

UFI Sustainable Development Award



WELCOME TO
ADNEC

شركة أبوظبي الوطنية للمعارض
Abu Dhabi National Exhibitions Company



- About ADNEC
- Project Overview and Approach
- Project Concept
- Objectives
- Initiatives
- Results
- Next Steps

Founded in 2005, ADNEC Group comprises Abu Dhabi National Exhibition Centre, Al Ain Convention Centre, ExCeL London, Capital Gate, Andaz Capital Gate Abu Dhabi, Aloft Abu Dhabi, Aloft London ExCeL, IDEX LLC, Capital Hospitality and ADNEC Services.

Put simply, we are in the business of events. Our award-winning divisions, Capital Hospitality and ADNEC Services provide exemplary support to organisers and exhibitors and we also proudly organise some of the most significant events in the region via our event organising arm, IDEX LLC.

Abu Dhabi National Exhibition Centre and Al Ain Convention Centre hosted over 500 events and welcomed over 2million visitors in 2019. This entry is focussed on the initiatives in Abu Dhabi National Exhibition Centre, our flagship venue.



Project Overview- Green ADNEC

The Green ADNEC initiative, focusses on waste management and recycling elements. This initiative spans across all business units and operations, and is mapped directly to our Corporate Strategy to ensure alignment to support in achieving the company's overall long term goals.

Green ADNEC takes a circular approach to waste management which identifies sources of waste within business operations and maximising reduction, re-use and recycling efforts to minimise net waste disposal.

A series of complementary initiatives were identified and implemented to recycle not only maximise standard waste recycling (paper, plastic, glass), but also to focus on different types of waste generated, particularly food waste.

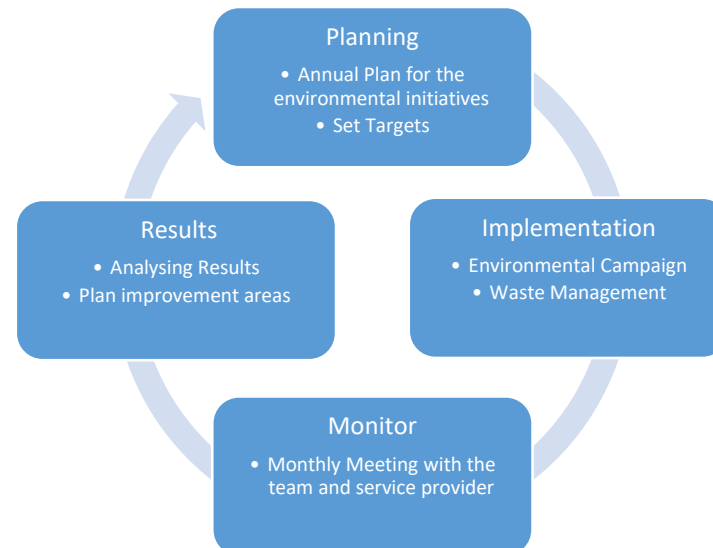
Project Concept- Green ADNEC

- Green ADNEC stems from Corporate Strategy and Corporate Strategic Objectives as well as in-depth analysis of global and industry trends, customer demands and future technologies.



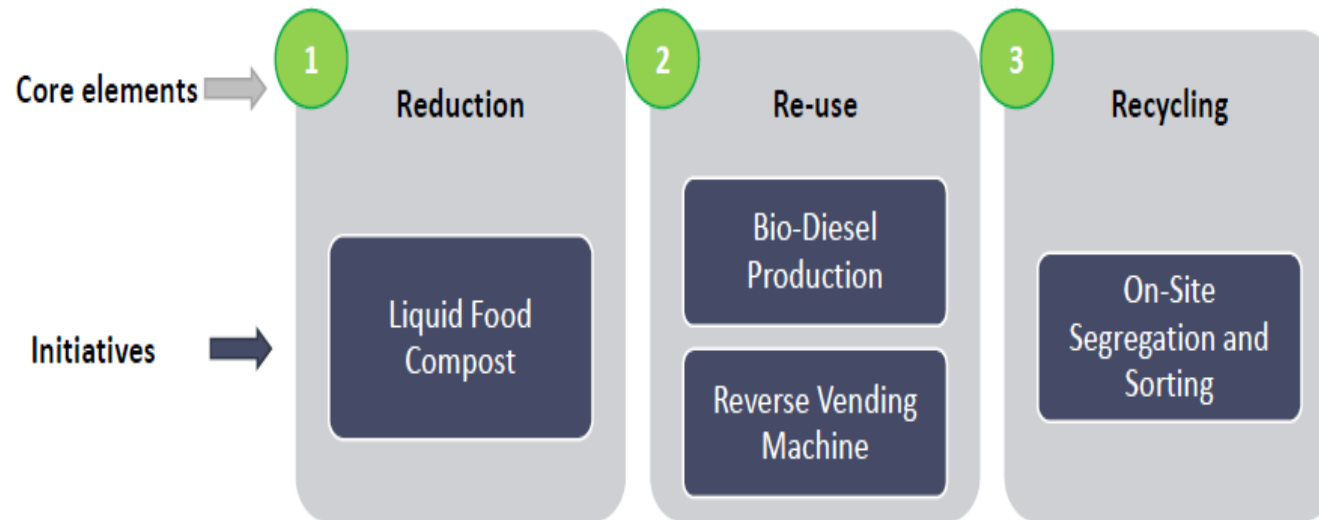
Green Team are responsible for running the project act and report to the Executive Steering Committee. The project follows a continuous review, analysis and improvement cycle as below.

Continuous monitoring and research keeps the project on track and abreast of new tech that could be adopted.



- To position ADNEC as a group of sustainable venue and operations, and enhance the positive environmental reputation of the group
- Reduce the venue environmental impact by implementing technologies for waste reduction and recycling.
- Embed an environmental awareness culture in both employees and visitors.
- Increased overall waste recycling (volume and as % of operations) - vs. recycling targets
- Increased re-use of materials to aid circular economy and reduce primary consumption.
- More effective segregation to increase recycling efficiency.

Green ADNEC: Waste Management core elements



Liquid Food Composting (LFC)

Strategic and innovative approach to waste reduction

- Clean and environmentally friendly waste food disposal solution
- Liquid Food Composters convert food waste into liquid compost
- ADNEC currently operates one LFC machine on-site at its catering business unit, Capital Hospitality. Food waste is composted on-site using the LFC machine and utilised in landscaping around the venue



Waste management spans all types of operations

- It is worthy of note that Capital Hospitality was established as a strategic additional business unit to the core business, to which Green ADNEC extended its waste management considerations, in order to effectively manage waste across all operating business lines

Strategic collaborations to innovate further

- Collaboration with a local university has been established to identify methods of utilising the liquid compost for application in hydroponic cultures and indoor farming for use by Capital Hospitality to fully close the circle

Biodiesel production

Innovative and circular approach to waste reduction

- An environmentally solution to convert cooking oil (from catering operations) into diesel
- The produced diesel is used to operate ADNEC machinery and reduce primary fuel consumption
- Waste reduction benefits, re-use of products and financial benefit of lower fuel purchase volumes



Reverse Vending Machine (RVM)

Recycling and embedding a 'Green' culture

- 8 RVM's are distributed throughout the venue, operating in different locations, to maximise usage and visibility
- The machines are used as a key promoter of recycling across the venue by increasing awareness in both employees and visitors, and helping to embed a 'green' culture
- The machines accept plastic bottles and cans and support not only in recycling, but in segregation, a key challenge to effective waste management

Provides additional opportunity to contribute to further enhanced CSR

- A Cash rebate from ADNEC's key waste management partner, DULSCO, is provided, which ADNEC donates to the Red Crescent. This is one example of how our Green initiatives are used to help us further support our community through a holistic sustainability and CSR approach that links our initiatives and activities together for maximum impact



On-site Segregation and Sorting

Holistic provision for separation across all areas of the venue

- Segregation is a key step in effective waste management, and ADNEC has made provision for this to ensure the full waste management cycle is addressed
- Segregation bins are distributed throughout the venue in various ranges of size and scale (e.g. from paper bins by office printers, to portable compactors in operations areas)



Portable Compactors

(General waste – scheduled collection)



Throughout venue:
Segregation Bins



Throughout venue:
Cardboard Cages



In offices: Cardboard
and Paper bins



Throughout venue:
Recycling Cage Bins

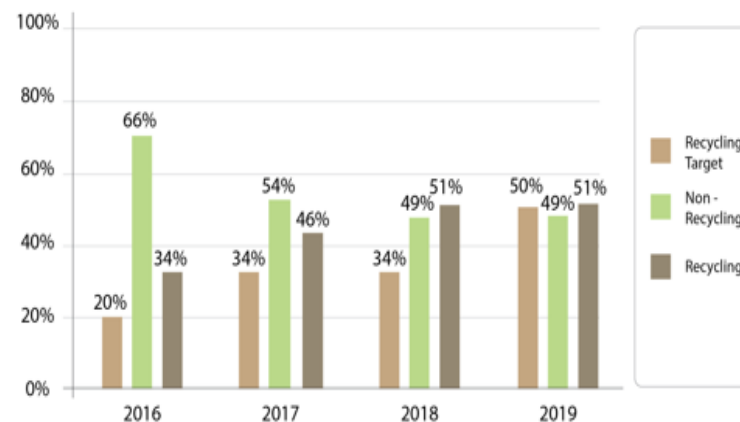


The total amount of recycled materials rose from 126.2 tonnes in 2016 to 1442.8 tonnes in 2019, a phenomenal increase of 1043%. 2,500 litres of bio-diesel were produced in 2019 up from 430l in 2018 when the machine was introduced.

ADNEC aims to drive a wider agenda of embedding an environmental culture with its employees and well as the community. The 'Stop and Donate' campaign encourages the local community to drop off their unwanted items for donation to the Red Crescent or for recycling, 2504kg of items were collected in 2019 as compared to 776kg the previous year.

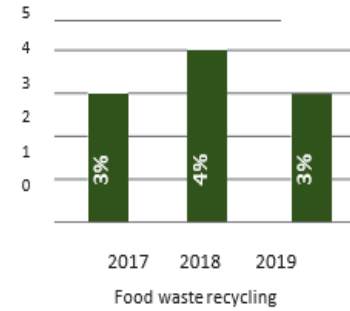
ADNEC Waste Recycling

- ADNEC manages its waste management initiatives through a **strong collaborative partnership with DULSCO**
- Waste management machines operate continuously (24/7) to ensure safe and secure collection, segregation and storing of waste
- ADNEC started exceeding its recycling targets from 2016 onward



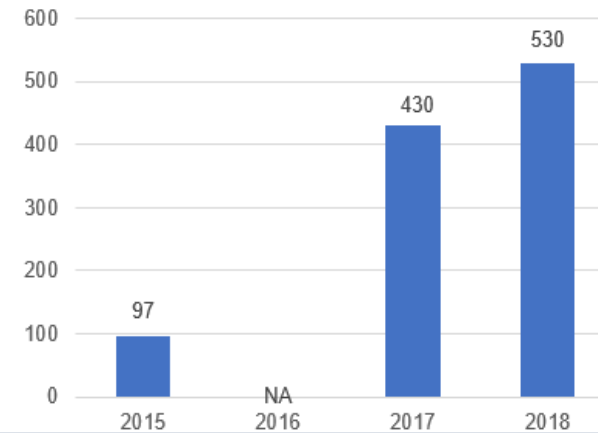
Liquid Food Composting (LFC)

- One LFC machine was deployed in 2017
- 75 Tonnes of food waste diverted from landfill in 2018
- The successful results have led to approval for an additional LFC machine to be installed for 2019 to handle food waste from our Wedding Hall in Abu Dhabi
- Future benefits to include circular re-use of liquid compost within ADNEC's own operations: research currently being conducted



BioDiesel Production (Litres)

- 2019 saw a bumper year of **2,500 litres!**
- In 2018, 530 liters of biodiesel was produced, enough to operate 30% of ADNEC machines
- Strong growth has been achieved, with a 23% growth in biodiesel production seen from 2017 to 2018
- Additional financial benefit is achieved through reduced primary fuel purchase volumes



- Food Waste Reduction Software – Winnow
- Indoor Farming: Hydroponics – Increase utilisation of event space in down-time (low season) by growing crops for use by in-house catering business operations
- ISO 14001 – Certification
- Utilisation of new Liquid Food Composting machine for Wedding Kitchen Food Waste

[CLICK TO WATCH A VIDEO OF GREEN ADNEC HIGHLIGHTS](#)



ADNEC Circular Economy Overview - Appendix One

About ADNEC

Abu Dhabi National Exhibitions Company (ADNEC) is a public joint stock company owned by the Government of Abu Dhabi. Founded in 2005, ADNEC Group comprises Abu Dhabi National Exhibition Centre, Al Ain Convention Centre, ExCeL London, Capital Gate, Andaz Capital Gate Abu Dhabi, Aloft Abu Dhabi, Aloft London ExCeL, IDEX LLC, Capital Hospitality and ADNEC Services.

Put simply, we are in the business of events. Our world-class venues host hundreds of renowned events a year. Our award-winning divisions, Capital Hospitality and ADNEC Services provide exemplary support to organisers and exhibitors and we also proudly organise some of the most significant events in the region via our event organising arm, IDEX LLC.

ADNEC supports the Abu Dhabi Economic Vision 2030 and Plan Abu Dhabi 2030 through delivering significant direct and indirect impact on the Abu Dhabi economy to help the Emirate achieve its long-term goals of economic growth and diversification.

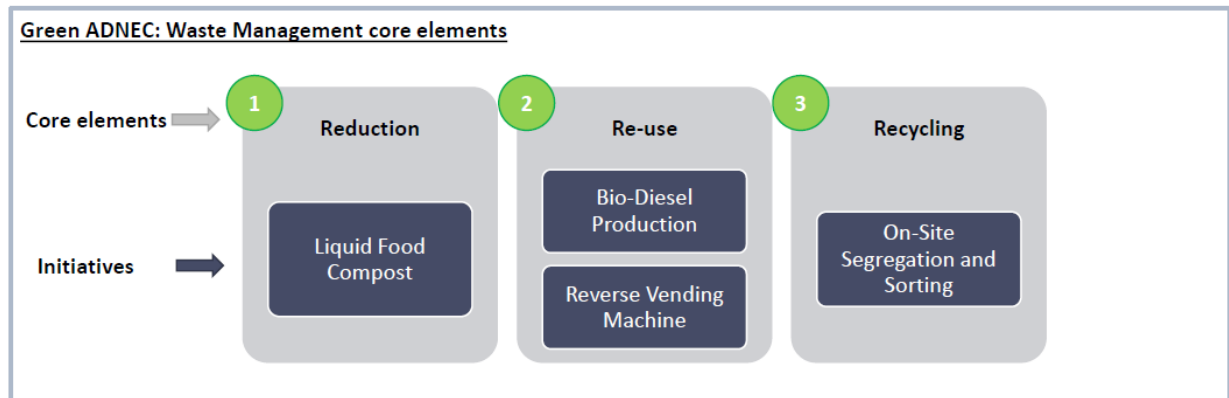
Since its inception, ADNEC has delivered significant impact on the Abu Dhabi economy valued at AED36.9 billion. In 2019 alone, the company supported the creation of over 20,000 job opportunities in related sectors and helped generate 764,161 guest nights for the hospitality sector in the Emirate. In addition to this, Abu Dhabi National Exhibition Centre and Al Ain Convention Centre hosted over 500 events and welcomed over 2million visitors in 2018 and 2019.

Project Approach

ADNEC established and executed the first major phase of its detailed Green ADNEC initiative, focusing on ADNEC's waste management and recycling elements. Green ADNEC is a holistic environmental initiative that spans across all business units and operations, and is mapped directly to our Corporate Strategy to ensure alignment to support in achieving the company's overall long term goals.

Green ADNEC focuses on a circular approach to waste management which identifies sources of waste within business operations and maximising reduction, re-use and recycling efforts to minimise net waste disposal.

A series of complementary initiatives were identified and implemented to recycle not only the obvious and usual disposal waste items (paper, plastic, glass), but also to focus on different types of waste generated, including food waste.



Project Implementation

Green ADNOC was established based on a number of key underlying factors:

- **Deliver against our mandate:** ADNOC is mandated to contribute to the Emirate of Abu Dhabi within a CSR and environmental perspective.
- **Alignment to the Corporate Strategy:** To support the Corporate Strategy and underlying long term strategic goals related to sustainability.
- **Future Foresight:** Based on research conducted, 'Greenovate' is a key future upcoming trend which may impact our business, and thus we considered the environmental impact of our operations in our future strategies and initiatives.

Key Objectives

The key objectives of Green ADNOC are:

- To position ADNOC as a group of sustainable venue and operations, and enhance the positive environmental reputation of the group.
- Contribute positively to the environment through effective waste management
- Enhance environmental practices within the company.
- Reduce the venue environmental impact by implementing different technologies for waste reduction and recycling.
- Increase environmental awareness and build an environmental culture in both employees and visitors.
- Green ADNOC established high level metrics to monitor results and track impact.
- Increased overall waste recycling (volume and as % of operations) - vs. recycling targets
- Reduced waste trips to landfill.
- Increased re-use of materials to aid circular economy and reduce primary consumption.
- More effective segregation to increase recycling efficiency.

Project Concept

Detailed link to Corporate Strategy and Innovation in ADNEC:

ADNEC's Circular Economy initiatives, most predominantly those focused on sustainability and environment/waste management, are a result of the Corporate Strategy and Corporate Strategic Objectives. As such, ADNEC's Circular Economy initiatives directly contribute to achieving our corporate long term strategic goals and driving economic contribution to the Emirate of Abu Dhabi.

This included:

Policies: In line with delivering against the ADNEC's Strategic Goals, a Circular Economy and Environmental Policy was established to ensure a holistic and structured approach to all corporate Green and environmental initiatives.

Future Foresight: In addition, and as part of the Corporate Strategic planning process, ADNOC conducted an in-depth Future Foresight analysis into industry trends regionally and globally, as well as understanding changing consumer behaviors and future technologies, and how all these factors could affect our business going forward. In light of this, we identified key concepts (focus areas) and formed teams tasked with proposing and prioritising solutions to these concepts. One of these concepts resulted in the formation of the 'Green ADNOC' focus concept to further enhance our environmental and circular economy initiatives, and tackle this challenge from an innovative perspective.

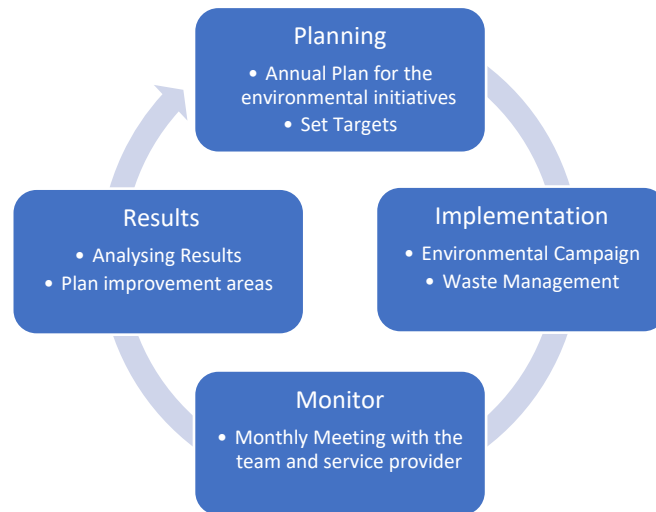
The combination of Future Foresight analysis with the existing Environmental Policy has further enabled the development of ADNEC's circular economy approach and initiatives. Innovation here applies to the way in which ADNEC addresses recycling and waste management – through new collaborations and partnerships, new technologies and by supporting primary research.



The project is run by the formed 'Green Team', who report to the Executive Steering Committee (composed of the company C-level) on a periodic basis. Management approval is requested where

required as per the Corporate Governance structure and policies. The project follows a continuous review, analysis and improvement cycle as per the below diagram.

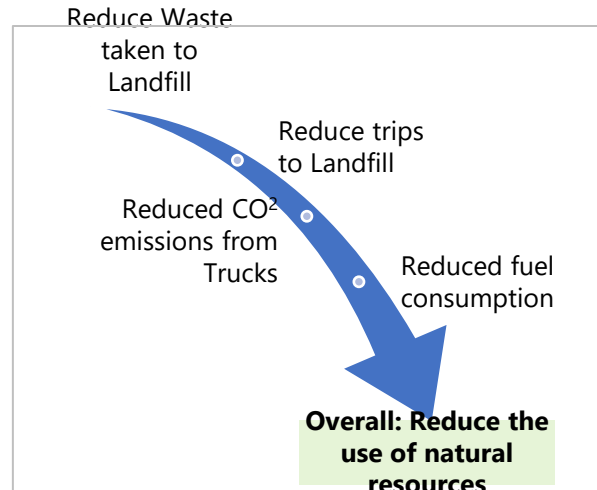
Monthly tracking was established to ensure that we perform against our KPIs and can 'red flag' any areas of concern. In addition, this continuous monitoring allows us to better identify further areas of opportunity. Continuous research keeps the team aware of current trends and emerging technologies or relevance.



Results Achieved

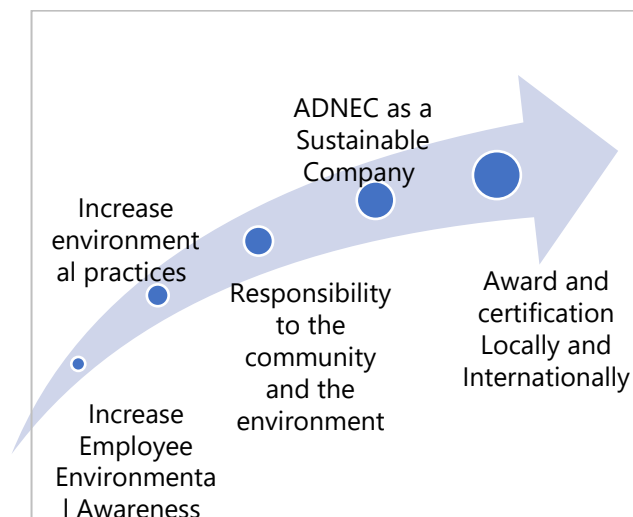
Compounded impact and benefits of reducing waste at-source:

- ADNEC's recycling and waste reduction initiatives not only directly reduce the amount of waste ANEC produces as a company, but also contribute in a circular fashion across the entire waste management value chain.
- For example, ADNEC considers the entire process through which waste management occurs, and ensures that the results of our initiatives are maximised by passing on further benefits to subsequent steps and processes.



Impact on ADNEC and Abu Dhabi Society:

- ADNEC uses its environment and circular economy initiatives to help drive a wider agenda of embedding an environmental culture with its own employees and to its other stakeholders (clients, visitors etc.), in the hope of maximising the positive impact on society and the environment.
- In addition, ADNEC continues to strive for new ways to be 'circular' in its approach to usage of raw material, so as to become as sustainable as possible.



Steps to achieving a similar project

Key steps to follow to implement this type of strategy:

- Be clear on budget, timelines and a defined project plan before starting anything. Whilst passion will drive the project forward, planning is key to avoid any bumps in the road.

- Take it one step at a time. Set smaller goals along the journey to greatness.
- Do not bring a consultant to do this for you. It needs to be done in house so that the team can take full ownership of the project. Your own team knows the limitations of the business and what works best and can come up with bespoke solutions instead of a copy and paste approach. You can customise the system to the specific needs of the business.
- Don't just assign people to your team based on their skills, they must be passionate about sustainability. Allow them to volunteer so that they feel more invested in the project.

Appendix Two



WELCOME TO
ADNEC

شركة أبوظبي الوطنية للمعارض
Abu Dhabi National Exhibitions Company



Who We Are

Founded in 2005, ADNEC Group comprises Abu Dhabi National Exhibition Centre, Al Ain Convention Centre, ExCeL London, Capital Gate, Andaz Capital Gate Abu Dhabi, Aloft Abu Dhabi, Aloft London ExCeL, IDEX LLC, Capital Hospitality and ADNEC Services.

What We Do

Put simply, we are in the business of events. Our world-class venues host hundreds of renowned events a year. Our award-winning divisions, Capital Hospitality and ADNEC Services provide exemplary support to organisers and exhibitors and we also proudly organise some of the most significant events in the region via our event organising arm, IDEX LLC.



Group Overview

VENUES



مركز العين للمؤتمرات
AL AIN CONVENTION CENTRE

Since 2011

EXCEL
LONDON

Since 2008

EXHIBITIONS



نافدكس
NAVDEX

Since 2011



سميتكس
SMITEX

Since 2016



يومكس
UMEX
ABU DHABI - UAE

Since 2015



إيدكس
IDEX

Since 1993



معرض أبوظبي
الدولي للقوارب
ABU DHABI
INTERNATIONAL
BOAT SHOW

Since 2018

HOTELS

A N d A Z

CAPITAL GATE
ABU DHABI

أنداز كابيتال جيت أبوظبي

Since 2012

aloft
ABU DHABI

Since 2009

aloft
LONDON EXCEL

Since 2011

SERVICES



Since 2016



كابيتال للضيافة
CAPITAL HOSPITALITY

Since 2016

Green ADNEC was established based on a number of key **underlying factors**:

- **Deliver against our mandate:** ADNEC is mandated to contribute to the Emirate of Abu Dhabi within a CSR and environmental perspective
- **Alignment to the Corporate Strategy:** To support the Corporate Strategy and long term sustainability goals
- **Future Foresight:** Based on research conducted, 'Greenovate' is a key future upcoming trend which may impact our business

The key objectives of Green ADNEC are:

- Position ADNEC as a group of sustainable venue and operations, and enhance the positive environmental **reputation** of the group
- **Contribute positively** to the environment through effective waste management
Enhance environmental **practices** within the company
- Reduce the venue environmental impact by implementing **different technologies** for waste reduction and recycling
- Increase environmental **awareness** and build and **environmental culture** in both employees and visitors

Green ADNEC established high level metrics to monitor results and track impact. **Key desired outcomes** have been listed below

- Increased overall waste recycling (volume and as % of operations) – vs. recycling targets
- Reduced waste trips to landfill
- Increased re-use of materials to aid circular economy and reduce primary consumption
- More effective segregation to increase recycling efficiency

Project Concept: Detailed link to Corporate Strategy and Innovation in ADNEC

- ADNEC's Circular Economy initiatives, most predominantly those focused on sustainability and environment/ waste management, are a result of cascading down from the Corporate Strategy and Corporate Strategic Objectives
- As such, ADNEC's Circular Economy initiatives directly contribute to achieving our Corporate long term strategic goals and driving economic contribution to the Emirate of Abu Dhabi



Project Concept: Detailed link to Corporate Strategy and Innovation

- **Policies:** In line with delivering against the ADNEC's Strategic Goals, a **Circular Economy and Environmental Policy** was established to ensure a holistic and structured approach to all corporate Green and environmental initiatives
- **Future Foresight:** As part of the Corporate Strategic planning process, ADNEC conducted an in-depth **Future Foresight** analysis into industry trends regionally and globally, as well as understanding changing consumer behaviors and future technologies, and how all these factors could affect our business going forward. Therefore, ADNEC identified key focus areas and formed teams tasked with proposing and prioritising solutions to these concepts. One of these concepts resulted in the formation of a '**Green ADNEC**' focus concept to further enhance our environmental and circular economy initiatives, and tackle this challenge from an innovative perspective.
- The combination of Future Foresight analysis with the existing Environmental Policy has further enabled the development of ADNEC's circular economy approach and initiatives
- ADNEC is committed to investing in projects and initiatives aimed at reducing waste across the entire value chain and positively supporting the environment



- **Establishment of dedicated team:** In line with our strategic goals, policies and departmental targets, a **Green Team** was established, spearheaded by the Environment department in order to design, plan and supervise the execution of green initiatives
- **Involvement across Business Units**
 - It was noted that ADNEC's Green initiatives span across all types of operation – a compulsory factor in order to manage waste and recycle effectively across all business lines
 - As such, the Green Team was formed of employees from across business units to most effectively align the executing team to the scope of work
 - A **multidisciplinary team** was therefore created, through both nominations and volunteers
- **Collaboration with external parties**
 - It was highlighted that effective execution would require **strategic collaborative partners**, with which ADNEC could work together across the circular economy value chain, and also leverage capabilities of its partners to implement initiatives most effectively and efficiently
 - ADNEC partners include but are not limited to: Abu Dhabi Sustainability Group, various governmental institutions (EAD, Tadweer, Masdar, etc.) and local authorities
 - ADNEC has also set up a strategic partnership with **DULSCO** as its waste management Service Provider

Project planning tasks

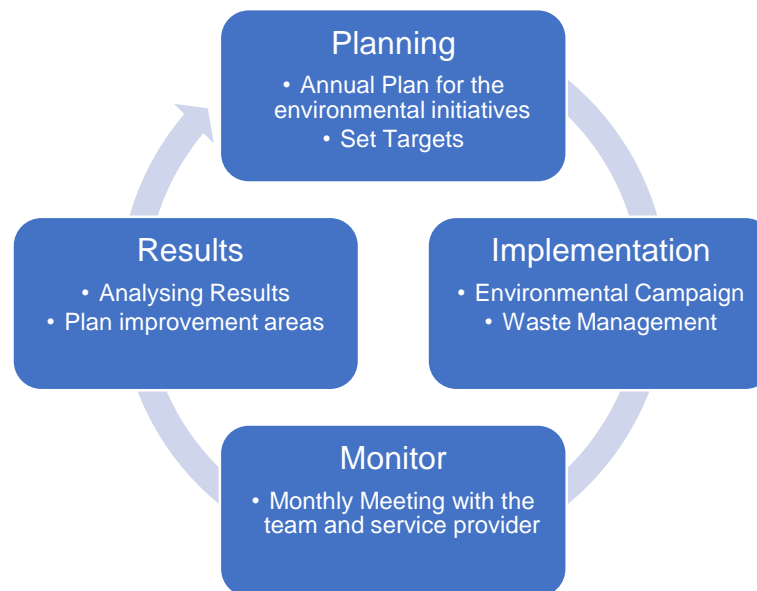
- Research and Insight: Formed an essential part of the project panning phase to understand key trends (present and future), existing environmental solutions, and new emerging technologies of relevance
- Multiple and periodic meetings were held to discuss potential environmental solution projects, and prioritise these with regards to implementation feasibility and impact
- Monthly meetings were held, with follow-ups and reports, with tasks effectively divided between team members
- Annual environmental and circular economy targets were set (against which we measure our actual performance)
- Engagement with marketing team to ensure effective communication plan was established for both internal employee awareness and external comms. Annual awareness initiatives were agreed to support in increasing environmental awareness of employees and visitors, and to embed the culture within the business

Environmental Initiative Plan

#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1 Sustainability Week	15-19											
2 BVM Awareness		6			26-31				18-20			
3 Stop & Donate			25									
4 Earth Hour			3									
5 Wildlife Camping				18								
6 My green buddy				4								
7 Paperless Day								05-19				3
8 Paperless Week												
9 World Environment Day					5							
10 Clean up												10-14
11 Food Compost Awareness						13						


#	Initiative	Planned start	Planned end	Actual start	Actual end	Completion	delay percentage	level of engagement	Method used	Justification
1	Sustainability Week	15-Jan-17	19-Jan-17	15-Jan-17		100%	0%	80%	Photo competition	
2	BVM Awareness	06-Feb-17	06-Feb-17	na		0%	0%	100%		
3	Stop & Donate 1	28-Mar-17	31-Mar-17	28-Mar-17	31-Mar-17	100%	0%	100%	my comms, donation area	
4	Stop & Donate 2	18-Sep-17	20-Sep-17			0%	0%	100%		
5	Earth Hour	25-Mar-17	25-Mar-17	25-Mar-17	25-Mar-17	100%	0%	100%	cancel, employee #	
6	Wildlife Camping	05-Mar-17	05-Mar-17	na		0%	0%	100%		
7	my green buddy	18-Apr-17	23-Apr-17	23-Apr-17		100%	2%	100%	My comms	
8	Paperless Day	04-Apr-17	04-Apr-17	04-Apr-17	04-Apr-17	100%	0%	100%	My comms	
9	Paperless Week	05-Aug-17	19-Aug-17			0%	0%	100%		
10	Paperless Day	05-Dec-17	05-Dec-17			0%	0%	100%		
11	World Environment Day	05-Jun-17	05-Jun-17	01-Jun-17	01-Jun-17	100%	0%	100%	My comms	
12	Clean up	10-Dec-17	14-Dec-17			0%	0%	100%		
13	Food Compost Awareness	13-Jul-17	13-Jul-17			0%	0%	100%		
	Overall					46%	46%			

- The project is run by the formed 'Green Team', who report to the Executive Steering Committee (composed of the company C-level) on a periodic basis. Management approval is requested where required as per the Corporate Governance structure and policies
- The project follows a continuous review, analysis and improvement cycle as per the below diagram
- Monthly tracking has been established to ensure that we perform against our KPIs and can 'red flag' any areas of concern
- In addition, this continuous monitoring allows us to better identify further areas of opportunity
- Continuous research keeps the team aware of current trends and emerging technologies or relevance



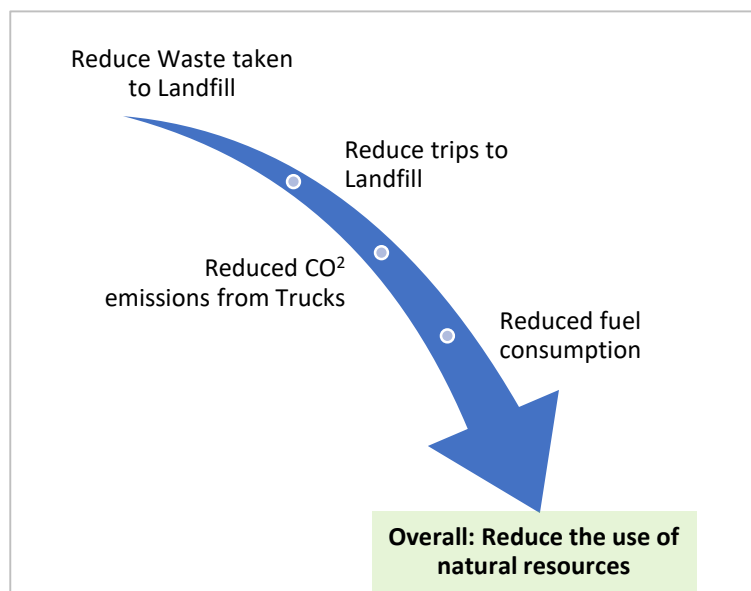
	Implementation	Involvement	Resources
Awareness	By internal Environmental Initiatives campaign	Green Team Marketing Department	Internal/ External Communication
Waste Management	Green initiatives and Internal policy/ plan Delivery on-site	Green Team Service Provider (collaboration)	Recycling Equipment and technologies

Waste Management monthly tracking example

Waste Management Report 2018														
Contractor: Dulco														
	2018													
Waste Streams	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total/Ton	
Cardboard	5,660	6,14	6,900	16,7	9,02	1,47	1,59	0,69	6,21	7,44	9,93	4,71	76,49	
Light-Metal-Scrap	-	-	-	-	-	-	-	-	-	-	-	-	-	
Metal Scrap	0,71	2,06	1,63	1,22	14,11	1,80	2,67	0,590	0,53	1,30	1,97	0,10	29,49	
Tin Cans (Aluminum)	-	-	-	-	-	-	-	-	-	-	-	-	-	
PET	0,38	0,25	2,10	1,51	0,17	0,09	0,38	0,10	0,36	0,29	0,5	0,03	6,00	
Plastic	0,970	-	-	-	-	-	-	-	-	-	-	-	0,97	
Paper	1,140	0,9	1,480	2,93	13,96	0,27	1,17	0,32	1,19	1,88	7,89	0,86	34,96	
Scrap Batteries	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Compost	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wood	33,90	56,90	78,40	111,60	31,80	3,40	13,50	16,50	30,90	33,7	137,0	28,4	576,90	
Concrete	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Waste (LFC)	-	1,3377	5,444	5,438	5,67	5,77	5,632	4,933	5,1030	5,0930	5,6580	5,054	55,55	
Compackable waste	-	-	-	-	-	-	-	-	-	-	-	-	-	
General Waste	71,510	61,119	85,500	98,60	59,40	24,79	15,2	15,190	38,58	56,26	146,70	60,53	733,99	
Hazardous Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total (Per Tons)	114	129	181	238	134	38	40	38	83	106	310	100	1,510	
Recyclables	42	68	96	139	75	13	25	23	44	50	163	39	777	
Non-Recyclables	72	61	86	99	59	25	15	15	39	56	147	61	733	
Recyclables %	37%	53%	53%	59%	56%	34%	62%	60%	53%	47%	53%	39%	51%	
Non-Recyclables %	63%	47%	47%	41%	44%	66%	38%	40%	47%	53%	47%	61%	49%	
Estimated Environmental Saving														
Paper Recycling Saved	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
# of Tree	116	120	142	334	391	30	46,920	17,170	125,800	158,440	302,940	94,690	1,878	
Gallon of Oil	3,148	3,260	3,880	9,103	10,640	806	1,277,88	467,63	3,426,20	4,315,16	8,250,66	2,578,91	51,125	
Thousands of landfill space	47,648	49,280	58,660	137,620	160,860	12,180	19,320,00	7,070,00	51,800,00	65,240,00	124,740,00	38,990,00	773,360	
Gallons of Water	3,148	3,260	3,880	9,103	10,640	806	1,277,88	467,63	3,426,20	4,315,16	8,250,66	2,578,91	51,125	
Kilowatts of Energy	27,200	28,160	33,520	78,640	91,920	6,960	11,040,0	4,040,0	29,600,0	37,280,0	71,280,0	22,280,0	441,920	
Tonnes of CO2														
Paper	1,505	1,188	1,954	3,868	18,427	0,356	1,544	0,422	1,571	2,482	10,415	1,135	45	
Cardboard	8,490	9,210	10,350	25,095	13,530	2,205	2,385	1,035	9,315	11,160	14,895	7,065	115	
Aluminium	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Tonnes of CO2 Saved														

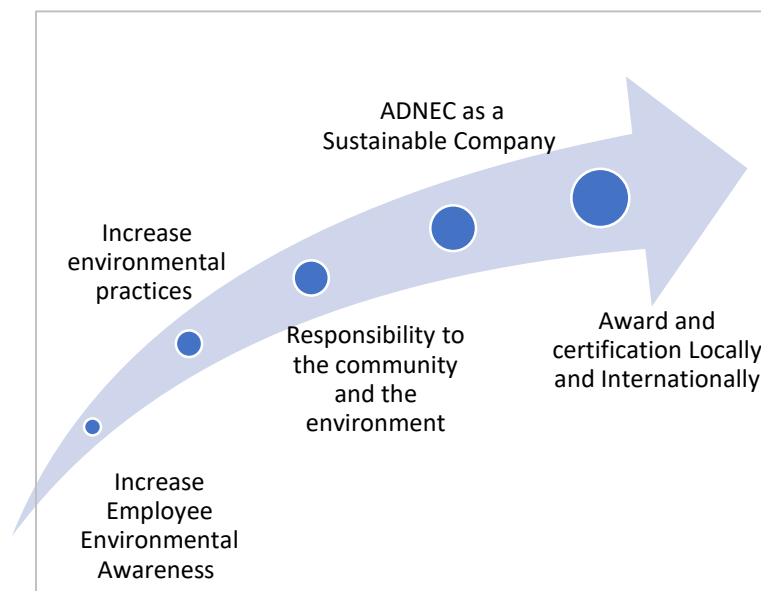
Compounded impact and benefits of reducing waste at-source

- ADNEC's recycling and waste reduction initiatives not only directly reduce the amount of waste ANEC produces as a company, but also contribute in a circular fashion across the entire waste management value chain
- For example, ADNEC considers the entire process through which waste management occurs, and ensures that the results of our initiatives are maximised by passing on further benefits to subsequent steps and processes



Impact on ADNEC and Abu Dhabi Society

- ADNEC uses its environment and circular economy initiatives to help drive a wider agenda of **embedding an environmental culture** with it's own employees and to it's other stakeholders (clients, visitors etc.), in the hope of maximising the positive impact on society and the environment
- In addition, ADNEC continues to strive for new ways to be 'circular' in its approach to usage of raw material, so as to become as **sustainable** as possible



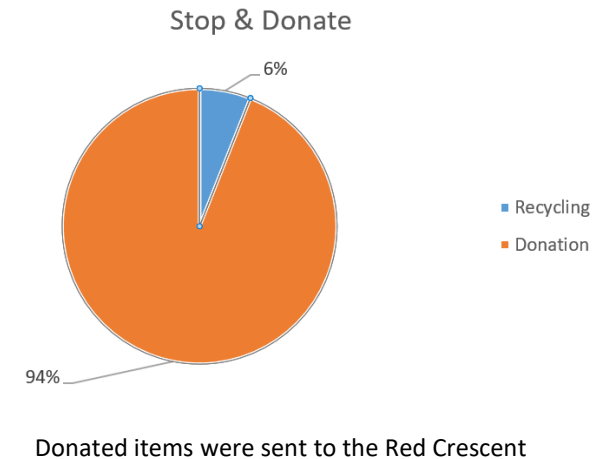
Sustainability Week

Materials for internal and external campaigns



Results of Stop and Donate Campaign at ADNEC and Al Ain Convention Centre 31July to 4th August 2019

Item		Type	2019
ADNEC	Clothes	1. Donation	140 kg
	Bags	2. Donation	9 kg
	Shoes	3. Donation	21 kg
	Holy Books	4. Donation	186 kg
	Books	5. Donation	1689 kg
	Toys	Donation	36 kg
	Furniture	Recycle	120 kg
	Electronics'	Recycle	16 Kg
AACC	Clothes	Donation	242 kg
	Bags	Donation	30 kg
	Books	Recycling	15 kg
	Electronics	Donation	32 kg
	Shoe	Donation	16 kg
	Toys	Donation	4 kg
Total			2504 KG



Results - Our Green Journey



Key milestones

- First Recycling Initiative
- ADNEC Green Team Established
- Kick-Start of Solid Food Composting
- Changing the Venue Lighting to LED
- Reverse Vending Machine was Introduced
- Upgrading from Solid Food Composting to Liquid Food Composting
- Bio-diesel plant installed and production begins

Awards

- Middle East Events Award for Green Award
- Middle East Events Awards: Green Award
- AEO Excellence Award for Most Sustainable Exhibition and Conference Venue
- AEO Excellence Award
- AEO Excellence Award
- Middle East Events Awards: Green Award
- EFQM Award in Circular economy

In addition:

ADNEC has been used as a case study for effective environmental practices

- Food Waste Reduction Software – Winnow
- Indoor Farming: Hydroponics – Increase utilisation of event space in down-time (low season) by growing crops on non-booked space, which are healthy and can be used for own catering business operations
- ISO 14001 – Certification
- Utilisation of new Liquid Food Composting machine for Wedding Kitchen Food Waste