



SDG7 Energy Compact of Bee'ah

A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

SECTION 1: AMBITION

1.1. Ambitions to achieve SDG7 by 2030. [Please select all that apply, and make sure to state the baseline of each target]

(Member States targets could be based on their NDCs, energy policies, national five-year plans etc. targets for companies/organizations could be based on their corporate strategy)

<input type="checkbox"/> 7.1. By 2030, ensure universal access to affordable, reliable and modern energy services.	<p>Target(s): Increase the contribution of clean energy from 25 percent to 50 percent while simultaneously reducing the carbon footprint of power generation by 70 percent. Time frame: 2021-2030</p> <p>Context for the ambition(s): Through a raft of initiatives and collaborative projects, Bee'ah is supporting the UAE Vision 2021, the UAE Green Agenda 2015-2030, and the UAE Energy Strategy. The baseline of the project is 2021.</p>
<input type="checkbox"/> 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix.	<p>Target(s): Beeah to Create a diversity in energy sources. Time frame: 2021/22-2025/26</p> <p>Context for the ambition(s): Via a range of projects including the Sharjah Waste to Energy Facility, the First Solar Landfill Project in the region, the Middle East's first Waste-to-Hydrogen Project. The baseline of the project is 2021.</p>
<input type="checkbox"/> 7.3. By 2030, double the global rate of improvement in energy efficiency.	<p>Target(s): Enhance the Energy sources that contributes to reducing carbon footprint. Time frame: 2021/22-2025/26</p> <p>Context for the ambition(s): The Sharjah Waste to Energy facility will process more than 37.5 tonnes of municipal solid waste per hour to generate electric power. The waste-to-energy process converts the waste into produced heat, which is then used to drive an electrical turbine. It will deliver 30 MW of clean energy to the Sharjah power grid, meeting the needs of over 28,000 homes.</p> <p>The facility will be able to process 300,000 tonnes of municipal solid waste per year, diverting it away from landfills and ensure environmental protection the Carbon Capture process of almost 450,000 tonnes of CO2 emissions annually.</p> <p>The captured carbon will be utilized in Food and Agriculture Industries.</p> <p>The baseline of the project is 2021.</p>
<input type="checkbox"/> 7.a. By 2030, enhance international cooperation to facilitate access to clean	<p>Target(s): Bee'ah cooperates with numerous international partners for energy and environmental advancement. Time frame: TBA</p>

<p>energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.</p>	<p>Context for the ambition(s):</p> <ul style="list-style-type: none"> • Bee'ah launched Evogreen with Greek company Polygreen to tackle marine pollution. • A green hydrogen vehicle fuelling station. • Cooperating with PepsiCo to collect and recycle Aquafina plastic packaging produced in the UAE. • Bee'ah working with Duracell to launch a battery recycling program across 100 schools and 50 retail outlets in UAE. • Bee'ah has partnered with Nespresso and launched the coffee company's first program in the Middle East to recycle its used aluminium capsules. <p>The baseline of the project is various.</p>
<p><input type="checkbox"/> 7.b. By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programs of support.</p>	<p>Target(s): Beeah extending knowledge and resources to support other nations. Time frame: TBA Context for the ambition(s): We are helping the City of Madinah (KSA) in their goal to become the cleanest city in the Middle East, while in Egypt, we are the waste management partner for Egypt's new Administrative Capital.</p> <p>In support of Saudi Vision 2030, Bee'ah expanded to the Kingdom of Saudi Arabia and was appointed as the waste management partner for Madinah. Bee'ah was awarded three contracts for waste management services covering 70 percent of the city and serving a population of 1.2 million people. Bee'ah's services includes solid waste collection and transport services, disinfection and sanitisation of waste bins, training sessions, workshops, and awareness campaigns.</p> <p>Egypt's new Administrative Capital, is one of the largest urban development projects in the world and will house an expected 6.5 million people on completion. Bee'ah's services for the Administrative Capital includes waste collection and city cleaning, medical waste management, waste treatment and disposal, and community awareness and engagement to drive lasting behavioural change.</p> <p>The baseline of the project is various.</p>

1.2. Other ambitions in support of SDG7 by 2030 and net-zero emissions by 2050. [Please describe below e.g., coal phase out or reforming fossil fuel subsidies etc.]

<p>Target(s): Bee'ah has a strong and ongoing commitment for Environmental Responsibility. Time frame: Ongoing Context for the ambition(s):</p> <ul style="list-style-type: none"> • Bee'ah's vision is embedded in the new Bee'ah HQ - designed by Zaha Hadid Architects as a net zero energy building powered by renewable energy - is expected to achieve the U.S. Green Building Council's LEED Platinum certification, setting a new benchmark for green buildings in the UAE. We partnered with Johnsons Control and Microsoft to create the region's first artificial intelligence-integrated smart office, which will serve a blueprint for future smart, sustainable buildings in the region. The building was designed for limited contact with surfaces, with a personalized platform for employees and visitors to talk to an AI concierge for virtual assistance and contactless navigation. • The Sharjah Waste to Energy facility will process more than 37.5 tonnes of municipal solid waste per hour to generate electric power. The waste-to-energy process converts the waste into produced heat, which is then used to drive an electrical turbine. It will deliver 30 MW of clean energy to the Sharjah power grid, meeting the needs of over 28,000 homes. The facility will be able to process 300,000 tonnes of municipal solid waste per year, diverting it away from landfills and ensure environmental protection the Carbon Capture process of almost 450,000 tonnes of CO2 emissions annually. The captured carbon will be utilized in Food Industries and Agriculture. • Sharjah landfill will be repurposed through the gas extraction for WTE plant and installation of Solar plant power generation. • In 2018, Bee'ah had become the first organisation to order Tesla's electric Semi trucks in the Middle East, placing an order for 50 of the revolutionary trucks, consequently positioning us as the regional waste management leader in the region. The trucks are capable of travelling 805 kilometres on a single charge. Running on battery power, the trucks are guaranteed for 1.6 million kilometres of usable life, while carrying over 36,000 kilograms of cargo. They will primarily be used for waste collection and transportation, including transportation of materials for recovery. This modernisation of the fleet, with the new Tesla trucks alongside existing electric vehicles - will help reduce Bee'ah's carbon footprint.
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- Bee'ah launched Evogreen – a joint venture with Greek company Polygreen to tackle marine pollution. Bee'ah will collect, recycle and recover hazardous and non-hazardous waste from marine vehicles visiting UAE ports to process marine-related hazardous waste such as sludge and convert it into an alternative fuel that can be used in the industries.
- Bee'ah has partnered with Nespresso and launched the coffee company's first program in the Middle East to recycle its used aluminium capsules. The program allows Nespresso to cut down on its environmental impact, as the recycling process will produce only 5% of the carbon emissions, as compared to primary aluminium sourcing.

SECTION 2: ACTIONS TO ACHIEVE THE AMBITION

2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1. *[Please add rows as needed].*

<p>Emirates Waste to Energy Company In a joint venture with Masdar, to build the Sharjah waste-to-energy facility, the first in the UAE. This facility will help ensure the complete diversion of waste, while monetizing and producing clean, sustainable energy.</p> <p>It will allow Sharjah to be the first city in the region to achieve zero waste to landfill, while also monetizing and producing clean, sustainable energy.</p> <p>The facility will process more than 37.5 tonnes of municipal solid waste per hour to generate electric power. The waste-to-energy process converts the waste into produced heat, which is then used to drive an electrical turbine. It will deliver 30 MW of clean energy to the Sharjah power grid, meeting the needs of over 28,000 homes.</p> <p>The facility will be able to process 300,000 tonnes of municipal solid waste per year, diverting it away from landfills and ensure environmental protection by displacing almost 450,000 tonnes of CO2 emissions annually.</p> <p>It will also help Sharjah contribute to the UAE's target for power generation from clean energy to 30 percent by 2030, and help to drive zero-waste ambitions and we plan to establish multiple waste-to-energy projects across the region.</p>	2017 – ongoing
<p>Solar landfill project Emirates Waste to Energy will also be delivering the first solar landfill project in the region. Converting Bee'ah's Al Saja'a landfill site to a solar farm through the installation of solar photovoltaic panels, the project presents a unique solution to redeveloping closed landfills for a productive use as well as contributes to clean energy deployment in the UAE. The project will produce up to 120 megawatts of clean energy and will be completed in three phases, with the first phase expected for completion by 2023.</p>	Completed in three phases, with the first phase expected for completion by 2023.
<p>Waste to Hydrogen project To further our contribution to a diversified energy mix in the UAE, as well as find innovative solutions to non-recyclable waste, we are also planning a green hydrogen vehicle fuelling station.</p>	2021 – ongoing

<p>This supports UAE's vision in becoming a hub for green hydrogen and also allows us to additionally use waste in a resourceful way. The fuelling station will use green hydrogen generated from the waste-to-hydrogen plant from non-recyclable plastic waste and waste wood. The green hydrogen will be fed into the fuelling station to power hydrogen vehicles.</p> <p>At maximum production capacity, the plant will be capable of fuelling 1,000 hydrogen-powered large vehicles per day. The project will significantly contribute towards the UAE's aim of reducing carbon footprint 24 per cent by 2030.</p>		
<p>Evogreen Bee'ah launched Evogreen – a joint venture with Greek company Polygreen to tackle marine pollution. Bee'ah will collect, recycle and recover hazardous and non-hazardous waste from marine vehicles visiting UAE ports to process marine-related hazardous waste such as sludge and convert it into an alternative fuel that can be used in the industries.</p>	2021 - ongoing	
<p>PepsiCo partnership Bee'ah works with PepsiCo to support their commitment to collect and recycle the equivalent of 100 percent of the Aquafina plastic packaging produced in the UAE – a move that will significantly help towards the UAE's goal to divert 75 percent of total waste from the landfill</p>	2021 - ongoing	
<p>EVOTEQ Bee'ah launched its digitalization venture EVOTEQ in 2017, which accelerates digital transformation for public and private entities through advisory, consultancy, and implementation of technological solutions. The company focuses on Platform and Cloud Services, Business Applications, and Smart City and IoT Services.</p>	2017 - ongoing	
<p>Tesla partnership In 2018, Bee'ah had become the first organisation to order Tesla's electric Semi trucks in the Middle East, placing an order for 50 of the revolutionary trucks, consequently positioning us as the regional waste management leader in the region.</p> <p>The trucks are capable of travelling 805 kilometres on a single charge. Running on battery power, the trucks are guaranteed for 1.6 million kilometres of usable life, while carrying over 36,000 kilograms of cargo. They will primarily be used for waste collection and transportation, including transportation of materials for recovery. This modernisation of the fleet, with the new Tesla trucks alongside existing electric vehicles - will help reduce Bee'ah's carbon footprint.</p>	2018 - ongoing	
<p>Bee'ah Egypt Bee'ah was appointed the waste management partner for Egypt's new Administrative Capital, one of the largest urban development projects in the world that is being developed by the Administrative Capital. The new Administrative Capital will house an expected 6.5 million people on completion.</p> <p>Bee'ah's services for the Administrative Capital includes waste collection and city cleaning, medical waste management, waste treatment and disposal, and community awareness and engagement to drive lasting behavioural change.</p> <p>Bee'ah has been tasked with achieving an 80 per cent waste diversion rate in the city. To deliver this target, Bee'ah is providing its integrated approach to environmental management for the new Administrative Capital and best practices in waste management and technologies to enable a circular economy for Egypt and reduce dependency on landfills.</p>	2020 - ongoing	
<p>Bee'ah KSA In support of Saudi Vision 2030, Bee'ah expanded to the Kingdom of Saudi Arabia and was appointed as the waste management partner for Madinah – known as the Enlightened City and one of the holiest Islamic sites. Bee'ah was awarded three contracts for waste management services in Madinah, covering 70 percent of the city and serving a population of 1.2 million people.</p> <p>Bee'ah's services for Madinah city includes solid waste collection and transport services, disinfection and sanitisation of waste bins, training sessions, workshops, and awareness campaigns. These services utilise around 3,000 workers, along with 350 pieces of heavy equipment, including waste collection units, street sweepers and disposal trucks.</p>	2020 – ongoing	
<p>Bee'ah transportation</p>	2018 - ongoing	

<p>ION is a UAE-based sustainable mobility solutions company, formed as a joint venture between Bee’ah and Crescent Enterprises. Through innovations in green mobility, ION is promoting economic and environmental sustainability, and driving on-demand availability in multi-modal, inter-urban, transport networks.</p> <p>ION’s services include micro-mobility services including:</p> <ul style="list-style-type: none"> ○ Bikes and electric scooters which offer viable solutions for first- and last-mile transportation needs. ○ On-demand services such as ride-hailing or ride-sharing options for use in corporate or government fleets. ○ Collective transport such as electric buses. ○ Green freight transport solutions. ○ Energy networks such as emission-free batteries and charging stations. 		
<p>CSR</p> <p>The Bee’ah School of Environment (BSOE) is a comprehensive nation-wide environmental education programme that aims to create a greener generation through a diverse range of online and offline interactive platforms and activities. BSOE now reaches more than 250,000 students, 6,000 teachers and 500 schools across the UAE and involves projects and collaborations, including one with Duracell to launch a battery recycling program across 100 schools and 50 retail outlets in UAE.</p> <p>Bee'ah also works with American University of Sharjah and The University of Sharjah, with collaboration across multiple areas of interest including environmental research, educational programmes, student sponsorships and exploring developing business opportunities and intellectual properties.</p> <p>Bee’ah HQ</p> <p>The new Bee’ah HQ - designed by Zaha Hadid Architects as a net zero energy building powered by renewable energy - is expected to achieve the U.S. Green Building Council’s LEED Platinum certification, setting a new benchmark for green buildings in the UAE. We partnered with Johnsons Control and Microsoft to create the region’s first artificial intelligence-integrated smart office, which will serve a blueprint for future smart, sustainable buildings in the region. The building was designed for limited contact with surfaces, with a personalised platform for employees and visitors to talk to an AI concierge for virtual assistance and contactless navigation.</p> <p>Bee’ah and Nespresso</p> <p>Bee’ah has partnered with Nespresso and launched the coffee company’s first program in the Middle East to recycle its used aluminium capsules. The initiative allows Nespresso club members and consumers return their used Nespresso capsules to dedicated recycling collection points in Nespresso boutiques across the UAE. Nespresso also offers a pick-up service called “Recycling at Home” that will collect used capsules directly from consumers’ homes when a new order is delivered to their addresses.</p> <p>Once they receive the used capsules, Bee’ah will first separate the aluminium from the coffee grounds. While the aluminium will be sent through a smelting process to make new aluminium products, the coffee grounds will be stored in Bee’ah’s compost plant and used as a natural fertilizer.</p> <p>The program allows Nespresso to cut down on its environmental impact, as the recycling process will produce only 5% of the carbon emissions, as compared to primary aluminium sourcing.</p>	<p><i>Various</i></p>	

SECTION 3: OUTCOMES

3.1. Please add at least one measurable and time-based outcome for each of the actions from section 2. *[Please add rows as needed].*

Outcome	Date
N/A	

SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for **each** of the actions in section 2.

N/A

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

[Examples of support for Member States could include: Access to low-cost affordable debt through strategic de-risking instruments, capacity building in data collection; development of integrated energy plans and energy transition pathways; technical assistance, etc.]

<input type="checkbox"/> Financing	Description
<input type="checkbox"/> In-Kind contribution	Description
<input type="checkbox"/> Technical Support	Description
<input type="checkbox"/> Other/Please specify	Description

SECTION 5: IMPACT

5.1. Countries planned for implementation including number of people potentially impacted.

- Sharjah Waste to Energy Facility, will annually process more than 300,000 tonnes of municipal solid waste to produce around 30 MW of energy – enough to power up to 28,000 homes – and displace almost 450,000 tonnes of CO2 emissions per year.
- Sharjah landfill will be repurposed through the gas extraction for WTE plant and installation of Solar plant power generation.
- Bee'ah expanded to Abu Dhabi and was appointed as one of the waste management partners for the city. Bee'ah's services include waste collection and transport services, and disinfection and sanitisation of waste bins.
- In Dubai and Ajman, Bee'ah was appointed as of the waste management partner for different municipal and commercial projects like Burj Khalifa, Dubai Airports and Emirates HQ. The services include waste collection and transport services, and disinfection and sanitisation of waste bins.

Most of Beeah's projects support UAE's mission of 2021 and affects the UAE's population and environment.

- Bee'ah was appointed the waste management partner for Egypt's new Administrative Capital, one of the largest urban development projects in the world that is being developed by the Administrative Capital. The new Administrative Capital will house an expected 6.5 million people on completion.
- Bee'ah was awarded three contracts for waste management services in Madinah, covering 70 percent of the city and serving a population of 1.2 million people.
- The Bee'ah School of Environment (BSOE) is a comprehensive nation-wide environmental education programme that aims to create a greener generation through a diverse range of online and offline interactive platforms and activities. BSOE now reaches more than 250,000 students, 6,000 teachers and 500 schools across the UAE and involves projects and collaborations, including one with Duracell to launch a battery recycling program across 100 schools and 50 retail outlets in UAE.

- Bee'ah also works with American University of Sharjah and The University of Sharjah, with collaboration across multiple areas of interest including environmental research, educational programmes, student sponsorships and exploring developing business opportunities and intellectual properties.

5.2. Alignment with the 2030 Agenda for Sustainable Development – Please describe how **each** of the actions from section 2 impact advancing the SDGs by 2030.

[up to 500 words, please upload supporting strategy documents as needed]

Emirates Waste to Energy Company

Sharjah to be the first city in the region to achieve zero waste to landfill as the facility will process more than 37.5 tonnes of municipal solid waste per hour to generate electric power. It will deliver 30 MW of clean energy to the Sharjah power grid, meeting the needs of over 28,000 homes.

The facility will be able to process 300,000 tonnes of municipal solid waste per year, diverting it away from landfills and ensure environmental protection by displacing almost 450,000 tonnes of CO2 emissions annually.

It will also help Sharjah contribute to the UAE's target for power generation from clean energy to 30 percent by 2030, and help to drive zero-waste ambitions and we plan to establish multiple waste-to-energy projects across the region.

Solar landfill project

The project will produce up to 120 megawatts of clean energy and will be completed in three phases, with the first phase expected for completion by 2023. Completed in three phases, with the first phase expected for completion by 2023.

Waste to Hydrogen project

At maximum production capacity, the plant will be capable of fuelling 1,000 hydrogen-powered large vehicles per day. The project will significantly contribute towards the UAE's aim of reducing carbon footprint 24 per cent by 2030.

Evogreen

Bee'ah will collect, recycle and recover hazardous and non-hazardous waste from marine vehicles visiting UAE ports to process marine-related hazardous waste such as sludge and convert it into an alternative fuel that can be used in the industries.

PepsiCo partnership

Bee'ah works with PepsiCo to support their commitment to collect and recycle the equivalent of 100 percent of the Aquafina plastic packaging produced in the UAE – a move that will significantly help towards the UAE's goal to divert 75 percent of total waste from the landfill.

Tesla partnership

In 2018, Bee'ah had become the first organisation to order Tesla's electric Semi trucks in the Middle East. The trucks are capable of travelling 805 kilometres on a single charge. Running on battery power, the trucks are guaranteed for 1.6 million kilometres of usable life, while carrying over 36,000 kilograms of cargo. They will primarily be used for waste collection and transportation, including transportation of materials for recovery. This modernisation of the fleet, with the new Tesla trucks alongside existing electric vehicles - will help reduce Bee'ah's carbon footprint.

Bee'ah Egypt

Bee'ah has been tasked with achieving an 80 per cent waste diversion rate in the city. To deliver this target, Bee'ah is providing its integrated approach to environmental management for the new Administrative Capital and best practices in waste management and technologies to enable a circular economy for Egypt and reduce dependency on landfills.

Bee'ah KSA

In support of Saudi Vision 2030, Bee'ah expanded to the Kingdom of Saudi Arabia and was appointed as the waste management partner for Madinah – known as the Enlightened City and one of the holiest Islamic sites. Bee'ah was awarded three contracts for waste management services in Madinah, covering 70 percent of the city and serving a population of 1.2 million people.

Bee'ah transportation

ION is a UAE-based sustainable mobility solutions company. Through innovations in green mobility, ION is promoting economic and environmental sustainability, and driving on-demand availability in multi-modal, inter-urban, transport networks.

CSR

The Bee'ah School of Environment (BSOE) is a comprehensive nation-wide environmental education programme that aims to create a greener generation through a diverse range of online and offline interactive platforms and activities. BSOE now reaches more than 250,000 students, 6,000 teachers and 500 schools across the UAE and involves projects and collaborations, including one with Duracell to launch a battery recycling program across 100 schools and 50 retail outlets in UAE.

Bee'ah also works with American University of Sharjah and The University of Sharjah, with collaboration across multiple areas of interest including environmental research, educational programmes, student sponsorships and exploring developing business opportunities and intellectual properties.

Bee'ah HQ

The new Bee'ah HQ - designed by Zaha Hadid Architects as a net zero energy building powered by renewable energy - is expected to achieve the U.S. Green Building Council's LEED Platinum certification, setting a new benchmark for green buildings in the UAE. We partnered with Johnsons Control and Microsoft to create the region's first artificial intelligence-integrated smart office, which will serve a blueprint for future smart, sustainable buildings in the region. The building was designed for limited contact with surfaces, with a personalised platform for employees and visitors to talk to an AI concierge for virtual assistance and contactless navigation. A solar energy plant developed and built by Masdar backed by Tesla Powerpacks that will store excess energy to power the headquarters by night, reinforcing its commitment to championing sustainability and innovation.

EVOTEQ

Bee'ah launched its digitalization venture EVOTEQ in 2017, which accelerates digital transformation for public and private entities through advisory, consultancy, and implementation of technological solutions. The company focuses on Platform and Cloud Services, Business Applications, and Smart City and IoT Services.

5.3. Alignment with Paris Agreement and net-zero by 2050 - Please describe how **each** of the actions from section 2 align with the Paris Agreement and national NDCs (if applicable) and support the net-zero emissions by 2050. *[up to 500 words, please upload supporting strategy documents as needed]*

- Bee'ah's vision is embedded in the new Bee'ah HQ - designed by Zaha Hadid Architects as a net zero energy building powered by renewable energy - is expected to achieve the U.S. Green Building Council's LEED Platinum certification, setting a new benchmark for green buildings in the UAE. We partnered with Johnsons Control and Microsoft to create the region's first artificial intelligence-integrated smart office, which will serve a blueprint for future smart, sustainable buildings in the region. The building was designed for limited contact with surfaces, with a personalised platform for employees and visitors to talk to an AI concierge for virtual assistance and contactless navigation.

- The Sharjah Waste to Energy facility will process more than 37.5 tonnes of municipal solid waste per hour to generate electric power. The waste-to-energy process converts the waste into produced heat, which is then used to drive an electrical turbine. It will deliver 30 MW of clean energy to the Sharjah power grid, meeting the needs of over 28,000 homes.

The facility will be able to process 300,000 tonnes of municipal solid waste per year, diverting it away from landfills and ensure environmental protection the Carbon Capture process of almost 450,000 tonnes of CO2 emissions annually.

The captured carbon will be utilized in Food Industries and Agriculture.

- Sharjah landfill will be repurposed through the gas extraction for WTE plant and installation of Solar plant power generation .
- In 2018, Bee'ah had become the first organisation to order Tesla's electric Semi trucks in the Middle East, placing an order for 50 of the revolutionary trucks, consequently positioning us as the regional waste management leader in the region.

The trucks are capable of travelling 805 kilometres on a single charge. Running on battery power, the trucks are guaranteed for 1.6 million kilometres of usable life, while carrying over 36,000 kilograms of cargo. They will primarily be used for waste collection and transportation, including transportation of materials for recovery. This modernisation of the fleet, with the new Tesla trucks alongside existing electric vehicles - will help reduce Bee'ah's carbon footprint.

- Bee'ah launched Evogreen – a joint venture with Greek company Polygreen to tackle marine pollution. Bee'ah will collect, recycle and recover hazardous and non-hazardous waste from marine vehicles visiting UAE ports to process marine-related hazardous waste such as sludge and convert it into an alternative fuel that can be used in the industries.

- Bee'ah has partnered with Nespresso and launched the coffee company's first program in the Middle East to recycle its used aluminium capsules. The program allows Nespresso to cut down on its environmental impact, as the recycling process will produce only 5% of the carbon emissions, as compared to primary aluminium sourcing.

SECTION 6: MONITORING AND REPORTING

6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use other existing reporting frameworks to track progress on the proposed outcomes.

N/A

SECTION 7: GUIDING PRINCIPLES CHECK LIST

Please use the checklist below to validate that the proposed Energy Compact is aligned with the guiding principles.

I. Stepping up ambition and accelerating action - Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

I. 1. Does the Energy Compact strengthen and/or add a target, commitment, policy, action related to SDG7 and its linkages to the other SDGs that results in a higher cumulative impact compared to existing frameworks?

Yes No

I.2. Does the Energy Compact increase the geographical and/or sectoral coverage of SDG7 related efforts? Yes No

I.3. Does the Energy Compact consider inclusion of key priority issues towards achieving SDG7 by 2030 and the net-zero emission goal of the Paris Agreement by 2050 - as defied by latest global analysis and data including the outcome of the Technical Working Groups? Yes No

II. Alignment with the 2030 agenda on Sustainable Development Goals – Ensure coherence and alignment with SDG implementation plans and strategies by 2030 as well as national development plans and priorities.

II.1. Has the Energy Compact considered enabling actions of SDG7 to reach the other sustainable development goals by 2030? Yes No

II.2. Does the Energy Compact align with national, sectoral, and/or sub-national sustainable development strategies/plans, including SDG implementation plans/roadmaps? Yes No

II.3. Has the Energy Compact considered a timeframe in line with the Decade of Action? Yes No

III. Alignment with Paris Agreement and net-zero by 2050 - Ensure coherence and alignment with the Nationally Determined Contributions, long term net zero emission strategies.

III.1. Has the Energy Compact considered a timeframe in line with the net-zero goal of the Paris Agreement by 2050? Yes No

III.2. Has the Energy Compact considered energy-related targets and information in the updated/enhanced NDCs? Yes No

III.3. Has the Energy Compact considered alignment with reaching the net-zero emissions goal set by many countries by 2050? Yes No

IV. Leaving no one behind, strengthening inclusion, interlinkages, and synergies - Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs.

IV.1. Does the Energy Compact include socio-economic impacts of measures being considered? Yes No

IV.2. Does the Energy Compact identify steps towards an inclusive, just energy transition? Yes No

IV.3. Does the Energy Compact consider measures that address the needs of the most vulnerable groups (e.g. those impacted the most by energy transitions, lack of energy access)? Yes No

V. Feasibility and Robustness - Commitments and measures are technically sound, feasible, and verifiable based a set of objectives with specific performance indicators, baselines, targets and data sources as needed.

V.1. Is the information included in the Energy Compact based on updated quality data and sectoral assessments, with clear and transparent methodologies related to the proposed measures? Yes No

V.2. Has the Energy Compact considered inclusion of a set of SMART (specific, measurable, achievable, resource-based and time based) objectives? Yes No

V.3. Has the Energy Compact considered issues related to means of implementation to ensure feasibility of measures proposed (e.g. cost and financing strategy, technical assistant needs and partnerships, policy and regulatory gaps, data and technology)? Yes No

SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

Sharjah Environmental Company, Bee'ah.

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

Bee'ah.

8.3. Lead entity type

Government

Local/Regional Government

Multilateral body /Intergovernmental Organization

Non-Governmental Organization (NGO)

Civil Society organization/Youth

Academic Institution /Scientific Community

Private Sector

Philanthropic Organization

Other relevant actor

8.4. Contact Information

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8.5. Please select the geographical coverage of the Energy Compact

Africa Asia and Pacific Europe Latin America and Caribbean North America West Asia Global

8.6. Please select the Energy Compact thematic focus area(s)

Energy Access Energy Transition Enabling SDGs through inclusive just Energy Transitions Innovation, Technology and Data Finance and Investment.

SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc.