

The Green Beach Model in Cyprus

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What is a Green Beach?

It is an eco-beach or a sustainably managed recreational beach, planned and built following sustainable criteria, able to include leisure and economic activities and, at the same time, preserve natural and cultural heritage.

The Green Beach Model helps local authorities and beach operator's to make better-informed decisions about managing beaches using a consistent approach.



Why do we need “Green” Beaches?

✓ Environmental benefits:

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



Why do we need “Green” Beaches?

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✓ Economic Engine:

- 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 Beach Model



Green Beach Model

28 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

Category	Green Beach Criterion	Weighting/Importance	Available Points	Total Score (Weighting x Points)
Bathing Water Quality	Water quality sampling and frequency requirements.	5	10	50
	Standards and requirements for water quality analysis for parameter Escherichia coli	5	10	50
	Standards and requirements for water quality analysis for parameter Intestinal Enterococci	5	10	50
	No industrial, waste-water or sewage-related discharges should affect the beach area.	5	10	50
Beach Area Quality	No cigarette butts at the beach	5	10	50
	No general man-made waste and sewage related debris on beach	5	10	50
Safety	Beach Safety with a lifeguard and equipment	3	10	30
	Safety measures to protect users of the beach	1	10	10
Accessibility	Access provided for the physically disabled people in the water and at the beach	4	10	40
	Facilities provided for the physically disabled people in the water and at the beach	3	10	30
Green Facilities and Eco-furnishing	Sun loungers must be sustainably and/or aesthetically sensitive to the natural environment	2	10	20
	Beach umbrellas must be must be sustainably sources and/or aesthetically sensitive to the natural environment.	2	10	20
	Toilets should be housed with sustainable material, must be in adequate number for the beach users and have sewage disposal and water saving devices	4	10	40
	Shower facilities must have water saving devices and solar thermal panes to heat shower water and tanks to collect and recycle waste water.	4	10	40

Sustainability	Waste disposal bins must be available at the beach in adequate numbers and they must be regularly maintained	4	10	40
	Beaches must respect and support the identity and conformation of the sites, especially in protected areas the protecting endemic and/or indigenous plants to attract high levels of native biodiversity	4	10	40
	Promotion of local food and drinks.	2	10	20
	Sustainable transportation: sustainable means of transportation should be promoted in the beach area	4	10	40
Management	The beach must comply with all regulations affecting the location and operation of the beach.	2	10	20
	An adequate number of toilet and restroom facilities must be provided at the beach and they must be kept always clean.	2	10	20
	No unauthorized camping or driving and no dumping at the beach.	2	10	20
	The beach must have limited noise pollution	2	10	20
	Management of different users and uses of the beach	1	10	10
	Community participation and stakeholder involvement in the beach management	1	10	10
Information and Education	Access to the beach by dogs and other domestic animals must be strictly controlled.	1	10	10
	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	2	10	20
	Information about bathing water quality must be displayed at the beach	2	10	20
	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	3	10	30

Green Beach Model



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.

Score of the Green Beach Model

- Total Score = 850 points \Rightarrow 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



Green Beaches in Cyprus

Choice of Beaches

64 Blue Flag
Beachs in 19
Municipalities



Green Beaches in Cyprus

Alaminos Beach

- No Blue Flag Beach
- First Audit: 336 points

Main Problems

- No sampling site for checking water quality
- No lifeguard and measures to protect the beach users
- No facilities for disable/ older people
- Beach furnishing was not from eco-materials.
- Limited sustainability measures
- No adequate management of the beach
- No information provided at all at the beach

Green Beaches in Cyprus

Alaminos Beach



Green Beaches in Cyprus

Actions

- Assign sampling site (according to regulations)
- Apply for blue flag
- Assign a person to check the beach area quality (cigarette buds/ waste)
- Apply to District office for a lifeguard
- Apply to CTO for funding a lifeguard tower
- Preparation of information about safety at the beach
- Funding from CTO and MITOMED+ for buying facilities for disabled/ older people.
- MITOMED+ funding for buying eco-furnishing (sunbeds, umbrellas, showers with saving devices),
- MITOMED+ funding for buying adequate number of bins and bins for separation of materials (recycling)
- MITOMED+ helping to set up measure for protecting the ecosystem

Green Beaches in Cyprus

Actions

- In the tender for food vendor for this year a condition will be put for promoting the local food.
- MITOMED+ helping promoting sustainable means of transportation (bike racks, information board)
- MITOMED+ help to make a management plan for the beach
- Information board of the beach and satisfaction survey and train employees on how to do it.

2nd Audit: 726 points







16/02/





Green Beaches in Cyprus

Zygi Beach

- No beach at all
- First Audit: 0 points

Main Problems

- No beach plan approved by the district office
- No sampling site for checking water quality

Actions

- Community council prepare and submitted the beach plan to district offices and clean the site for making the beach.
- Assign sampling site (according to regulations)
- Apply for blue flag
- Assign a person to check the beach area quality (cigarette buds/ waste)
- Apply to District office for a lifeguard equipment
- Preparation of information about safety at the beach

Green Beaches in Cyprus

Actions

- Funding from CTO and MITOMED+ for buying facilities for disable/ older people.
- MITOMED+ funding for buying eco-furnishing (sunbeds, umbrellas, showers, toilets with saving devises),
- MITOMED+ funding for buying adequate number of bins and bins for separation of materials (recycling)
- Plant the beach area with endemic plants
- MITOMED+ helping to set up measure for protecting the ecosystem
- MITOMED+ helping promoting sustainable means of transportation (bike racks, information board)
- MITOMED+ help to make a management plan for the beach
- Information board of the beach and satisfaction survey and train employees on how to do it.







**ΤΟ ΚΟΙΝΟΤΙΚΟ ΣΥΜΒΟΥΛΙΟ ΖΥΓΙΟΥ
ΠΑΡΕΧΕΙ ΔΩΡΕΑΝ
ΟΜΠΡΕΛΕΣ ΚΑΙ ΞΑΠΛΩΣΤΡΕΣ
ΣΤΟΥΣ ΛΟΥΟΜΕΝΟΥΣ**

**THE COMMUNITY COUNCIL OF ZYGI
GIVES FREE OF CHARGE
UMBRELLAS AND SUNBEDS
TO SWIMMERS**





16/02/17







2nd audit: 627
points



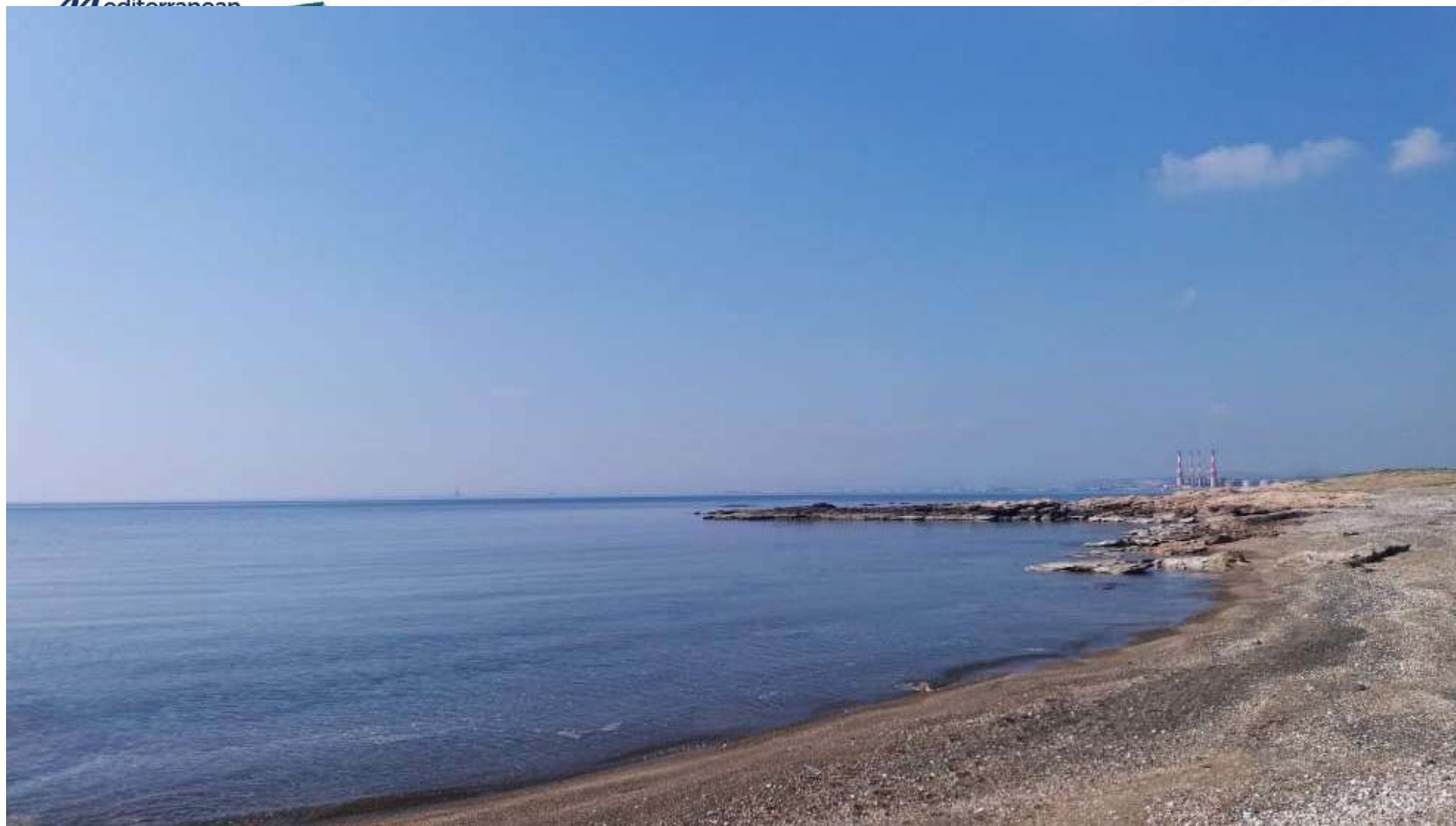
Green Beaches in Cyprus

Ormidia Beach

- No Blue Flag Beach
- First Audit: 303 points

Main Problems

- Previous license of the beach had expired and needed a new license and a new beach plan.
- No sampling site for checking water quality
- No facilities for disable/ older people
- No beach furnishing
- Limited sustainability measures
- No adequate management of the beach
- No information provided at all at the beach
- No parking site



Green Beaches in Cyprus

Actions

- Assign sampling site (according to regulations)
- Apply for blue flag
- Assign a person to check the beach area quality (cigarette buds/ waste)
- Preparation of information about safety at the beach
- Funding from CTO and MITOMED+ for buying facilities for disabled/ older people.
- MITOMED+ funding for buying eco-furnishing (sunbeds, umbrellas, showers with saving devices),
- MITOMED+ funding for buying adequate number of bins and bins for separation of materials (recycling)
- MITOMED+ helping to set up measure for protecting the ecosystem
- In the tender for food vendor for this year a condition will be put for promoting the local food.

Green Beaches in Cyprus

Actions

- MITOMED+ helping promoting sustainable means of transportation (bike racks, information board)
- MITOMED+ help to make a management plan for the beach
- Information board of the beach and satisfaction survey and train employees on how to do it.

2nd Audit: 620 points





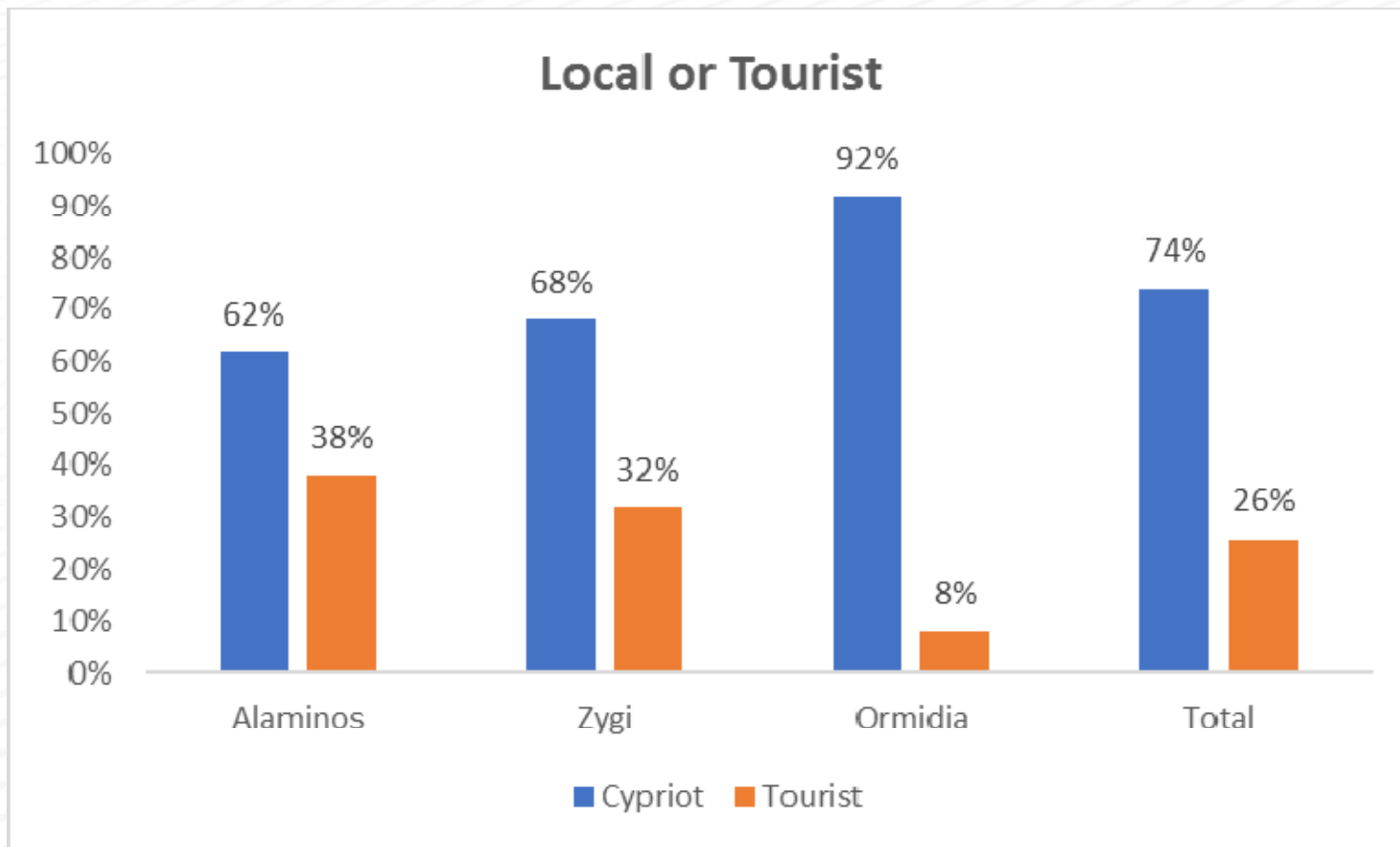




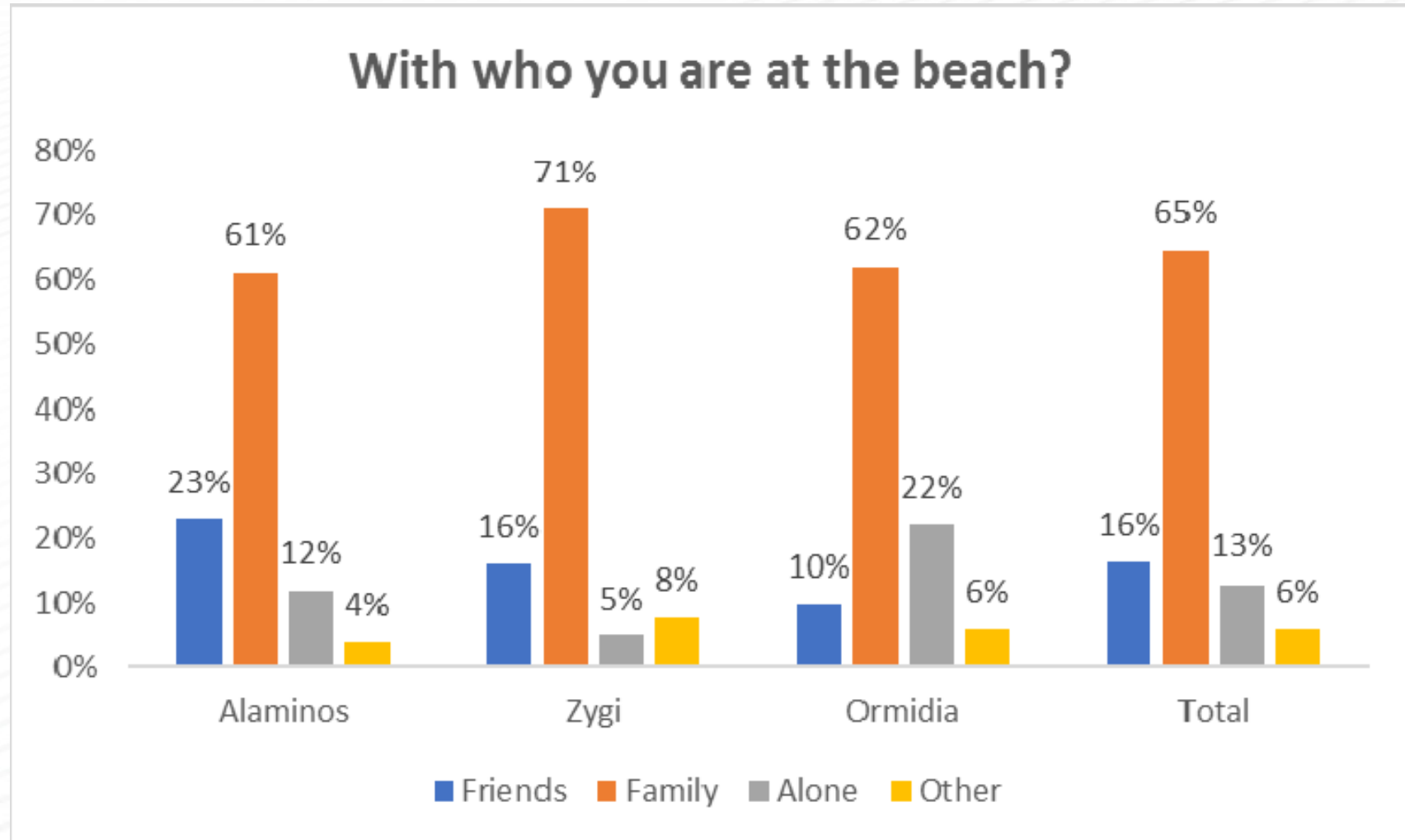
Satisfaction Survey of the Green Beaches

- 18 questions for the satisfaction of the beach users concerning the level of services and the general performance of the beach.

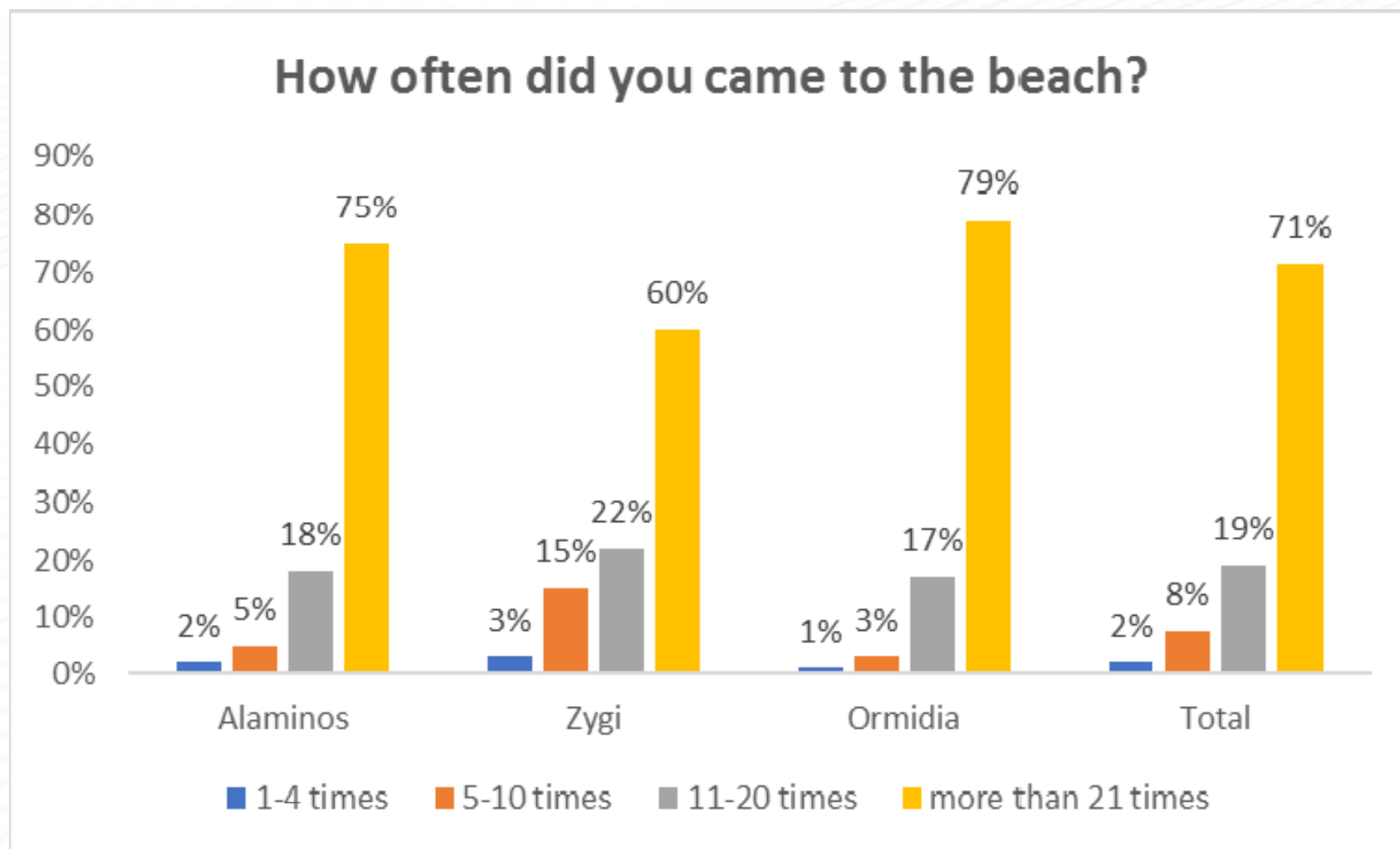
Results



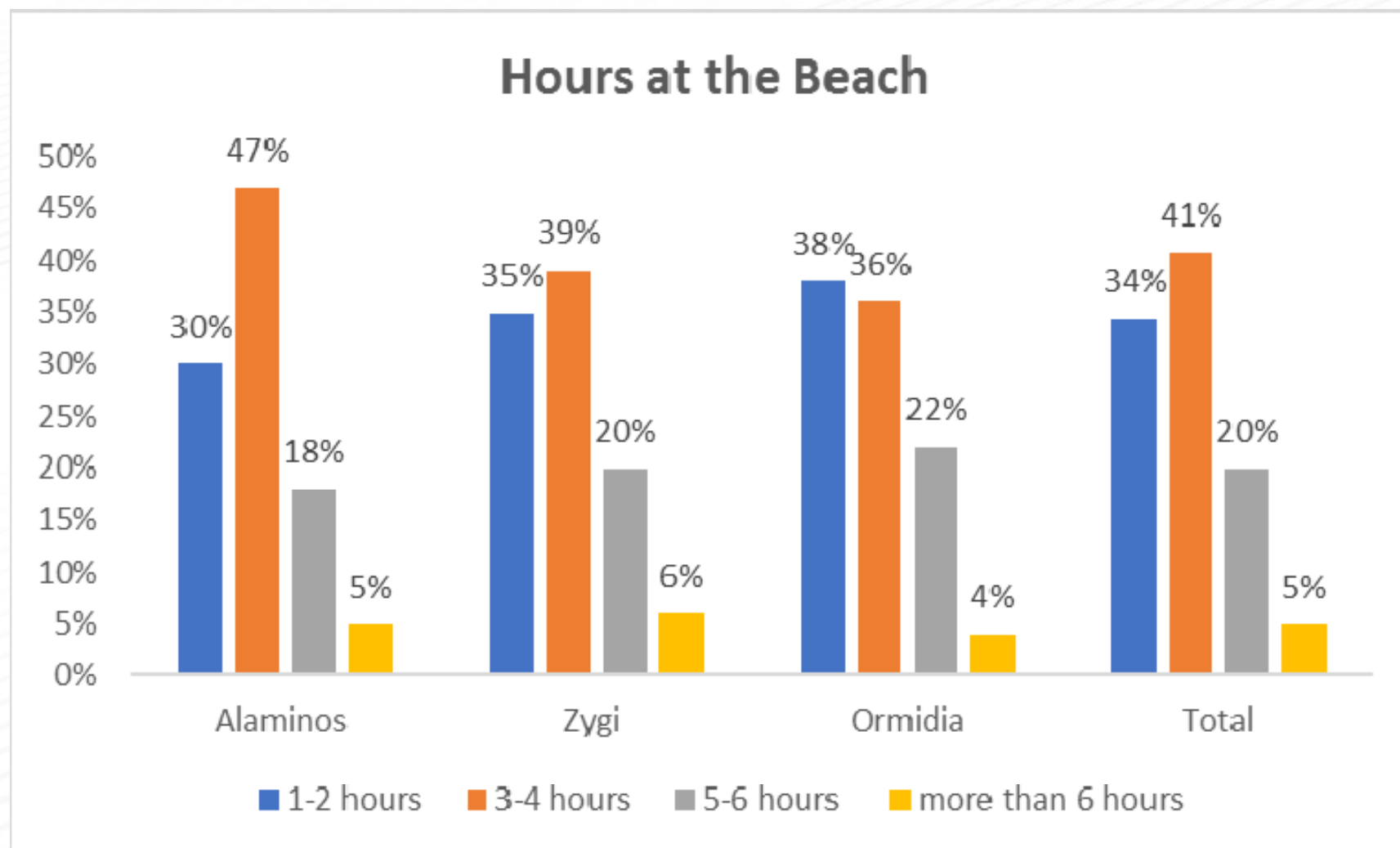
Satisfaction Survey of the Green Beaches



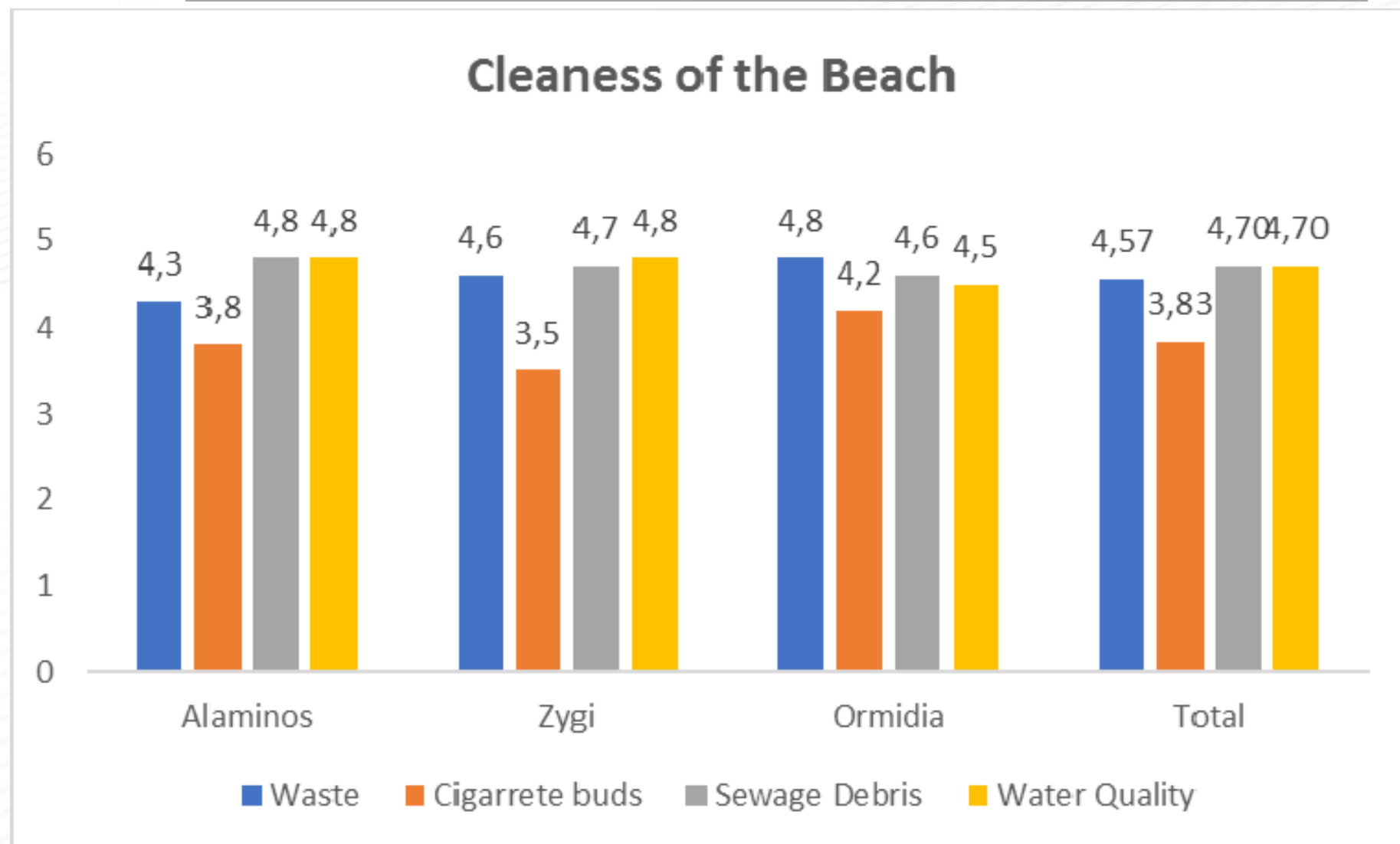
Satisfaction Survey of the Green Beaches



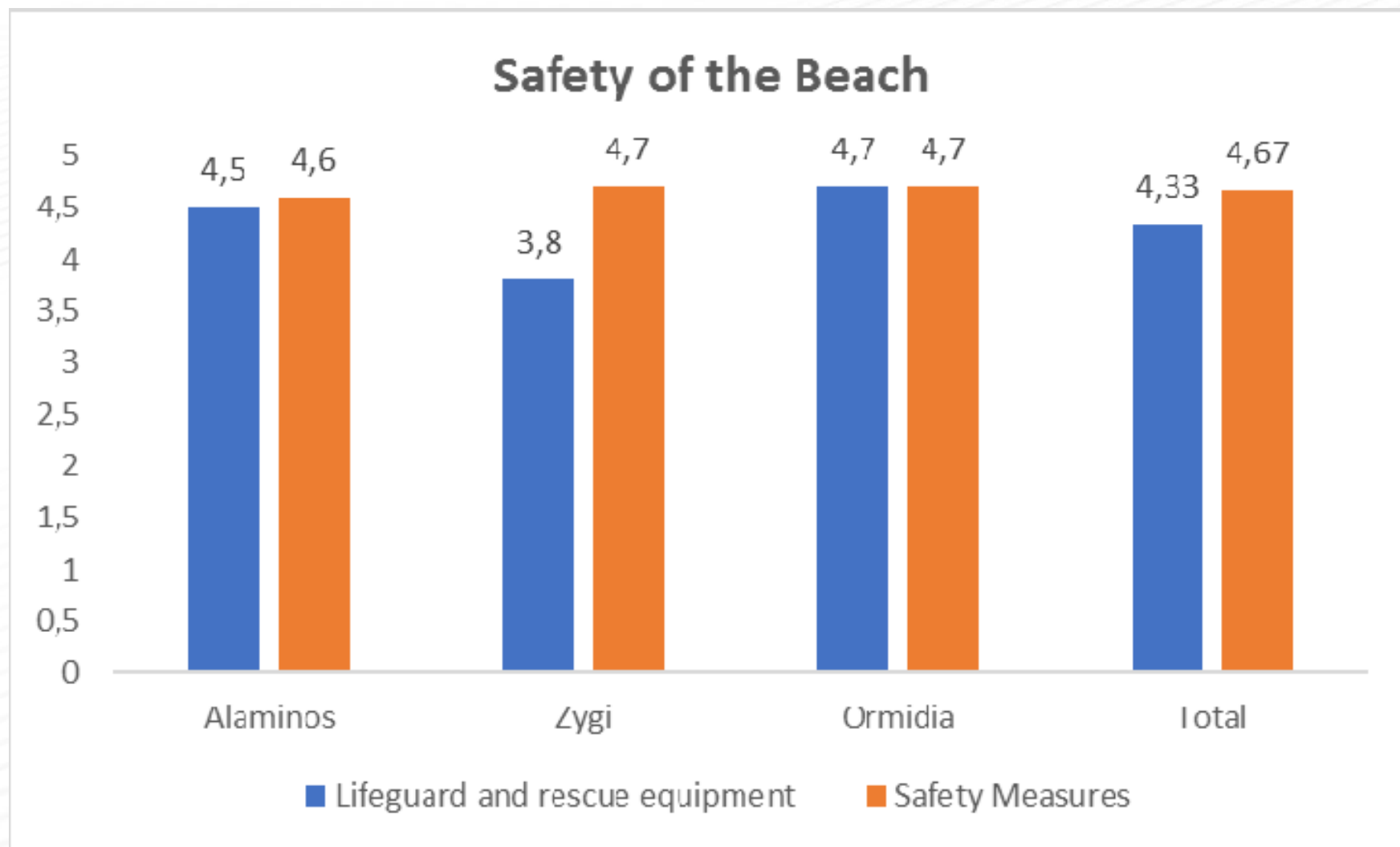
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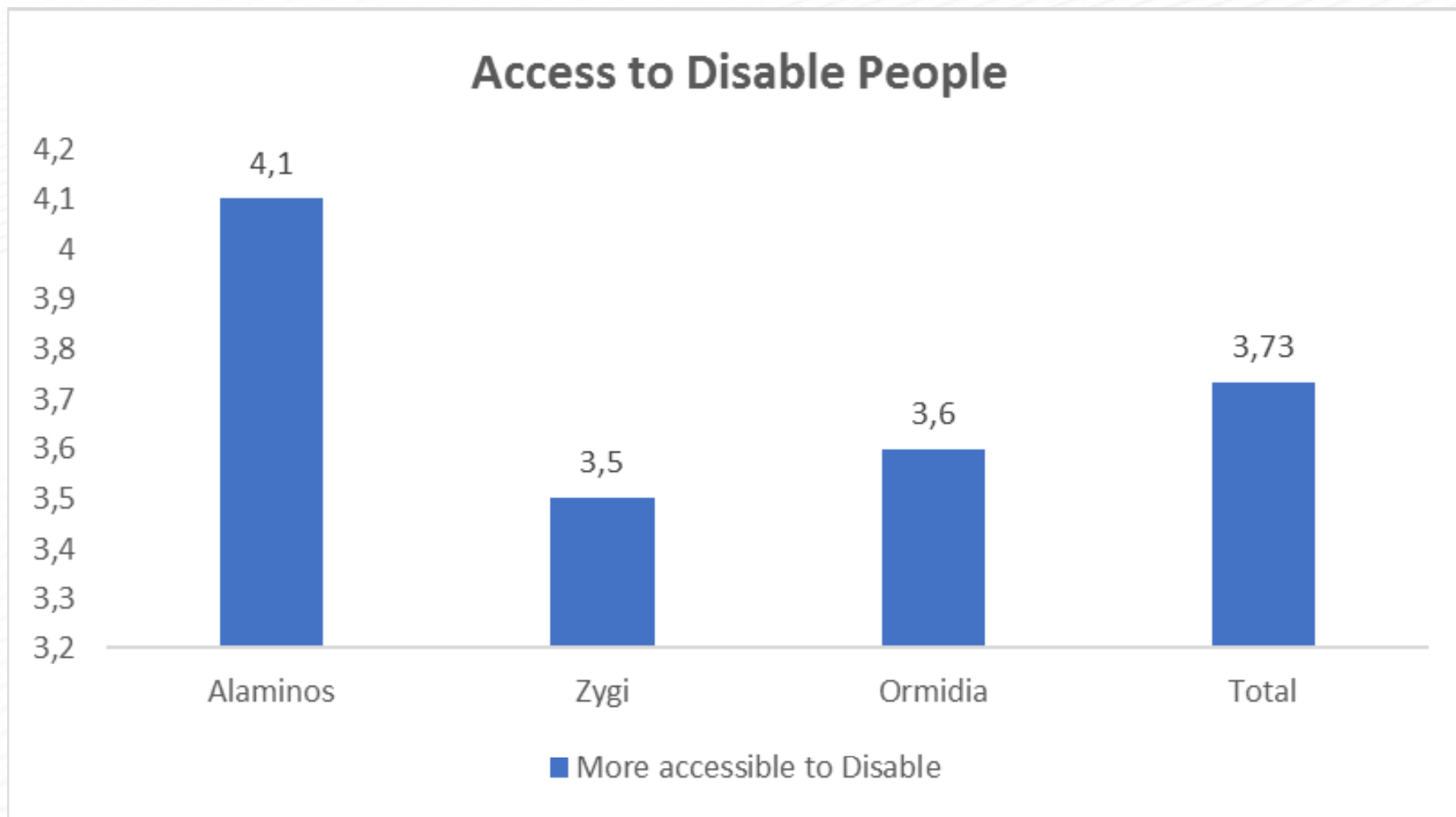
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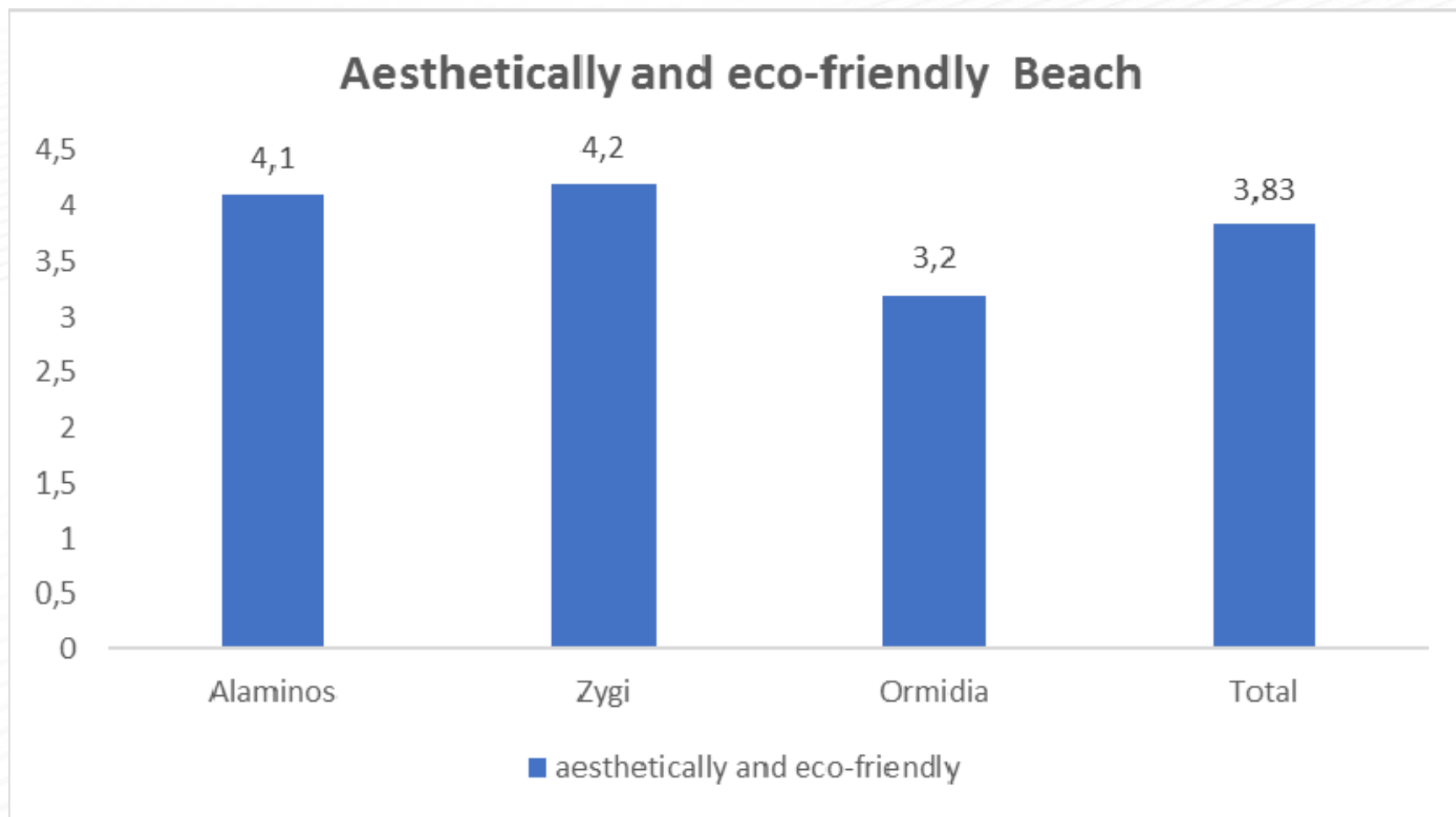
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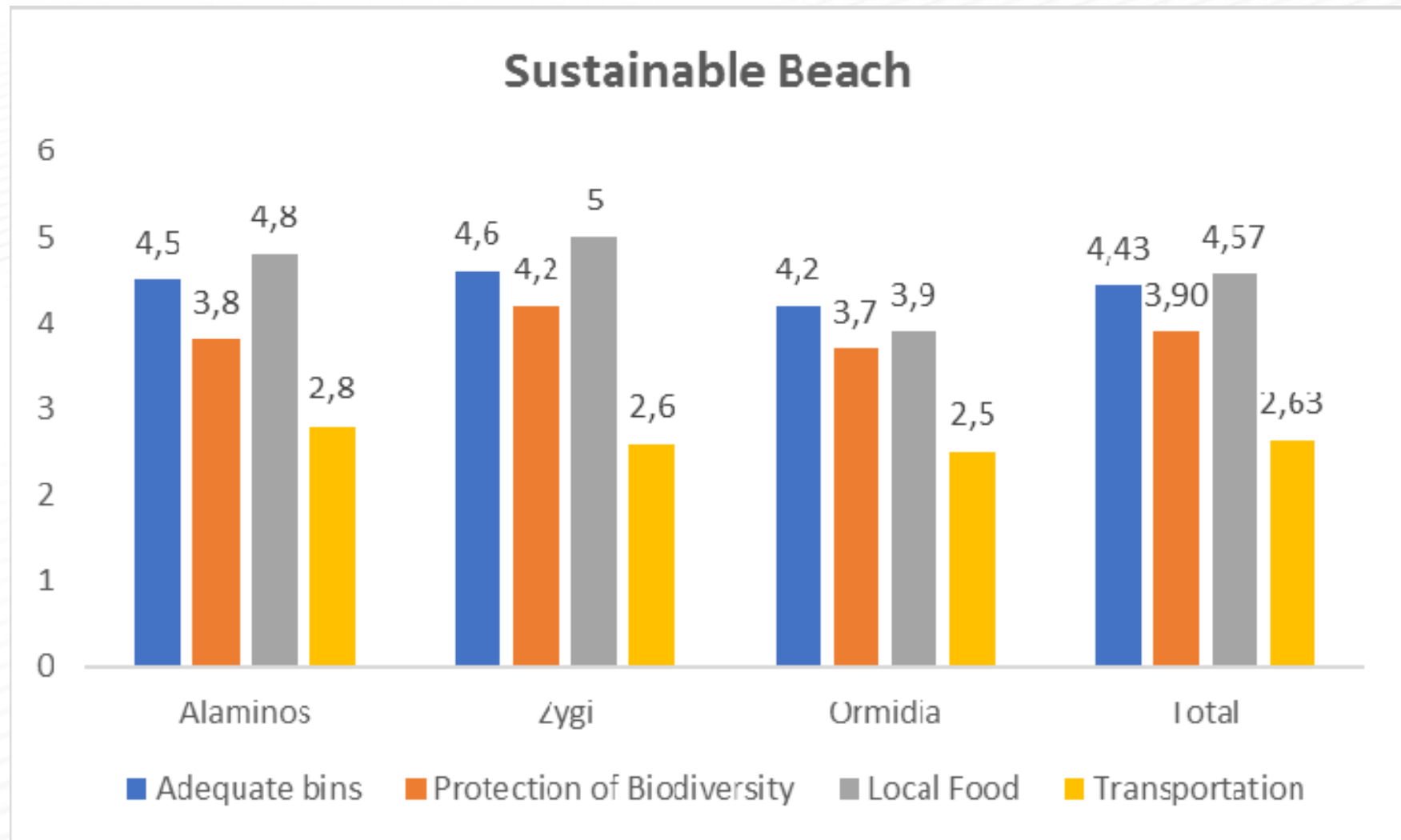
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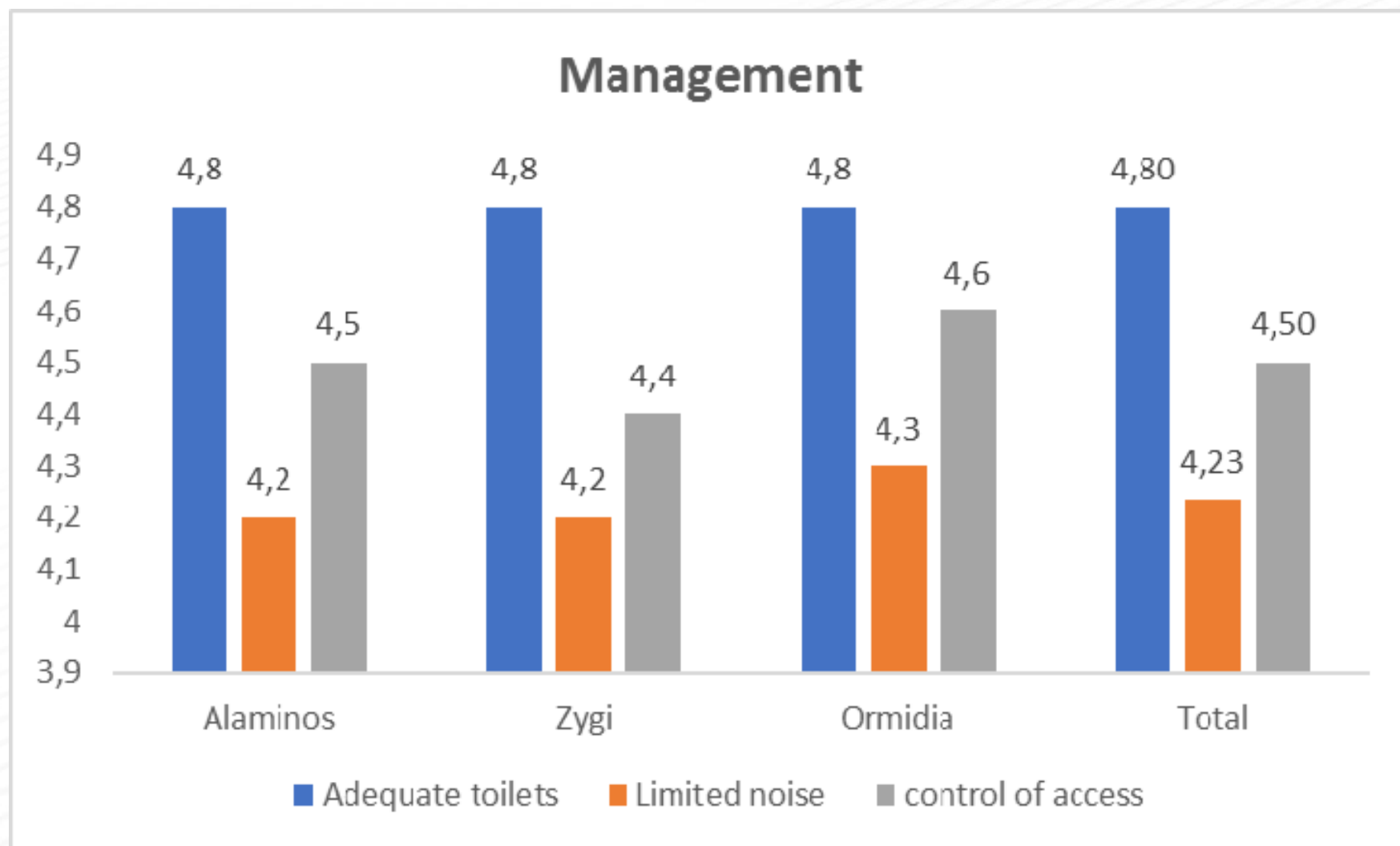
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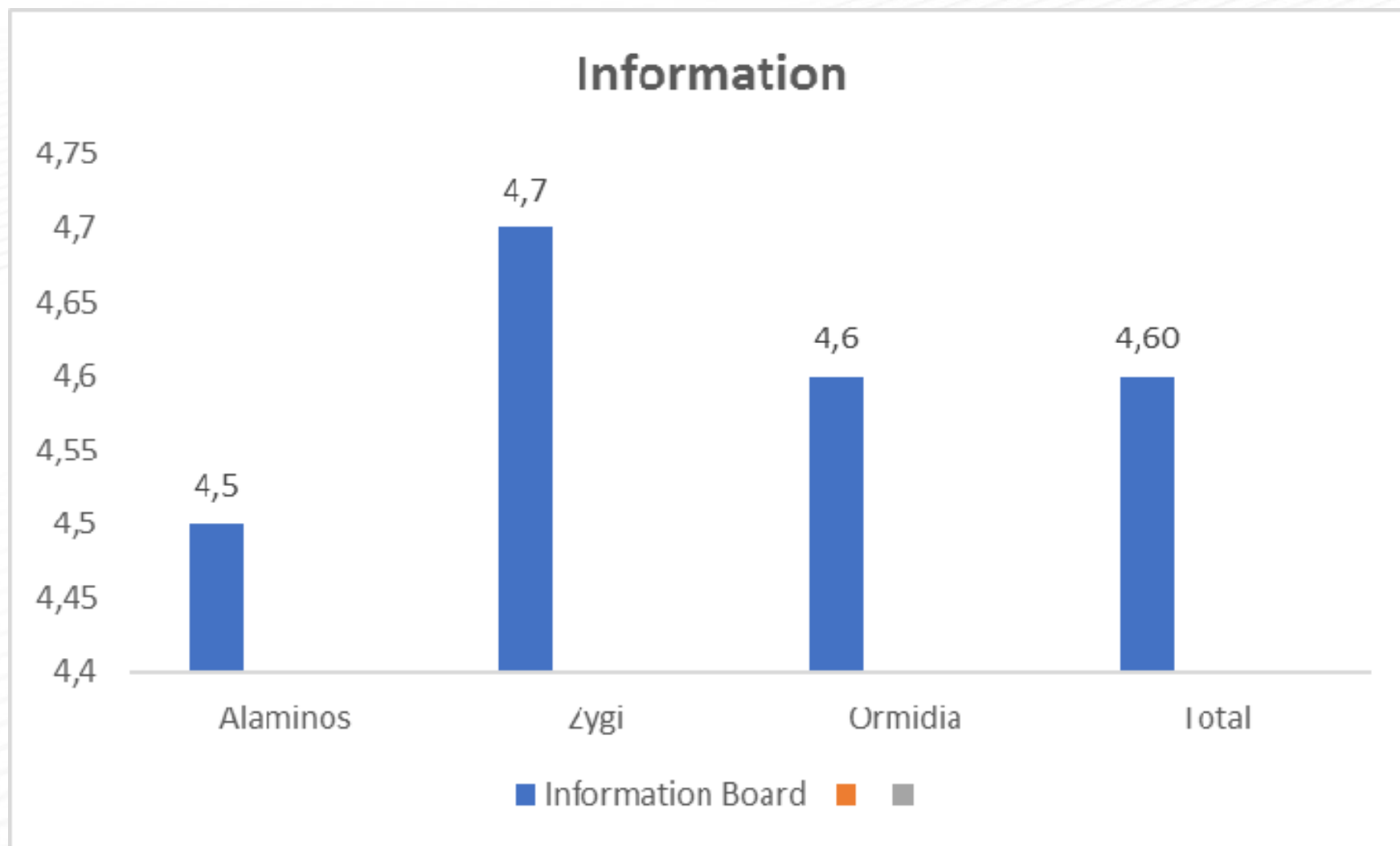
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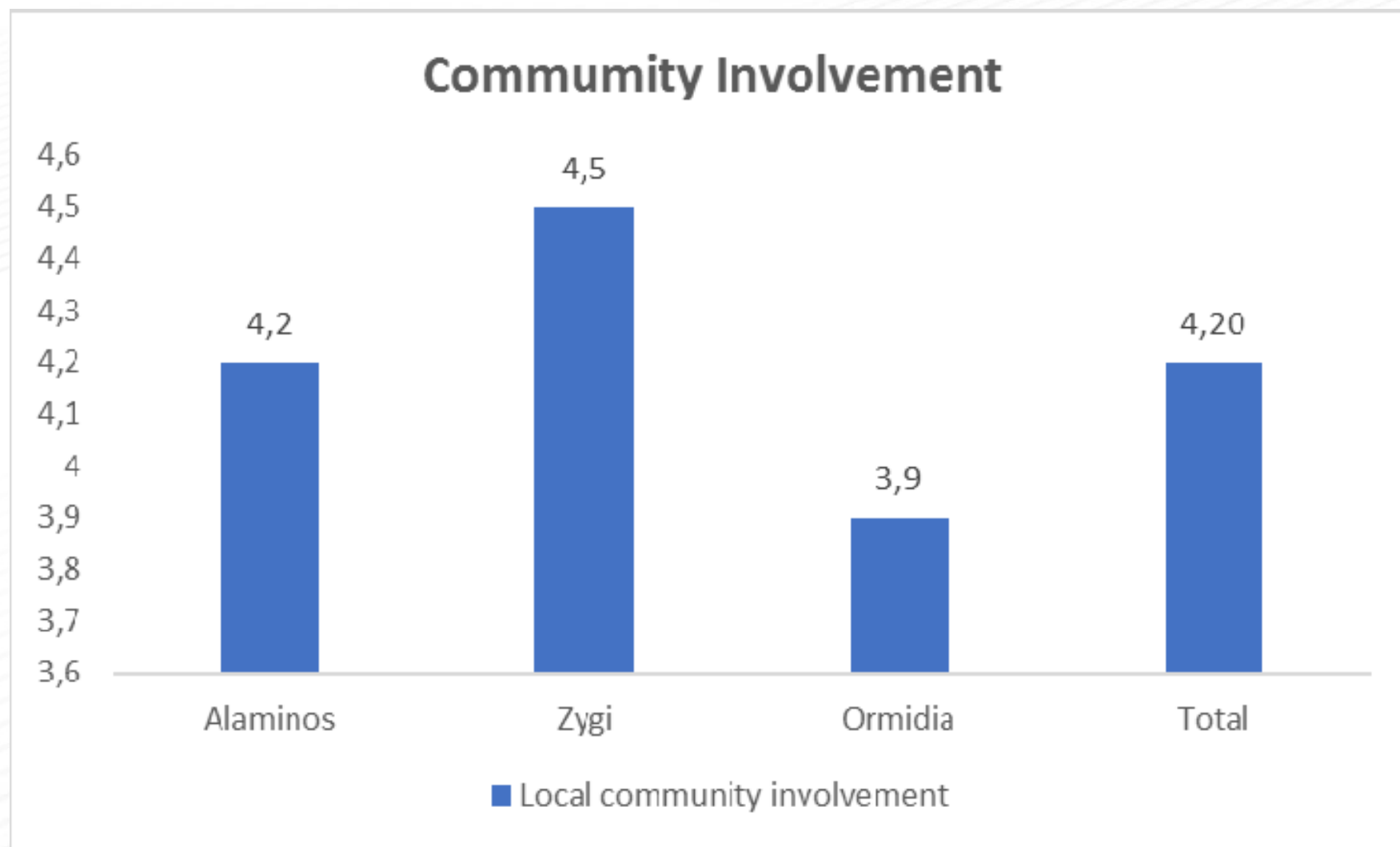
Satisfaction Survey of the Green Beaches



Satisfaction Survey of the Green Beaches



Satisfaction Survey of the Green Beaches



Interreg



Project co-financed by the European
Regional Development Fund



Enjoy our Green Beaches

**THANK YOU FOR YOUR
ATTENTION!!!**