organic vegetables.

EASTERN MANGROVES

Educational Program & Kayaking in Abu Dhabi

Kayak in the Mangroves and Make the UAE Greener! The Mangroves in Abu Dhabi form an essential part of our natural ecosystem: they are a source of biodiversity, they naturally control air pollution and can also grow where no other tree can grow!



On this trip:

This field trip, in collaboration with Noukhada Adventure Company, offers an educational experience to participants and highlights the importance of this ecosystem. Participants will do a kayaking activity where they will observe and explore the Eastern Mangroves National Park.

Make a difference!

Participants jump into the kayaks and paddle through the Eastern Mangroves National Park. They will engage in a clean-up of plastics along the tour and/or after. They will develop and learn about strategies to decrease plastic pollution in their daily lives.





REED BEDS

Waste Water Recycling & Wild Life in RAK

The Al Hefaiyah Wildlife Conservation Center recycles wastewater naturally thanks to its beds of reeds! Reed Beds, or constructed wetlands, recycle wastewater naturally through gravel and reeds-planted sand.

On this trip:

Participants are introduced to UAE's wildlife as well as to the wonders of naturally recycling wastewater. They will observe the whole ecosystem that develops around the reeds. They will engage in a tour of the reed bed, a scientific experiment and a tour of the wildlife center.

Make a difference!

1 in 10 people lack access to clean water. Participants who take part in this environmental field trip help fund sustainable models of wastewater management and water filtering technologies around the world in order to bring clean water to those in need.

GHAF TREE PLANTING

Planting & Urban Gardening in Dubai

The Friendly Tree That Grows in the Desert! The Ghaf tree has the unique ability to grow in the harsh desert environment requiring very little irrigation to thrive and stay green. The Ghaf tree is interwoven with the history and culture of the country and was declared the national tree of the UAE in 2009.



On this trip:

'Give a Ghaf' initiative, in collaboration with GoumBook and Sandy Seeds, focuses on the fascinating features of the Ghaf tree. Participants will get involved in a discussion and seed planting activity followed by an urban farming activity.

Make a difference!

Participants will actively contribute to making the UAE greener and more sustainable by discussing the importance of tree planting, planting a Ghaf Tree and designing their own home garden. This trip is organised in close collaboration in GoumBook, who has already planted tens of thousands of Ghaf seeds in the UAE!



UMM AL EMARAT PARK

A Sustainable Park in Abu Dhabi

Umm Al Emarat Park is a rare and unique sustainable and environmentally friendly park in the UAE. It is designed to include grey water recycling and water saving features, sustainable transportation, conservation features and organic farming.

On this trip:

Participants in this tour will learn about the importance of parks in our cities and the main features that contribute to sustainable development through the tour, discussions and a hands-on activity.

Make a difference!

Participants will enjoy an interactive activity in the park while giving a group of underprivileged children from UAE or Lebanon a chance to enjoy an environmental field trip too.

ETHEREAL ART & PHOTO STUDIO

Creating Sustainable Art in Abu Dhabi

In collaboration with the Art Studio by Ethereal, Eedama offers a program under the name of "Trash to Treasure" in an Art gallery and photography studio. The gallery currently exhibits different forms of art but is currently moving towards showcasing more sustainable art work to support the green movement.



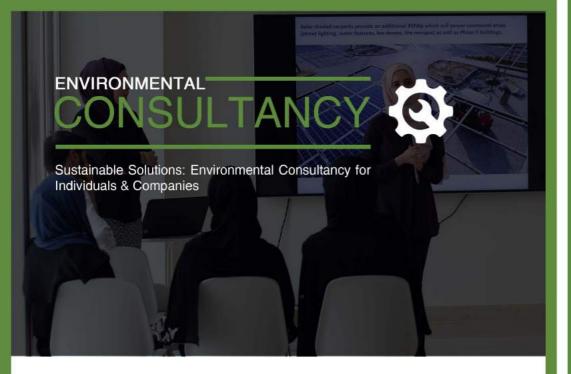
On this trip:

Participants can enjoy making sustainable art in an artistic gallery rather than their office or home. Participants are asked to get their own reusable items to be able to transform them into pieces of art with the equipment and reusable items found in the Gallery.

Make a difference!

Participants will be able to reuse material and up-cycle them into art pieces thus helping in waste diversion from landfills. Their art pieces will then be exhibited in the gallery for a while and can be collected later or taken home directly.

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Eedama offers consultancy to students, individuals & companies seeking to design, install or transform their environment into a more energy efficient and sustainable one.

SOLAR ENERGY CONSULTANCY

Solar energy consultancy for various types of audiences and application are offered by Eedama's very own energy relating expert scientists and engineers. Eedama helps you choose the optimal technology for your application as well as the right provider in terms of cost and quality.

ENVIRONMENTAL FOOTPRINT CONSULTANCY

Eedama assesses your organization's electricity and water savings, with regards to waste production, as well as energy and food consumption. Eedama also assesses your saving's potential, both in terms of ecological footprint and financials.

SUSTAINABLE ARCHITECTURE & DESIGN CONSULTANCY

Eedama includes sustainable architecture expertise that can help assist students, architects and engineers in analysing and improving their design to achieve their sustainability goals.

CSR & ISO CONSULTANCY

Eedama helps analyse the potential for creating economically, socially and environmentally sustainable CSR strategies. This can be implemented to all types of organizations as Eedama provides guidance, examination, monitoring and analysis of activities related to a company's operation in order to suggest effective solutions. Eedama can also perform internal audits in collaboration with other entities to help uncover liabilities, and estimate the costs for necessary actions.

Eedama's CSR consultancy services include:

- CSR (Corporate Social Responsibility) Policy Advice
- ISO 26000 implementation
- Due Diligence | Internal | Compliance Audits
- ISO 14001 Environmental Management Systems
- CSR reporting according to GRI guidelines
- Environmental Management Accounting



SOME OF EEDAMA'S" **HIGHLIGHTS**



ABU DHABI SPEAKS FIELD TRIP TO MASDAR CITY



#BEATPLASTICPOLLUTION **CAMPAIGN WITH TADWEER**



EEDAMA AT THE RIPE MARKET IN DUBAI WITH THE MAWADA PROJECT



THE OMANI NGO YOUTH VISION PROFESSIONAL TRAINING



EEDAMA AT ZAYED UNIVERSITY



EEDAMA AT WASLA EVENT IN DUBAI

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TEAM



DR. OUNSI EL DAIF Founder, Manager

Eedama's Founder and Manager. He holds a PhD in Physics from the Swiss Federal Institute of Technology (EPFL, Lausanne), has been working as a Researcher and University Lecturer in INSA de Lyon, France and Namur University, Belgium, as well as Senior Scientist for Imec Photovoltaic department (Belgium), and QEERI-Qatar Foundation (Qatar). He founded the Environmental NGO L'Heliopole in Belgium. Besides running Eedama, he is a lecturer at Paris Sorbonne University Abu Dhabi, at the American University of Beirut, and member of the Global Advisory panel of the UAEU's science and innovation park.

Frédéric Dross is now working in the private photovoltaic energy sector in California. He has been developing broad audience interventions for the Belgian NGO L'Héliopole that include an unexpected "dialogue with someone skeptical about solar energy" where he gives the pros and contras of solar and renewable energies! He is the author of 5 patents and 80+ peer-reviewed publications; he is regular reviewer of specialist scientific journals. Frédéric advises Eedama on topics related to solar energy, and works on helping companies investing in solar photovoltaic energy as well as doing the qualification of their newly installed panels.



DR. FRÉDÉRIC DROSS Co-Founder & Solar Consultant





HUDA MASALMEH
Sustainability Consultant & Business Developer

Holds a B.Sc In Architectural Engineering and currently pursuing a M.Sc in Sustainable Architecture. She uses her expertise to develop some of Eedama's educational content & instructs, handles Eedama's online communication tools and is a contact point for Abu Dhabi schools who want to take the path of sustainability.

MOHAMAD JUMA Sustainability Consultant & Business Developer

A soon-graduating architecture student. He chose this field because he cares about our environment, both the built and the natural ones. This interest brought him further and he is now working part time as a sustainability trainer with Eedama. He in particular developed original training material.





ZAINA AL HASHIMI Program Development Consultant

She is an IEMA associate with a solid 5 year background in building project scopes and overseeing implementing. Joining us as an experienced environmental and sustainability advisor and a new mother, Zaina's enthusiasm and eagerness to helping people achieve social responsibility, whether on a personal or a professional level, has added great value to the eedama family. Zaina works with Eedama on a volunteer base next to her full time job.



Baseema Nizar holds B.Arch degree from India and a M.Sc in Sustainable Architecture from Abu Dhabi University. Her education and interest for sustainability makes her a resourceful companion to Eedama. She aims to inspire people to be eco conscious.





SHIRIN MEHRI Sustainability Instructor

Shirin holds a Masters in Entrepreneurial Leadership from Babson College. She has a passion for education and has co-facilitated workshops on designthinking. Her rich and diverse experience in education and interest in human and natural environments make her perfectly fit for her role of freelance instructor with Eedama.



She's a teacher of French for foreigners with 25 year experience in human resources. Estelle is passionate about the environment and its preservation. She is engaged in raising green awareness in both children and adults and promoting initiatives that give our planet a sustainable future.







WISSAM ALI Business Developer

He worked in the IT networking field and IT project management. He is currently engaged with the Sciences Innovation Park at UAE University for mentoring new entrepreneurs. Wissam is passionate about new technology and its impact on society which makes him a great addition to Eedama, strengthening it's new technologies and entrepreneurship focus. He does outreach to new schools and business development for Eedama.

SALUA MOUSSAWEL Business Developer

Salua Moussawel is and has always been an environmental activist! She has undergraduate degrees in Biology and Chemical engineering and will be starting her Master's in Waste engineering, Wastewater and Air quality in Germany, Stuttgart. Trash is a resource and Salua wants to allow society to treat it this way. She also believes that human behaviours have a dramatic impact on the environment and that a change towards sustainability is absolutely crucial.





JAD KHADIJ Sustainability Instructor & Accountant

Holds a master's degree in strategic management and entrepreneurship and is wishing for more. He is passionate towards the environment and sustainability. He's currently working on a managerial and business way of introducing sustainability in the frame of Eedama's development in Lebanon.



Sustainability Consultant

Holds a Master in Engineering from the National Polytechnic Institute of Grenoble (INPG). She's now an experienced solar photovoltaic (PV) engineer project manager. Besides her collaborations with Eedama, she runs now the French-Lebanese intercultural NGO Tabadol. She now develops educational content for Eedama and coordinates the activities of the Lebanese NGO Jibal that works with Eedama.





STEPHANIE RIZK Sustainability Instructor

Stephanie is a World Citizen - meeting, travelling, learning and discovery is her ongoing passion since a young age. She graduated in Hospitality Management at SHI, partners with EHL Lausanne, and worked more than 10 years in the field, in France, Spain, Cyprus and Lebanon. She left the field for volunteering and taking on a small project as a volunteer coordinator at the international NGO, Greenpeace. She came to Eedama to inspire and get inspired!



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To learn more about the rest of Eedama's services & team members, please visit our website!

