



THE PATH TO CARBON NEUTRALITY



BUCUTI & TARA
BEACH RESORT · ARUBA

MEET BUCUTI & TARA

#1 Hotel in the Caribbean

Caribbean's first carbon neutral property





Gold

Travelife 
Sustainability in tourism



CarbonNeutral.com

CERTIFICATIONS HELD

IMPORTANCE OF CERTIFICATIONS

- Degradation in the 1980s due to tourism growth
- Serve as guidelines to protect natural resources
- Reduce CO2 emissions
- Reduce the cost of doing business to retain rates

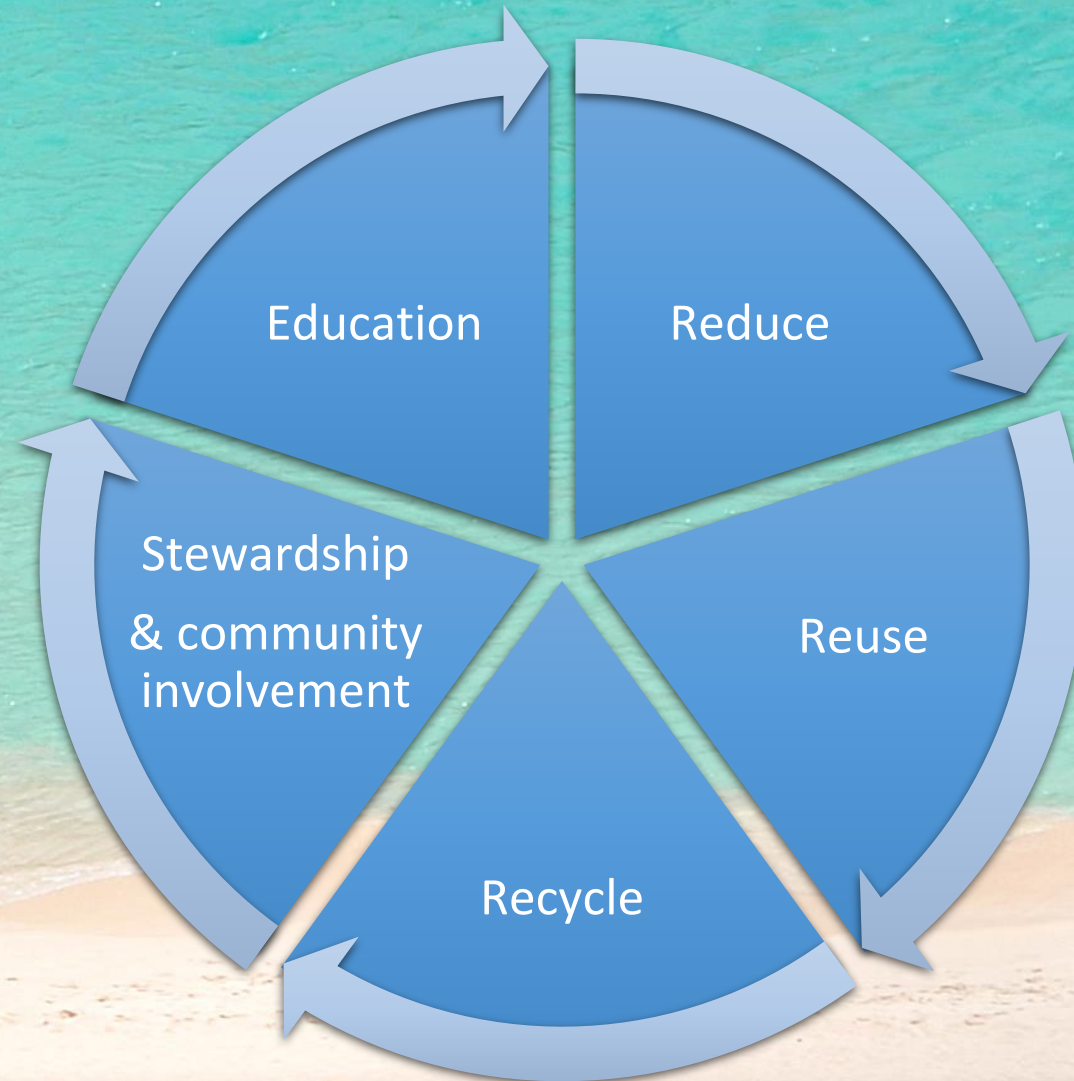
PHILOSOPHY

**Aruba is not in the Tourism business,
Aruba is in the Nature business -
without our Nature, there will be no
Tourism.**

~Ewald Biemans

Former AHATA President 2013

OUR COMMITMENT



LEED® ACCOMPLISHMENTS

During the certification process the following improvements were accomplished:

- Over 50% waste diversion from landfill
- Resort conversion to LED
- Appliances required to be Energy Star rated
- High percentage of staff comfort
- Green cleaning purchasing up to 97%

HOW TO: CARBON NEUTRAL CERTIFICATION

- Reduce: waste and use of fossil fuel backed energy
- Reuse: materials to reduce waste
- Recycle: anything possible to reduce the production of virgin materials
- Calculate emissions
- Verify emissions with third party
- Offset remaining emissions with an accredited offset project

REDUCE ELECTRICAL (FOSSIL FUEL-BACKED) CONSUMPTION

- Use Energy Star equipment where possible
- LED lighting
- Motion sensor lighting in public areas
- Temperature control: A/C preset set to 24°C
- Variable Refrigerant Flow cooling system – Energy efficient
- Insulated walls, roof & windows to keep the A/C running efficiently

REDUCE FOSSIL FUEL USE

- Largest private sector installation on island—173 kW. Provides 15% of our electrical needs. We will be expanding the solar system by another 27kW
- Solar hot water collectors (19)
- Induction cook stoves
- Encourage employee ride sharing
- Consolidate purchases to reduce transportation
- Of the electricity purchased from the government; 25% is renewable energy sources (wind/solar)



REDUCE WATER CONSUMPTION

- Purchase WaterSense certified fixtures where possible
- Motion sensor faucets installed in public areas
- Aerators installed on guest room faucets to reduce water use by mixing air into the water (1 gallon/minute)
- Low flow showerheads
- Dual flush toilets (0.95 & 0.65 gallons per flush)
- Encourage reuse of towels and linen
- Landscaping with indigenous plants





REDUCE PLASTIC

- Refillable canteen to all guests
- Water stations throughout property
- No use of disposable plastic items
- Reusable hard plastic cups at the bar
- Bulk purchasing
- Dispensers instead of portion controlled toiletries



REDUCE OTHER WASTE

- Plated food portions reduced by 30%
- Pilot food waste project with the World Wildlife Fund; able to further reduce food waste by 30% through tracking and associate training sessions.

[See case study](#)

- Landscaping material composted



REUSE MATERIALS

- Defective towels repurposed for gym
- Defective linens repurposed to laundry bags
- Welcome cards made from cardboard
- Food scraps provided to a pig farmer
- Grey water used for irrigation



RECYCLE

- Cardboard
- Glass
- Kitchen oil
- Returnable bottles and containers



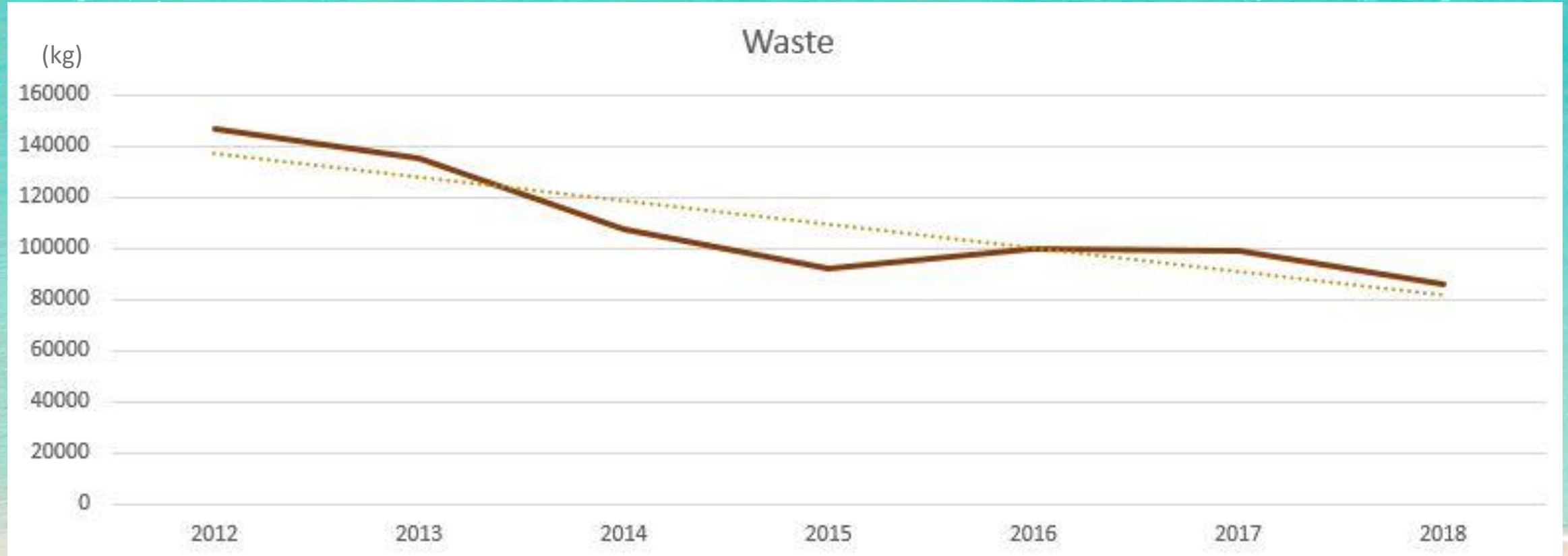
WASTE DIVERSION AUDIT

Amount (by weight in pounds/lbs.)

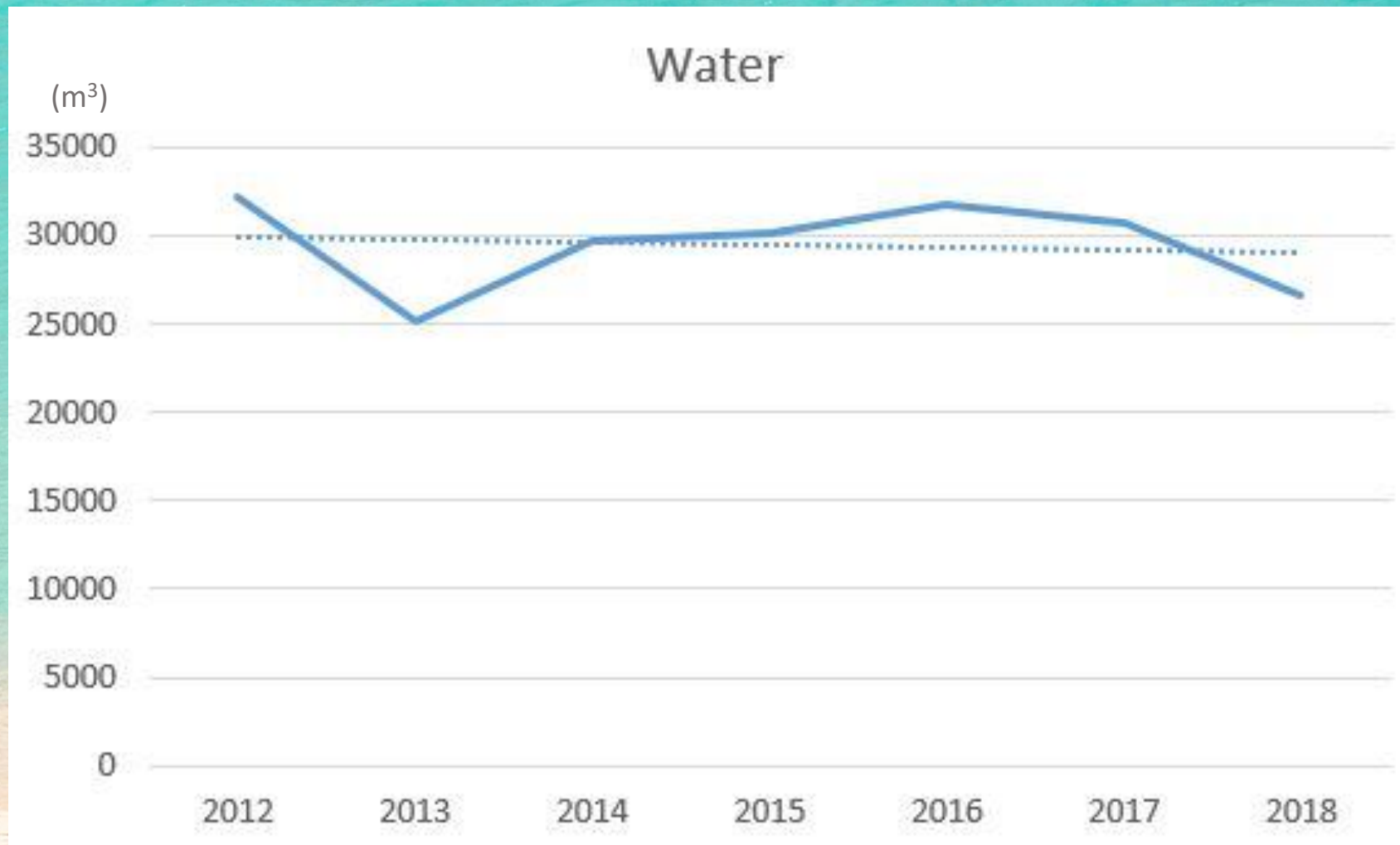
	Landfill Stream	Diversion Stream	Total Stream	Waste Type Not Diverted (%)	Waste Type Diverted (%)	Total Waste Associated with Total Waste (%)	Diversion Program
Glass	44.95	302.65	347.6	12.93	87.07	33.56	Yes
Aluminium	3.7	0	3.7	100.00	0.00	0.36	No, seperated off property
Plastics	10.8	0	10.8	100.00	0.00	1.04	No, seperated off property
Mixed Paper	9.35		9.35	100.00	0.00	0.90	No, seperated off property
Cardboard		63.7	63.7	-	100.00	6.15	Yes
Fluorescent Lamps			0	-	0.00	0.00	No, unavailable
Batteries			0	-	0.00	0.00	No, unavailable
Wet Waste	327.15	271.9	608.85	-	0.00	58.78	Partially
Miscellaneous	1.6		1.6	100.00	-	0.15	No, unavailable
Landscaping			0			0.00	Yes
Totals	397.55	638.25	1035.8	38.38	61.62	100.00	

Example provided from Bucuti & Tara Housekeeping, Aug. 22, 2018.

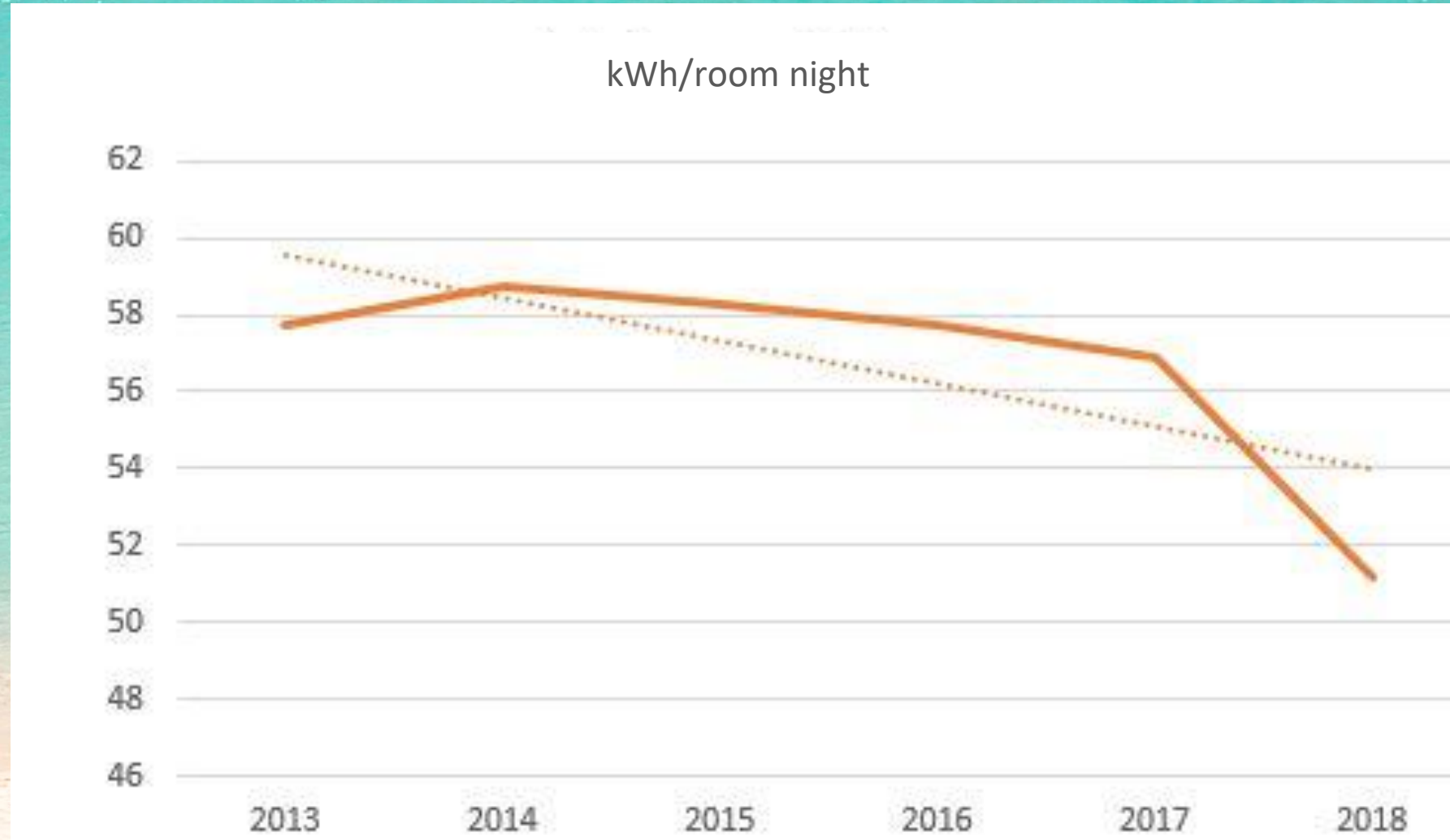
WASTE MANAGEMENT EFFICIENCY



WATER EFFICIENCY



ENERGY EFFICIENCY



ECO ROOMS

- Minibar offers coral safe natural local made sunblock
- Farmed wood
- Door sensors that work with the AC
- Green seal certified cleaning products (chlorine eliminated at 99%)
- Dehumidifiers
- HEPA filter air purifiers
- VOC elimination



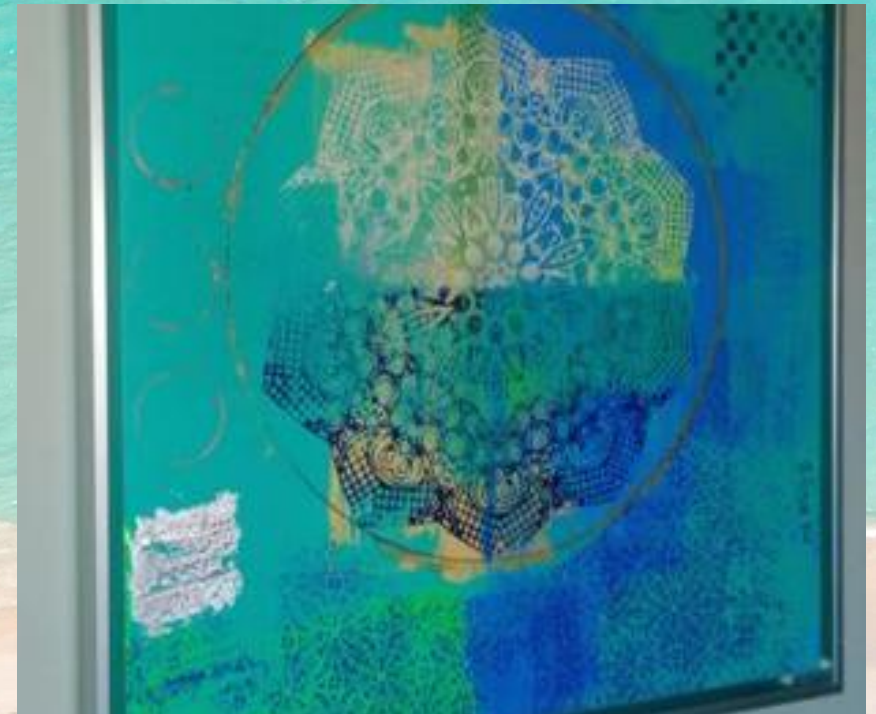
ECO FACILITIES

- Elements Restaurant
 - Deck made of recycled material
 - Induction cook stoves
 - Fair trade coffee & teas
- Pool
 - Salt water chlorination system
- Fitness center
 - Gym flooring made from recycled material
 - Repurposed towels
 - Electricity generating equipment
 - Insulated windows



COMMUNITY INVOLVEMENT

- Showcase local artists on property
- Supporters of Turtugaruba, Donkey Sanctuary, Animal Rights Aruba
- Adopt a Pet Program for associates and guests



COMMUNITY INVOLVEMENT

- Founder and sponsor of “Stimami sterilisami” spay and neuter program
- Activists against unsustainable practices
- Educational tours and trips for students, and all interested parties



Pa por frena e problema aki, nos mester di tar daho di mascota pa yuda
dece di sterilisa nan mascota y mas hepi cacho y pushi di caya pesibel.

E operacion ta un elemento esencial pa ta un dueño responsable. Tambe e operacion ta contribui na abaja poblacion di mas di pushi y cacho di caya. Adicionalmente e ta un beneficio importante pa e salud di e bestia.

E operacion di esterilizacion ta encara remove e organonan reproductivo di e pushi of cachu, sea hembra of machu.

E bentayanan positivo di Sterilizacion pa bo mascota ta:

- Nan tin un bida mas largo
- Nan ta mas resistente na malesa
- Nan ta mas leal
- Na mas puppies indesea

Sea asina bon y responsable di esterilisa bo pushi of cachu y ricibi un prijs special.

Prijs special:	
Cachu hembra	Afl 75 (plus BBO)
Cachu machu	Afl 100 (plus BBO)

Pa mas informacion bisita:
www.stimamisterilisami.com

GUEST PARTICIPATION

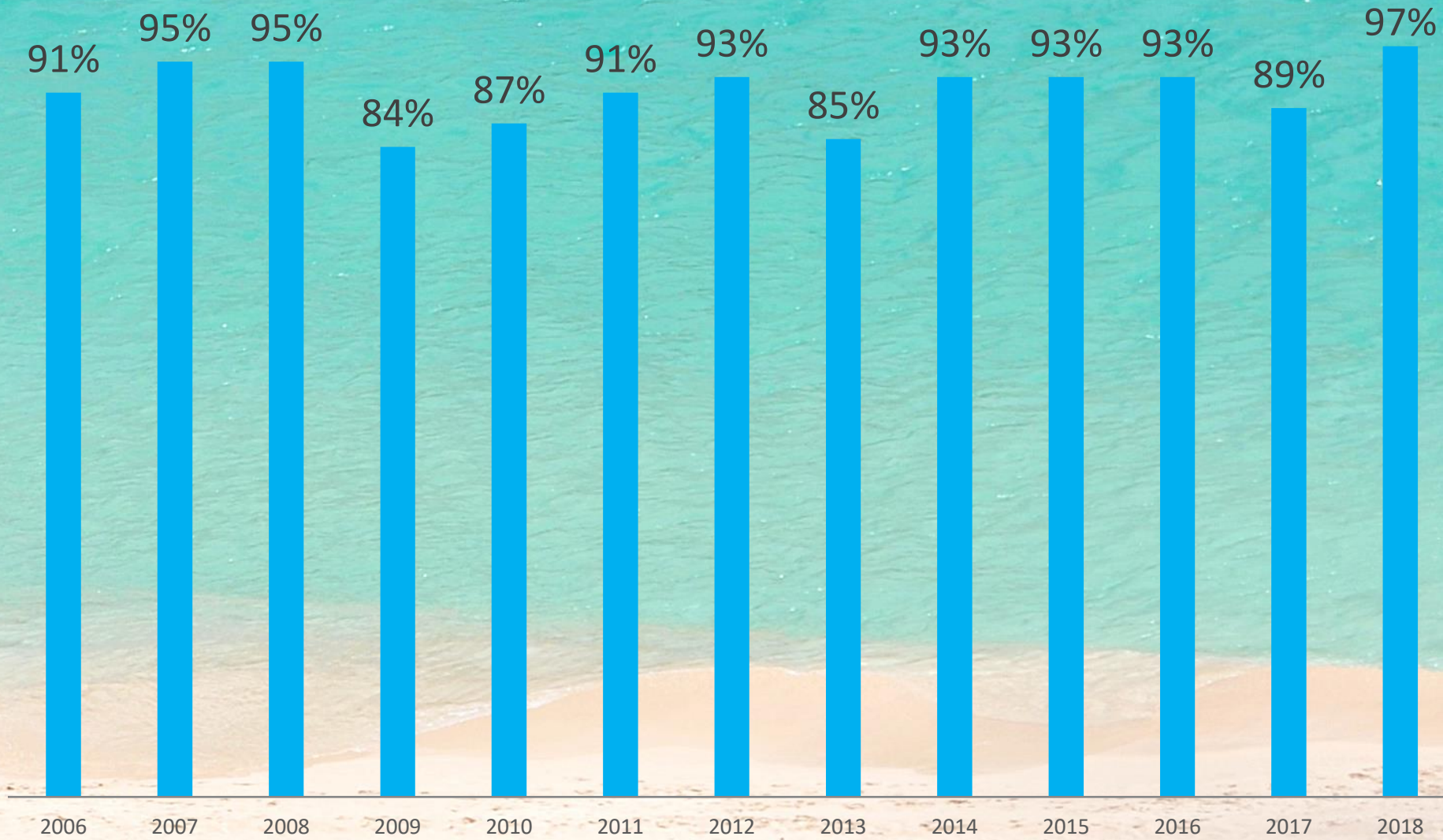
- Monthly beach clean ups
- Yearly coastal clean up
- Earth day activities
- Green stay program
- Pack for a Purpose



PACK for a **PURPOSE**[®]
Small Space. Little Effort. Big Impact.



OCCUPANCY



Under renovation

CARBONNEUTRAL[®] CERTIFICATION

First resort in the Caribbean to achieve net zero certification





CarbonNeutral[®] Hotel

Bucuti & Tara Beach Resort

This certificate verifies that:
The stated footprint has been offset to net zero through the use of high quality market based instruments that meet the requirements of The CarbonNeutral Protocol.


Stephen J. Killeen
CEO, Natural Capital Partners

853 tonnes CO₂e

Certificate issued by:


Certificate Number: CH201807950
This CarbonNeutral[®] certificate conforms to the requirements of The CarbonNeutral Protocol. For the current version, please visit carbonneutral.com

Certification CarbonNeutral [®] hotel	Duration 8/29/2018-8/28/2019
Name of organisation Bucuti & Tara Beach Resort	Quantity of contractual instruments 853 tonnes CO ₂ e
Subject Bucuti & Tara Beach Resort	
Project information Aruba Wind, Aruba, Gold Standard VER (853 tCO ₂ e)	

Contract: 818001

HIGHEST CERTIFICATION SCORE IN THE WORLD

“Most Sustainable Hotel in
the World”

- Green Globe 2016



AWARDS FOR SUSTAINABILITY

- Winner of WTTC's Climate Action Award - 2019
- Caribbean's First Certified CarbonNeutral[®] Resort – 2018
- Energy Globe National Winner - 2018
- Social Responsibility CHIEF Award for Spay & Neuter Program, Caribbean Hotel & Tourism Association - 2018
- Environmental Sustainability CHIEF Award, Caribbean Hotel & Tourism Association - 2017
- Leader in Sustainability: Ewald Biemans - 2016 Gold Adrian Award HSMAI/National Geographic Traveler
- "Most Sustainable Hotel in the World" - 2016 Green Globe Platinum
- Highly Commended in Americas - 2015 Green Hotelier Awards

AWARDS FOR SUSTAINABILITY

- Eco-Friendly Hotel - 2015 Travel Weekly Magellan Award
- GreenLeader Platinum - 2015 TripAdvisor
- Green Hotelier of the Year (Owner Ewald Biemans) - 2014 Caribbean Travel Awards
- Green Globe High Achievement Award - 2011
- Green Globe Award for Superior Environmental Protection - 2009
- Green Award - 2009 American Express
- Green Hotel of the year - 2009 Caribbean Hotel Association
- Environmental Award - 2009 International Hotel & Restaurant Association
- Environmentally friendly and sustainable practices - 2009 ISLANDS Blue List
- National Geographic Traveler “Stay List” - 2009