

The Green Beach Model

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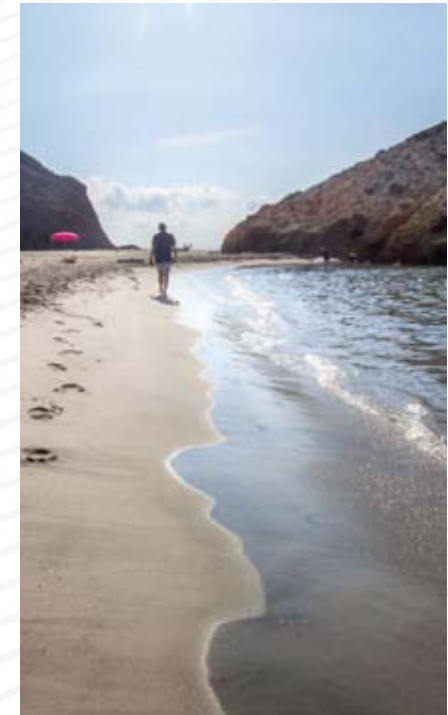
Introduction

- ❑ Sun, sea and sand is the main ingredients for coastal tourism
- ❑ Beaches play an important role as locations for recreation and as attractions
- ❑ Beaches have a high value for the coastal municipalities → attract tourists → contribution to the local economic development → uncontrolled growth of tourism activity → pressures on the environmental and cultural resources of coastal areas and negative affects the social, economic and cultural patterns of tourist destinations.



Introduction

- ❑ Increasing demand for high quality and sustainable beaches → clean beaches, easily accessible and safe.
- ❑ lack of sustainable planning and proper management of coastal tourism development → many beaches have not been developed/managed in a sustainable way ⇒ loss of the natural beauty of the site and a negative beach user experience.
- ❑ Green Beach Model: to provide guidance in helping to establish benchmarks for beach management and safety.



What is a Green Beach?

A beach which incorporates the principles of sustainability to an integrated management of all the resources needed to meet the economic, environmental and social needs and at the same time preserve cultural integrity, ecosystems, biodiversity and basic living conditions.



Why do we need “Green” Beaches?

✓ Environmental benefits:

- Protection of the environment and natural resources
- Protection and conservation of protected species
- Sustainable waste management,
- Sustainable management of special waste,
- Use of renewable energy resources
- Reduction of urban sprawl of the coastal zone



Why do we need “Green” Beaches?

□ Why do we need “Green” Beaches?

✓ Profitability:

- Support local employment and income for residents,
- Increase income for the beach managing entity,
- Increase the added value of the beach
- Promotion of local business worldwide,
- Connect the visitors of a beach with the mainland and its cultural identity.

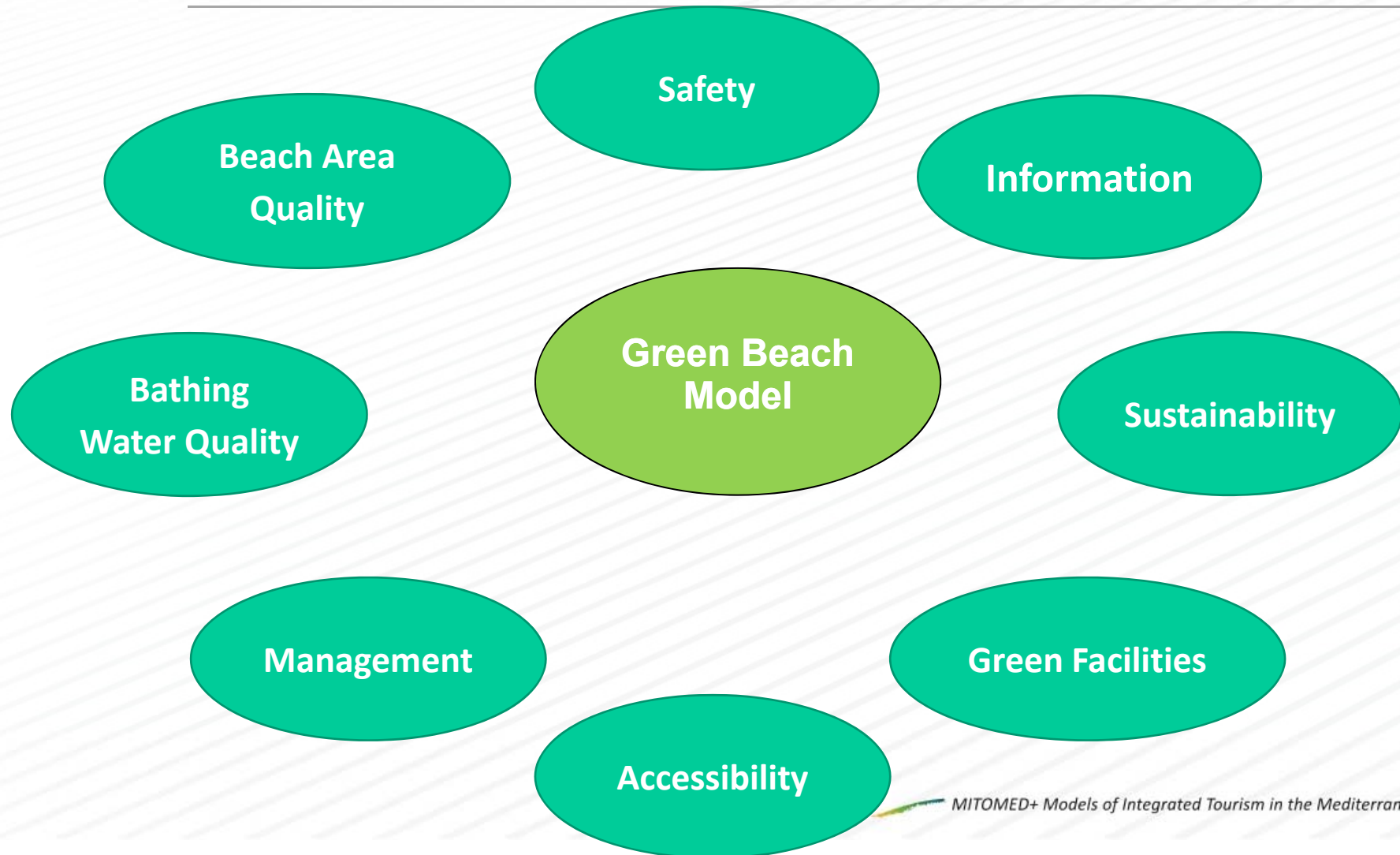


Why do we need “Green” Beaches?

✓ Social Benefits:

- Promotion and conservation of the quality and cultural characteristics of the area,
- Increases the satisfaction of beach users
- Better service quality and control of costal area
- Increased security
- Better-quality consumer experiences
- Greener – sustainable holiday
- Improves the quality of life of residents

Green Beache Model



Green Beach Model

24 criteria to meet in total. Each criterion has been allocated an individual weighting/ importance score as follow:

- ✓ 5= essential to a “green” beach,
- ✓ 4 = important to a “green” beach,
- ✓ 3 = desirable for a “green” beach,
- ✓ 2 = added value for a “green” beach,
- ✓ 1 = low importance for the “green” beach

Bathing Water Quality

Bathing Water Quality (3 criteria): Beaches should achieve excellent bathing water quality.

- ✓ Water quality sampling and frequency requirements:
 - At least one sampling site at the concentration of bathers and/or at potential sources of pollution,
 - The samples should be taken 30 cm below the water surface except for the mineral oil samples that should be taken at surface level



Bathing Water Quality

Category: *Bathing Water Quality*

Criterion

Water quality sampling and frequency requirements.

Weighting/ Importance Scoring: 5

Measurement and Monitoring:

Number of Sampling sites and frequency of sampling.

Points:

10 points: In the "excellent" and "good" areas, as well as protected areas, the water sample is taken at least once a month.

8 points: In "sufficient" and "poor" areas, at least one sample site where the concentration of bathers is highest and water sample is taken at least once a month.

6 points: at least one sample site at the beach and water sample is taken in a period of more than one month during the high peak season and in a period of more than one month during the low season of the beach.

4 points: at least one sample site at the beach and water sample is taken in a period of more than one month during the high peak season.

2 points: at least one sample site at the beach and only one water sample is taken during the high peak season.

0 points: no sample site at the beach and no water sample collection.

Bathing Water Quality

- ✓ Standards and requirements for water quality analysis
 - Trained person to collect the samples
 - The water quality of the beach must meet the highest standards of EU bathing water directive of the EU water Framework directive when applicable.

Parameter	Coastal and transitional waters Limit values	Inland waters Limit values
Escherichia coli (Faecal Colibacteria)	250 cfu/100 ml	500 cfu/100 ml
Intestinal Enterococci (streptococci)	100 cfu/100 ml	200 cfu/100 ml

Bathing Water Quality

Category: *Bathing Water Quality*

Criterion

Standards and requirements for water quality analysis for parameter *Escherichia coli*

Weighting/ Importance Scoring: 5

Measurement and Monitoring:

Water quality to be measured to identify pollution incidents at the beach.

Points:

10 points: meet standards at least at 95% of sampling points for parameter *Escherichia coli*

8 points: meet standards at least at 90% of sampling points for parameter *Escherichia coli*

6 points: meet standards at least at 85% of sampling points for parameter *Escherichia coli*

4 points: meet standards at least at 80% of sampling points for parameter *Escherichia coli*

2 points: meet standards at least at 75% of sampling points for parameter *Escherichia coli*

0 points: meet standards at less than 75% of sampling points for parameter *Escherichia coli*

Bathing Water Quality

- ✓ No industrial, waste-water or sewage-related discharges should affect the beach area
 - Information to warn the public that there is an intermittent discharge and where it is
 - The collection, treatment and discharge of urban wastewater in the community must meet and comply with national/ international standards and legislation .
 - Water samples should be taken all year from the beach
 - Train and involved beach staff, lifeguards and beach users to improve the beach environment in order not to affect the water quality.

Bathing Water Quality

Category: *Bathing Water Quality*

Criterion

No industrial, waste-water or sewage-related discharges should affect the beach area.

Weighting/ Importance Scoring: 5

Measurement and Monitoring:

Discharged sites at the beach that must comply with EU Urban Waste Water Treatment Directive (91/271/EEC).

Points:

10 points: No discharged sites at the beach

8 points: discharge site at the beach and meet the standards of EU Urban Waste Treatment Directive and it affects the water quality that meet standards at least at 95% of sampling points.

6 points: discharge site at the beach and meet the standards of EU Urban Waste Treatment Directive and it affects the water quality that meet standards at least at 90% of sampling points.

4 points: discharge site at the beach and meet the standards of EU Urban Waste Treatment Directive and it affects the water quality that meet standards at least at 85% of sampling points.

2 points: discharge site at the beach and meet the standards of EU Urban Waste Treatment Directive and it affects the water quality that meet standards at least at 80% of sampling points.

0 points: discharge site at the beach and meet the standards of EU Urban Waste Treatment Directive and it affects the water quality that meet standards at less than 80% of sampling points.

Beach Area Quality

Beach Area Quality (2 criteria): a clean beach with no beach litter that affects the natural environment as well as the off-shore biodiversity

✓ No cigarette butts at the beach:

- The beach area must be kept clean and have the less cigarette butts per 1m².
- Suitable cigarette ash trays
- Sun bed to hold ashtrays
- Simple smoking zones at the beach and/or designate smoking and no-smoking areas for sun lounges.



Beach Area Quality

Category: *Beach Area Quality*

Criterion

No cigarette butts at the beach

Weighting/ Importance Scoring: 5

Measurement and Monitoring:

Measurement once a month

Number of cigarette buds per 1m² to be measured once a month.

Points:

10 points: 0-4 cigarette butts per 1m²

8 points: 5-10 cigarette butts

6 points: 11-15 cigarette butts per 1m²

4 points: 16 – 20 cigarette butts per 1m²

2 points: 20-25 cigarette butts per 1m²

0 points: 26+ cigarette butts per 1m²

Beach Area Quality

- ✓ No general man-made waste and sewage-related debris on beach (i.e. glass, plastic, cans, feminine hygiene, human faeces, toilet paper, etc).
 - Less man-made waste per 100m².
 - Appropriate and adequate number of waste bins,
 - Create a waste area,



Category: *Beach Area Quality*

Criterion

No general man-made waste and sewage related debris on beach

Weighting/ Importance Scoring: 5

Measurement and Monitoring:

Measurement once a month

Number of man-made waste items per 100m² to be measured once a month.

Points:

10 points: 0-5 man-made waste items per 100m²

8 points: 6-10 man-made waste items per 100m²

6 points: 11-15 man-made waste items per 100m²

4 points: 16 – 20 man-made waste items per 100m²

2 points: 21-25 man-made waste items per 100m²

0 points: 26+ man-made waste items per 100m²

Safety

Safety (2 criteria): The beach operator must ensure that there are adequate safety measures and that they comply with the national legislation regarding beach safety.

- ✓ Beach Safety with a lifeguard and equipment:
 - Adequate number of lifeguards placed at appropriate intervals according to the beach characteristics and use ,
 - Public rescue equipment must be at the beach and must be regularly inspected and must fulfil national/international guidelines.



Safety

Category: *Safety*

Criterion

Beach Safety with a lifeguard and equipment

Weighting/ Importance Scoring: 3

Measurement and Monitoring:

Number of lifeguards per 200 meter and existence of life saving equipment¹

Points:

10 points: 2 lifeguards per 200m and existence of a well-maintained life-saving equipment.

8 points: 1 lifeguards per 200m and existence of a well-maintained life-saving equipment.

5 points: no lifeguard but existence of a well-maintained life-saving equipment.

0 points: no lifeguard and no lifesaving equipment at the beach.

¹In the case there is a different national legislation about the number of lifeguards per meter than the above then are changing according to national legislation.

Safety

- ✓ Safety measures to protect users of the beach:
 - Access to the beach must be safe
 - Visitors to the beach should be safe
 - Visitors are protected against violations of civil rights and corruption



Safety

Category: *Safety*

Criterion

Safety measures to protect users of the beach

Weighting/ Importance Scoring: 1

Measurement and Monitoring:

Access to the beach must be safe.

Points:

10 points: safe access to the beach, provision of information about safety and guards at the beach.

8 points: safe access to the beach, provision of information about safety and no guards at the beach.

5 points: safe access to the beach no provision of information about safety and no guards at the beach.

0: no safe access to the beach, no provision of information about safety and no guards at the beach.

Accessibility

Accessibility (2 criteria): Total accessibility ensures that the physically challenged persons directly reaches both the water and the water's edge.

- ✓ Access for the physically disabled people in the water and at the beach:
 - Creating a path in wood or recycled material with the features needed to allow people in wheelchairs to reach the water
 - Creation of boarding bridges connecting services with the beach as well as giving access to the water.



Accessibility

Category: *Accessibility*

Criterion

Access for the physically disabled people in the water and at the beach.

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Site evaluation once a month.

Points:

10 points: existence of facilities that allow physically challenged persons directly reaches both the water and the beach.

5 points: existence of facilities that allow physically challenged persons directly reaches either only water or only the beach

0 points: no facilities to allow physically challenged persons to reach the water and the beach.

Accessibility

- ✓ Facilities provided for the physically disabled people in the water and at the beach:
 - Creation of an accessible hygiene service
 - Creation of accessible changing cabin equipped with a flexible seat-shower to facilitate showering;
 - Supply of 1 accessible beach chair (“floating”);
 - Supply of a “Polynesian” canoe, appropriately modified and equipped;
 - Supply of an appropriate modified and equipped raised beach chaises;
 - Tactile route and map on a low-based lectern
 - Information notice board with map and project presentation

Accessibility

Category: *Accessibility*

Criterion

Facilities provided for the physically disabled people in the water and at the beach.

Weighting/ Importance Scoring: 3

Measurement and Monitoring:

Site evaluation once a month.

Points:

2 points are awarded for each facility with a maximum of 10 points.



Green Facilities and Eco-Beach Furnishing

Green Facilities and Eco – Beach Furniture (1 criterio): facilities friendlier, aesthetically and physically sensitive to the environment.

✓ Eco beach furnishing:

Compulsory Activities

- Sun loungers and beach umbrellas must be sustainably and/or aesthetically sensitive to the natural environment.
- Toilets should be housed with sustainable material for the beach users, have sewage disposal and water saving devices.
- Shower facilities must have water saving devices, solar thermal panels, tanks to collect and recycle waste water and to be housed in sustainable timber units.

Green Facilities and Eco-Beach Furnishing

Category: *Green Facilities and Eco-Beach Furnishing*

Criterion

Sun loungers must be sustainably and/or aesthetically sensitive to the natural environment.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Side Evaluation to be made once a month during the beach season.

Points:

10 points: all sun loungers are made of eco-material (FSC or SFI wood/ recycled materials/ reclaimed materials)

8 points: some sun loungers (at least half) are made from eco-materials.

5 points: sun loungers are not made from eco-materials but are consistent in style with all mats being aesthetically sensitive to the environment (green/brown/beige/ blue).

2 points: sun loungers are not made from eco-materials and mats are not aesthetically sensitive to the environment (red, with stripes) but are consistent in style.

0 points: sun loungers are not made from eco-materials and are inconsistent in color and style.

Green Facilities and Eco-Beach Furnishing

Category: *Green Facilities and Eco-Beach Furnishing*

Criterion

Toilets should be housed with sustainable material, have sewage disposal and water saving devices

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Side Evaluation to be made once a month during the beach season.

Points:

10 points: all toilets are composting toilets housed with sustainable material (FSC or SFI wood units) and have a sewage disposal and water saving devices.

8 points: beach toilets are housed with sustainable material (FSC or SFI wood units), have a sewage disposal and water saving devices.

5 points: beach toilets are not housed with sustainable material (FSC or SFI wood units), there is sewage disposal and water saving devices.

2 points: beach toilets are not housed with sustainable material (FSC or SFI wood units), there is no sewage disposal but they have water saving devices.

0 points: beach toilets are not housed with sustainable material (FSC or SFI wood units), there is no sewage disposal and no water saving devices.

Green Facilities and Eco-Beach Furnishing

Category: *Green Facilities and Eco-Beach Furnishing*

Criterion

Beach umbrellas must be sustainably sourced and/or aesthetically sensitive to the natural environment

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Site Evaluation to be made once a month during the beach season.

Points:

10 points: all umbrellas are made of eco-material (FSC or SFI wood/ recycled materials/ reclaimed materials, e.g. Natural palm leaf)

7 points: some umbrellas (at least half) area made from eco-materials.

3 points: umbrellas are not made from eco-materials but colors are consistent and sensitive to the natural environment (green/brown/beige/ blue).

0 points: umbrellas are not made from eco-materials and are insensitive to the natural environment (red, with stripes).

Green Facilities and Eco-Beach Furnishing

Category: *Green Facilities and Eco-Beach Furnishing*

Criterion

Shower facilities must have water saving devices, solar thermal panes, water and tanks to collect and recycle waste water and to be housed in sustainable timber units.

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Side Evaluation to be made once a month during the beach season.

Points:

10 points: all showers are housed with sustainable material (FSC or SFI wood units), have water saving devices, solar thermal panes and tanks to collect and recycle waste water.

8 points: showers are not housed with sustainable material (FSC or SFI wood units), but they have water saving devices, solar thermal panes and tanks to collect and recycle waste water.

5 points: showers are not housed with sustainable material (FSC or SFI wood units), they don't have water saving devices but they have solar thermal panes and tanks to collect and recycle waste water.

2 points: showers are not housed with sustainable material (FSC or SFI wood units), they don't have water saving devices and solar thermal panes but have and tanks to collect and recycle waste water.

0 points: showers are not housed with sustainable material (FSC or SFI wood units), they don't have water saving devices, solar thermal panes and no tanks to collect and recycle waste water.

Green Facilities and Eco-Beach Furnishing



Sustainability

- ✓ Waste disposal bins must be available at the beach in adequate numbers, regularly maintained and can separate recycled materials:
 - Adequate number
 - Regularly maintained
 - Well secured
 - Spaced appropriately.



Sustainability

Category: *Sustainability*

Criterion

Waste disposal bins must be available at the beach in adequate numbers, regularly maintained and can separate recycled materials

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Side Evaluation to be made once a month.

Points:

10 points: available waste disposal bins at the beach in adequate numbers and well maintained that allow the separation of recycled materials (cans, papers, plastic, bottles).

8 points: available waste disposal bins at the beach, not in adequate numbers but well maintain that allow the separation of recycled materials (cans, papers, plastic, bottles).

5 points: available waste disposal bins at the beach, in adequate numbers and well maintain for mixed recycled materials.

2 points: available waste disposal bins at the beach, not adequate numbers and not well maintained for mixed recycled materials

0 points: no available waste disposal bins at the beach.

Sustainability

- ✓ Beaches must respect and support the identity and conformation of the sites, especially in protected areas the endemic and/or indigenous plants, habitats, species, and ecosystems to attract high levels of native biodiversity.
- Native vegetation
- Supporting endemic or indigenous plants in order to attract higher levels of native biodiversity
- Determine what is already growing at the beach and what else native can be plant.

Sustainability

Category: *Sustainability*

Compulsory Criterion

Beaches must respect and support the identity and conformation of the sites, especially in protected areas, the endemic and/or indigenous plants, habitats, species, and ecosystems to attract high levels of native biodiversity.

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Side Evaluation to be made once a month.

Points:

10 points: the beach is in a protected area, has a significant amount of indigenous/endemic plants and measures to protect the ecosystem.

8 points: the beach has a significant amount of indigenous/endemic plants and measures to protect the ecosystem.

5 points: the beach has some indigenous/endemic plants but no measures to protect the ecosystem

2 points: the beach has a significant amount of general planting

0 points: the beach does not have any planting.



Sustainability

- ✓ Promotion of local food and drinks
 - use local, seasonal and fresh ingredients
 - If possible ingredients should be organic and have recipes for vegetarians and vegans



Sustainability

Category: Sustainability

Criterion

Promotion of local food and drinks.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Site Evaluation to be made twice a year.

Points:

10 points: the beach is providing a significant amount of local food and drink (at least 75% of menu is local food and drink) and food vendors have energy saving measures.

8 points: the beach is providing an amount of local food and drink (at least 50% of menu is local food and drink) and food vendors have energy saving measures.

6 points: the beach is providing a small amount of local food and drink (at least 25% of menu is local food and drink) and food vendors have energy saving measures.

4 points: the beach is providing a small amount of local food and drink (at least 25% of menu is local food and drink) and food vendors don't have any energy saving measures.

2 points: the beach has at least 1 local dishes and food vendors don't have any energy saving measures.

0 points: the beach has no local dishes and no energy saving measures.

Sustainability

- ✓ Sustainable transportation: sustainable means of transportation should be promoted in the beach area.
- Encourage public transport such as ensuring that an up to date bus timetable is available at the beach,
- Encourage cycling through bike renting, facilities for bike parking and information about bike areas.
- Encouraging walking by develop pedestrian access and promoting walking routes using information leaflets on how to get to the beach.
- Support plans to organise traffic and reduce the peak traffic periods

Sustainability

Category: Sustainability

Criterion

Sustainable transportation: sustainable means of transportation should be promoted in the beach area

Weighting/ Importance Scoring: 4

Measurement and Monitoring:

Side Evaluation to be made once year.

Points:

For each of the following 2 points are awarded:

- bike racks at the beach
- bus timetable and routes displayed at the beach
- information material and maps on how to get to the beach
- available walking trails/ bike routes from the town to the beach
- plans to organise traffic and reduce the peak traffic periods

Management

- ✓ The beach must comply with all regulations affecting the location and operation of the beach
- Beach operation and immediate surrounding area must comply with official development plans and planning regulations.
- Follow laws regulating the use of the coastal zone or freshwater areas, including environmental conservation regulations

Management

Category: Management

Criterion

The beach must comply with all regulations affecting the location and operation of the beach.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Evaluation of the beach once a year

Points:

10 points: The beach is following all the relevant legislations that affect the location and operation of the beach.

8 points: The beach is following at least the 75% of the relevant legislations that affect the location and operation of the beach and is making efforts to meet all the relevant regulations.

5 points: The beach is following at least the 50% of the relevant legislations that affect the location and operation of the beach and is making efforts to meet all the relevant regulations.

2 points: The beach is following at least the 25% of the relevant legislations that affect the location and operation of the beach and is making efforts to meet all the relevant regulations.

0 points: The beach is not following any relevant legislations that affect the location and operation of the beach.

Management

- ✓ An adequate number of toilet and restroom facilities must be provided at the beach and they must be kept always clean.
- The number of toilets and restrooms available at the beach must reflect the average number of beach visitors during the peak season, the length of the beach and the number and location of major access points.
- Access to the toilet and restroom facilities must be safe and facilities must be regularly maintained,
- Toilet and restroom facilities must be easy to locate with a proper signage and through information on the map on the Green Beach information board.

Management

Category: Management

Criterion

An adequate number of toilet and restroom facilities must be provided at the beach and they must be kept always clean.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Site Evaluation to be made twice a month

Points:

2 points are awarded for each of the following:

- adequate number of toilet and restroom facilities
- toilets are kept always clean
- toilets and restrooms for disabled persons
- toilet and restroom facilities can be easily located with a proper signage
- Use of environmentally friendly cleaning materials like soap and towels.

Management

- ✓ No unauthorised camping or driving and no dumping at the beach.
- Vehicles should not be allowed at the beach with exception the ones that are for safety and cleaning reasons.

Category: Management

Criterion

No unauthorized camping or driving and no dumping at the beach.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Site Evaluation to be made once a month.

Points:

2 points are awarded for each of the following:

- Unauthorized camping is prohibited on the beach
- Driving is prohibited on the beach
- Dumping is prohibited on the beach
- Areas for driving are designated at the beach
- Parking areas and car-free zones are designated at the beach.

Management

- ✓ The beach must have limited noise pollution.
- any music or any other recreational noisy activities should be kept limited in the beach environment,
- music systems in the beach bars and restaurants should not exceed the 55 decibels
- check the relevant legislation for water sports zoning and the speeds levels at the beach zone.



Management

Category: *Management*

Criterion

The beach must have limited noise pollution.

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Side Evaluation to be made once a month in the peak season.

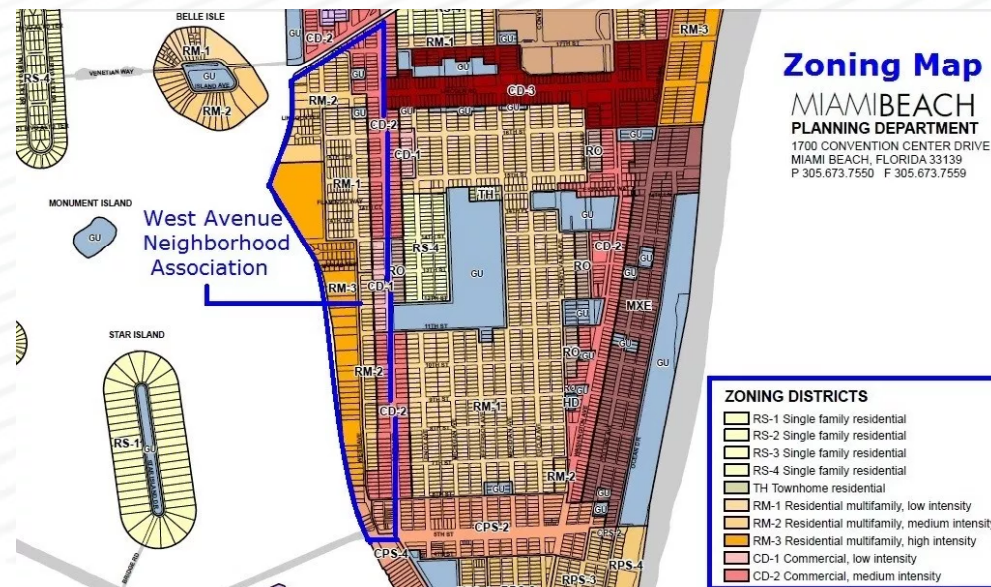
Points:

2 points are awarded for each of the following:

- restrictions to the music systems at the beach bars and restaurants so they do not exceed the 65 decibels.
- restrictions to personal music systems so they do not exceed the 65 decibels.
- restrictions to speed and proximity of water sports
- water sports zoning at the beach
- use of eco-friendly watercrafts.

Management

- ✓ Management of different users and uses of the beach
- Beaches that support multiple activities must have management plans to prevent accidents and conflicts. This must include zoning for swimmers, surfers, wind surfers and motor craft,
- The beach itself must be managed in accordance with an environmental plan that protects sensitive species and habitats at the beach. This



Management

Category: *Management*

Criterion

Management of different users and uses of the beach.

Weighting/ Importance Scoring: 1

Measurement and Monitoring:

Side Evaluation to be made once a year.

Points:

2 points are awarded for each of the following:

- the beach has management plans to prevent accidents and conflicts
- the beach is managed without negatively impacting the natural environment protecting sensitive species and habitats.
- different activities on the beach are clearly marked and zoned (include zoning for swimmers, surfers, wind surfers and motor craft).
- zoning of the different recreational areas in the water.
- zoning of the beach is clearly indicated on the information board of the beach.

Management

- ✓ Community participation and stakeholder involvement in the beach management
- Promotes good relations of residents / stakeholders and is working on a long-term relationship with them,
- Work with other local organizations such as local associations, nature organisations
- Actively involved in a charity or conservation organization
- Distributes sustainable gifts and/or sale items
- Sponsors a social/community organisation or is committed to a social purpose.

Management

Category: Management

Criterion

Community participation and stakeholder involvement in the beach management

Weighting/ Importance Scoring: 1

Measurement and Monitoring:

Site Evaluation to be made once a year.

Points:

10 points: >5 different measures are implemented for encouraging community participation and stakeholder involvement in the beach management.

8 points: 5 different measures are implemented for encouraging community participation and stakeholder involvement in the beach management.

6 points: 4 different measures are implemented for encouraging community participation and stakeholder involvement in the beach management.

4 points: 3 different measures are implemented for encouraging community participation and stakeholder involvement in the beach management.

2 points: 1-2 measures are implemented for encouraging community participation and stakeholder involvement in the beach management.

0 points: no measures are implemented for encouraging community participation and stakeholder involvement in the beach management

Management

- ✓ Access to the beach by dogs and other domestic animals must be strictly controlled: dogs and pets are permitted in the parking areas, on walkways and promenades in the back-beach area only and not on the beach.

Category: Management

Criterion

Access to the beach by dogs and other domestic animals must be strictly controlled.

Weighting/ Importance Scoring: 1

Measurement and Monitoring:

Site Evaluation to be made once a year.

Points:

10 points: the beach has measures for controlling the access of dogs and other domestic animals, has a dog free zone and measures to prevent access of stray animals at the beach.

7 points: the beach has measures for controlling the access of dogs and other domestic animals, has a dog free zone but no measures to prevent access of stray animals at the beach.

3 points: the beach has measures for controlling the access of dogs and other domestic animals, does not have a dog free zone and no measures to prevent access of stray animals at the beach.

0 points: the beach has no measures for controlling the access of dogs and other domestic animals, has not a dog free zone and no measures to prevent access of stray animals at the beach.

Information and Education

- ✓ Information about the Green Beach Programme and a map and information board indicating the different facilities and, services provided on the beach must be displayed.
- Information about the Green Beach Programme must be displayed on the Green Beach as well as the correct Green Beach logo must be used in any information boards.
- The information should be posted at other locations, e.g. at major access points, lifeguard stations, other beach facilities, or in parking areas.
- A beach map showing the boundaries of the Green Beach area and the location of key facilities and services must be posted on the information board

Information and Education

Category: *Information and Education*

Criterion

Information about the Green Beach Programme and a map and information board indicating the different facilities and, services provided on the beach must be displayed

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Side Evaluation to be made once a year.

Points:

2 points are given for each of the following:

- Green Beach logo must be used in any information boards at the beach
- Green Beach Flag at the beach
- small description of what is a Green Beach and what is the Green Beach model
- information board at the beach with a map showing the boundaries of the Green Beach area and the location of key facilities

- information of the Green beach Programme posted at other locations, e.g. at major access points, lifeguard stations, other beach facilities, or in parking areas.

Information and Education

- ✓ Information about bathing water quality must be displayed at the beach.
- It is the responsibility of the local authority to ensure that the beach operator/beach management posts the information no later than one month after the sampling date.

Beach: _____
 Contact person: _____

Local authority: _____
 Telephone no: _____

Date												
Escherichiacoli / Faecal coliform												
☺ < 250cfu/100ml												
☹ >250cfu/100 ml												
Intestinal Enterococci / Faecal streptococci												
☺ <100/100 ml												
☹ >100/100 ml												

Information and Education

Category: *Information and Education*

Criterion

Information about bathing water quality must be displayed at the beach

Weighting/ Importance Scoring: 2

Measurement and Monitoring:

Side Evaluation to be made once a month.

Points:

10 points: water quality information is displayed at the beach and they are updated no later than one month after the sampling date.

5 points: water quality information is displayed at the beach but they are not updated on a basis of one month after the sampling date.

0 points: no water quality information is displayed at the beach

Information and Education

- ✓ The beach is carrying a feedback survey on the satisfaction of the beach users on the level of services and the general performance of the green beach.

Category: Information and Education

Criterion

Satisfaction: The beach is carrying a feedback survey on the satisfaction of the beach users on the level of services and the general performance of the green beach

Weighting/ Importance Scoring: 3

Measurement and Monitoring:

A survey to be conducted once during the high peak season.

Points:

10 points: A survey is conducted once during the peak season

5 points: A survey is conducted once during the year.

0 points: no survey is conducted

Steps to Implement the Green Beach Model

- audit to see the status of the beach and to prioritize which activities needs to be done in order the beach to become a Green Beach,
- Prepare an action plan and timeline for the coming months detailing the activities you intend to implement, the relevant budget and who will be responsible and which stakeholders you need to involve in the “greening” process of the beach.
- Keep a track of the implemented activities and to fill in every month the audit sheet and keep a record of any supporting images.

Steps to Implement the Green Beach Model

Scoring:

- Total Score = 850 points
- at least 550 points to be Green Beach
- Gold Green Beach: 850 - >800 points
- Silver Green Beach: 800 - >700 points
- Bronze Green Beach: 700 - >600 points

[audit GBM.xlsx](#)

[Greening Cyprus Beaches.mp4](#)