

Prosfero Campaign

"<u>Prosfero</u>" campaign is funded by Procter & Gamble and AB Vasilopoulos and implemented by iSea with the aim to achieve cleaner beaches and coasts. The 12th wave of "Prosfero" campaign includes 20 underwater and beach clean-up actions carried out during September - October 2021 in different regions of Dodecanese islands.

The coordination and organization of the actions began in June 2021 and the implementation of the actions took place in September - October 2021.

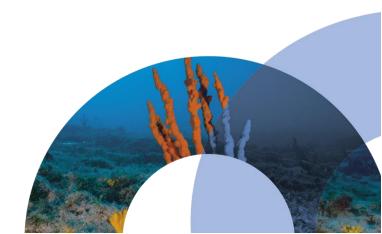
All clean-ups were coordinated by representatives of iSea. The representatives were responsible for the coordination of the participant divers, the localization, and the volunteers that were helping at the retrieval of marine litter. Another iSea representative was responsible for the coordination of the volunteers, who were supporting the retrieval of the removed marine litter to the coast and their recording to survey forms.

The present interim report refers to the activities already conducted in the context of the 12th wave of "Prosfero".

Project Coordinators:

Nikos Doumpas, Evangelos Papadimitriou, Ioanna Tzioga

Environmental Organization for the preservation of Aquatic Ecosystems, iSea



Underwater cleanups

During the period of September - October 2021, 15 underwater clean-ups were implemented in the context of the 12th wave of Prosfero Campaign. In particular, 3 underwater clean-ups were implemented on Leros, 3 on Kalymnos, 4 on Kos, 4 on Rhodes and 2 on Symi islands (Table 1).

Underwater clean-up details:

1st Activity (A1): Ksilokampos port, Leros

2nd Activity (A2): Marina Lerou, Leros

3rd Activity (A3): Panteli, Leros

4th Activity (A4): Vlihadia, Kalymnos

5th Activity (A5): Murties, Kalymnos

6th Activity (A6): Vathy, Kalymnos

7th Activity (A7): Kos Port, Kos

8th Activity (A8): Kefalos, Kos

9th Activity (A9): Kardamaina, Kos

10th Activity (A10): Faliraki, Rhodes

11th Activity (A11): Kolona, Rhodes

12th Activity (A12): Mandraki, Rhodes

13th Activity (A13): Stegna, Rhodes

14th Activity (A14): Harani, Symi

15th Activity (A15): Simi port, Symi



Table 1. Supplementary data of "Prosfero 12" underwater clean ups conducted during September - October 2021.

Activity code	<u>Date</u>	Volunteers	Divers (including iSea divers)	Litter collected (kg)
A1	18-09-21	6	2	475
A2	19-09-21	2	2	55
A3	19-09-21	4	2	510
A4	20-09-21	4	5	185
A5	21-09-21	4	2	1400
A6	21-09-21	4	2	410
A7	22-09-21	8	2	4100
A8	23-09-21	8	2	1610
А9	23-09-21	4	2	1200
A10	25-09-21	10	2	1798
A11	26-09-21	12	2	1726
A12	27-09-21	10	2	2010
A13	28-09-21	4	2	521
A14	30-09-21	13	2	2327
A15	01-10-21	5	2	1754
<u>Total</u>		61	30	20.081

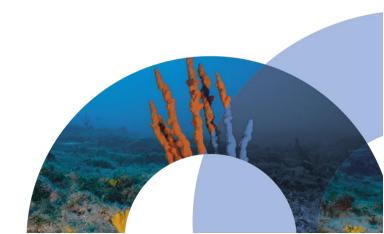




Figure 1. Some aspects of the underwater clean ups conducted in Dodecanese islands.

Beach cleanups

During the same period of September - October, 5 beach clean-ups took place in the context of the 12th wave of Prosfero Campaign. In particular, 1 beach clean-up were implemented on Leros, 1 on Kos and 3 on Rhodes islands (Table 2).

Beach clean-up details:

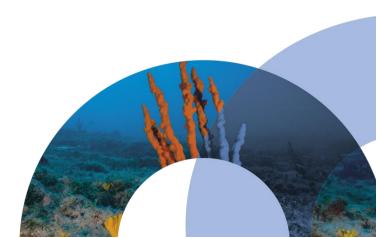
16th Activity (A16): Germanou, Leros

17th Activity (A17): Kochylari, Kos

18th Activity (A18): Traounou, Rhodes

19th Activity (A19): Afandou, Rhodes

20th Activity (A20): Stegna, Rhodes



Activity code	Date	Volunteers	Litter collected (kg)
A16	18-09-21	7	212
A17	24-09-21	10	702
A18	26-09-21	11	220
A19	27-09-21	53	70
A20	28-09-21	39	40
Total		120	1244

Table 2. Supplementary data of "Prosfero 12" beach clean ups conducted during September - October 2021.



Figure 2. Some aspects of the beach clean ups conducted Dodecanese islands.

Total Litter data:

The total number of the recorded litter types is 7, according to the protocol established and used by the participating organizations in the Cooperative Network for the Marine Environment (Plastic, Rubber, Fabric, Metal, Paper, Processed Wood and Glass items).

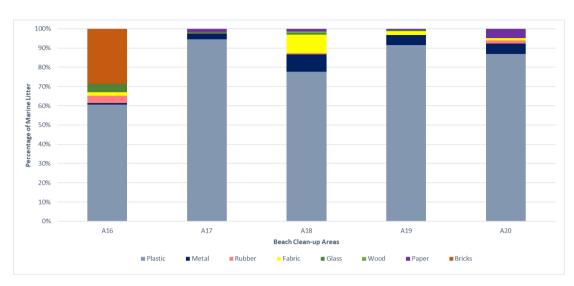


Figure 3. Collected litter per beach clean up, expressed as a percentage (%).

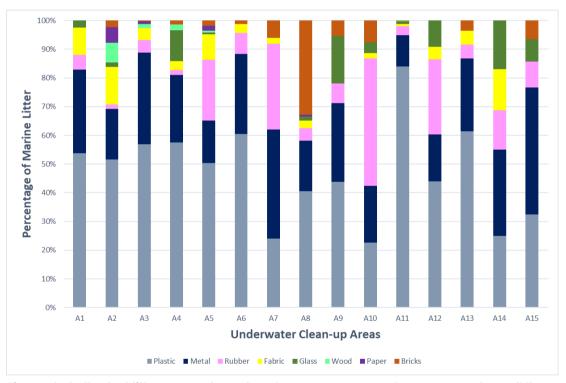


Figure 4. Collected litter per underwater clean up, expressed as a percentage (%).

The most common litter type in the majority of the actions is plastic with a rate greater than 70%.

On **Leros** island (A1-A2-A3), most of the items were plastics (54%) and metal (30%), possibly because the examined areas attract a great number of tourists. In addition, 61% of the total litter collected during the beach clean-ups (A16) were also plastic.





Figure 5. Some aspects of the beach and underwater clean ups conducted on Leros island.

A great percentage of plastic also appeared on **Kalymnos** Island during the underwater clean-ups (A4-A5-A6), overcoming 56% of the total litter. Moreover, a great number of vehicle tires and fishing nets were found.





Figure 6. Some aspects of the underwater and beach clean ups conducted on Kalymnos island.



The underwater and beach clean-ups in **Kos** (A7-A8-A9-A17), revealed more litter items mostly related to tourist activities. More specifically, amongst the most abundant items were bottles, vehicle tires, bicycles, beverage and beer cans and SUP cups.





Figure 7. Some aspects of the underwater and beach clean ups conducted on Kos island.

During the underwater clean-up on **Rhodes** Island (A10-11-A12-A13-A18-A19-A20), most of the items belonged to plastic (67%) and metal (11,8%) type. In particular, the significant number of plastic bottles, SUPs cups, fishing lines, ropes, vehicle tires and fishing traps recorded in the survey area could be attributed to the touristic sector businesses and fishing activities.





Figure 7. Some aspects of the underwater and beach clean ups conducted on Rhodes island.

On **Symi** Island, in both underwater clean-ups (A14-A15), the most abundant items belonged to metals and plastics. In the underwater clean-up, metals reached a percentage equal to 37% and plastics reached 29%. On the seafloor, two inboard marine engines, building materials, beverages bottles, vehicle tires, and bicycles were also present.





Figure 8. Some aspects of the beach and underwater clean up conducted on Symi island.

In general, the highest amount of litter during all the beach and underwater clean-ups were plastic items of all sizes. The only exceptions to all 20 clean-ups were in the ports of Symi island where the biggest percentage was metal, because the place where the 1st clean up was implemented, was a dry dock where the owners of boats used to repair and maintenance them.

Based on the total data resulted from **underwater clean-ups**, fishing nets were recorded and collected from Rhodes in Kolona port (A11) and from Leros in Panteli port (A3), while plastic bottles from Kos in Kefalos port (A8) and from Rhodes in Kolona (A5). Furthermore, building materials were collected from Leros Marina (A2) and from Symi in Harani (A14), fishing lines from Leros in Panteli port (A3), from Kalymnos in Murties port (A5) and from Rhodes in Mandraki port (A12).

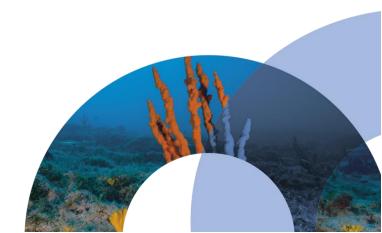


In addition, vehicle tires were collected from Leros in Panteli port (A3), from Kalymnos in Murties port (A5), from Kos in Kos port and Kardamena port (A9) and from Symi ports (A14-A15), and pipes from Kos in Kefalos port (A8), from Rhodes in Kolona and Stegna ports (A11-A13) and bricks from Kos in Kefalos port (A8).

Based on the total data resulted from the **beach clean-ups**, a great number of plastic pieces (>2.5 cm) were collected from the majority of the beaches, while they appeared to be most abundant in Germanou beach, Leros (A16), Kochylari beach, Kos (A17) and Afandou beach and Stegna beach, Rhodes (A19). Moreover, strings and cords were found in Germanou, Leros (A16), Traounou beach, Rhodes (A18). Straws and stirrers in Kochylari beach, Kos (A17) and Traounou, Rhodes (A18).

Finally, in Afandou beach, Rhodes (A19) and Stegna beach (A20) cigarette butts and filters were found. Extremely interesting is the fact that during the beach clean-ups, many beaches were impaired by microplastics.

Taking into consideration the number of litter items per m2, regarding the number of litter items found in the aforementioned areas of the underwater clean-ups, the areas considered to be the most severely impaired were in descending order A7, A14, A12, A10, A15 while the cleanest areas were A2 and A4. Regarding the beach clean-ups, the areas considered to be the most severely impaired were in descending order A17, A18, A16 while the cleanest areas were A19 and A20.



The ten most common litter items during the 16 underwater and beach cleanups are shown in the Figures 10 and 11.

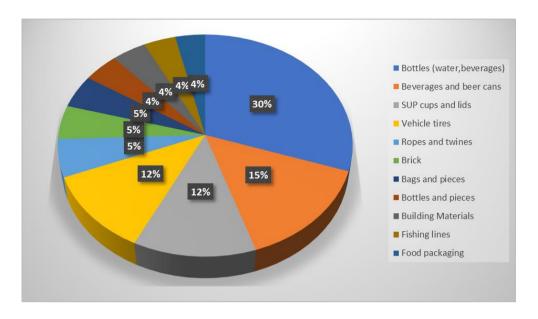


Figure 10. Ten most common underwater collected items, expressed as a percentage (%).

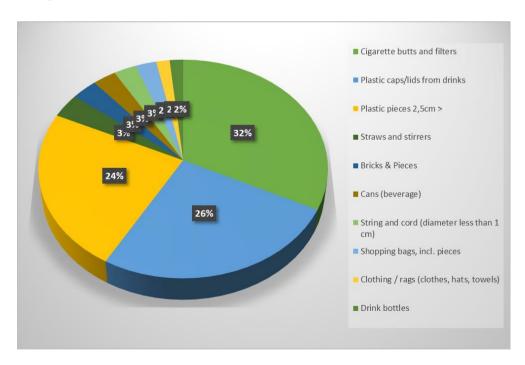


Figure 11. Ten most common beach collected items, expressed as a percentage (%).



ups, the highest number of them were plastic bottles (water, beverages). Most of them were removed from fishing ports and areas of small-scale fishing and recreational activities; for the same reason, the second most abundant items found were beverages bottles, beer cans, followed by SUP cups and lids, vehicle tires, ropes and twines.

In the context of the 5 beach clean-ups, the total amount of litter removed were cigarette butts and filters, plastic caps/lids from drinks, plastic pieces bigger than 2,5 cm, fishing nets and a large buoy. All the beaches where cleaning activities were carried out are accessible to the public throughout the year and had either tourist businesses in the area or were burdened by marine litter that washes away during the winter season.

On each clean-up, a protocol was followed according to Marine Strategic Framework Directive (MSFD) recommendations in order to record litter data collected from the seafloor to a survey form.

General details:

In the context of 16 underwater cleanups already implemented in the context of "Prosfero" Campaign a total number of 61 different volunteers contributed to the activities and the removal of marine litter from the seafloor, mainly helping the divers to lift the litter to the port dock. The volunteers included iSea members and local representatives from touristic businesses and volunteer teams from civil protection groups and local associations.

In total, **2** divers from the diving team of iSea participated in the underwater clean-ups, while **3 more divers** participated in the action A4 in Kalymnos.

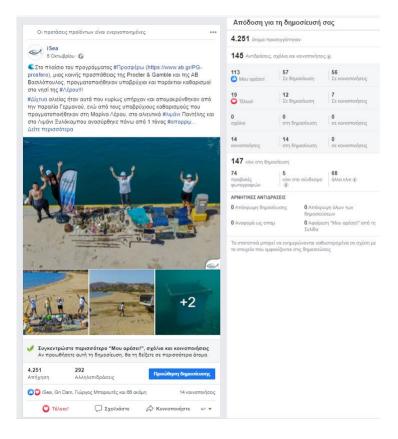
A total amount of about **20.081 kg of litter were collected** from the seafloor of the ports of Dodecanese islands. Among the items removed from the seafloor extraordinary things were included such as 2 radios, 3 inboard marine engines, 9 bikes, 1 motorbike, 1 camera and many more.

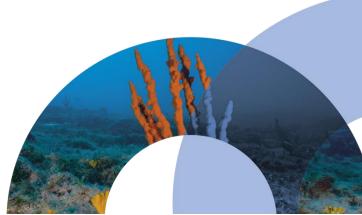
In the context of 5 beach clean-ups, a total number of **120 different volunteers** contributed to the activities and the removal of litter from beaches, picking up the litter manually from the ground. The volunteers included iSea members and local representatives from touristic businesses, schools and volunteer teams from civil protection groups and associations. A total amount of about **1244 kg of litter were collected** from the beaches of 5 islands in Dodecanese islands.

Communication plan:

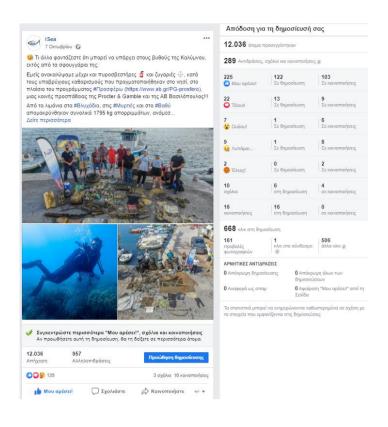
The posts so far in our social media accounts are displayed below:

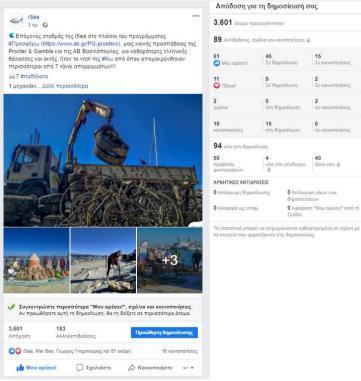
Facebook





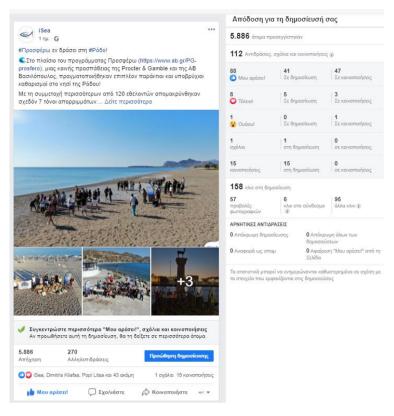


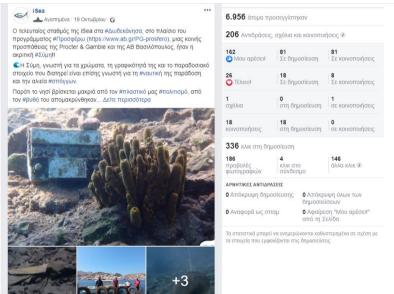


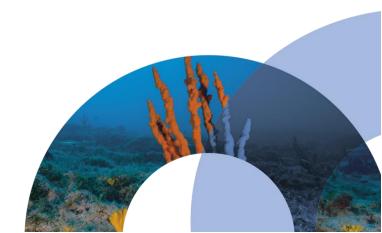




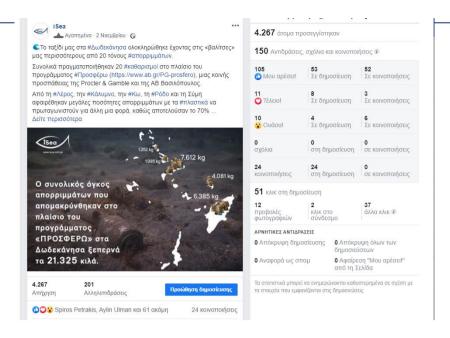










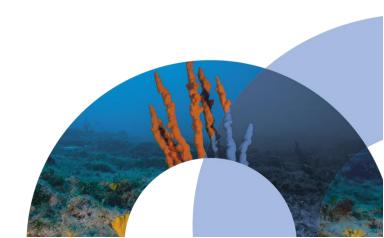


Instagram



Απόδοση δημοσίευσης



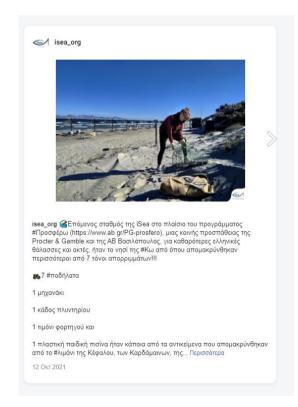






Αλληλεπιδράσεις Ενέργειες από αυτή τη δημοσίευση Επισκέψεις στο προφίλ Ανακάλυψη 485 Λογαριασμοί που προσεγγίστηκαν Το 11% των χρηστών δεν σας ακολουθούσαν Πόσοι ακολουθούν

Απόδοση δημοσίευσης



Απόδοση δημοσίευσης

Απήχηση

Εμφανίσεις

Από προφίλ Aπό hashtag

Από άλλη πηγή

Από την αρχική σελίδα

Αλληλεπιδράσεις

Ενέργειες από αυτή τη δημοσίευση

Επισκέψεις στο προφίλ

485

596

24

9

38

Ανακάλυψη

884

Λογαριασμοί που προσεγγίστηκαν Το 9% των χρηστών δεν σας ακολουθούσαν

Πόσοι ακολουθούν	2
Απήχηση	884
Εμφανίσεις	1.041
Από την αρχική σελίδα	943
Aπó hashtag	11
Από προφίλ	4
Από άλλη πηγή	83





isea_org



isea_org #Προσφέρω εν δράσει στη #Ρόδο!

€ Στο πλαίσιο του προγράμματος Προσφέρω (https://www.ab.gr/PG-prosfero), μιας κοινής προσπάθειας της Procter & Gamble και της ΑΒ Βασιλόπουλος, πραγματοποιήθηκαν επιπλέον παράκποι και υποβρύχιοι καθαρισμοί στο νησί της Pόδου!

Με τη συμμετοχή περισσότερων από 120 εθελοντών απομακρύνθηκαν σχεδόν 7

Ποιος θα φανταζόταν όμως ότι ανάμεσα στα #λάστιχα οχημάτων, τα #πλαστικά μιας χρήσης και τα εγκαταλελειμμένα #αλιευτικά εργαλεία θα βρισκόταν και 1 ο... Περισσότερα

Απόδοση δημοσίευσης

♡ 61 ♀ 0 ⊳ 0 📮 1

Αλληλεπιδράσεις

Ενέργειες από αυτή τη δημοσίευση

Επισκέψεις στο προφίλ

Ανακάλυψη

417

Λογαριασμοί που προσεγγίστηκαν Το 5% των χρηστών δεν σας ακολουθούσαν

Πόσοι ακολουθούν	
Απήχηση	417
Εμφανίσεις	494
Από την αρχική σελίδα	468
Aπó hashtag	11
Από προφίλ	4
Από άλλη πηγή	11



isea_org #Προσφέρω εν δράσει στη #Ρόδο!

€Στο πλαίσιο του προγράμματος Προσφέρω (https://www.ab.gr/PG-prosfero), μιας κοινής προσπάθειας της Procter & Gamble και της ΑΒ Βασιλόπουλος, πραγματοποιήθηκαν επιπλέον παράκτιοι και υποβρύχιοι καθαρισμοί στο νησί της Pόδου!

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Απόδοση δημοσίευσης











Αλληλεπιδράσεις

Ενέργειες από αυτή τη δημοσίευση

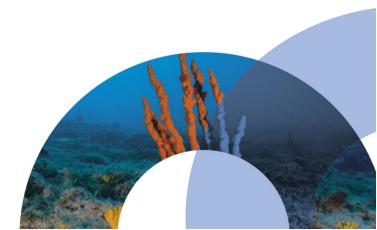
Επισκέψεις στο προφίλ

Ανακάλυψη

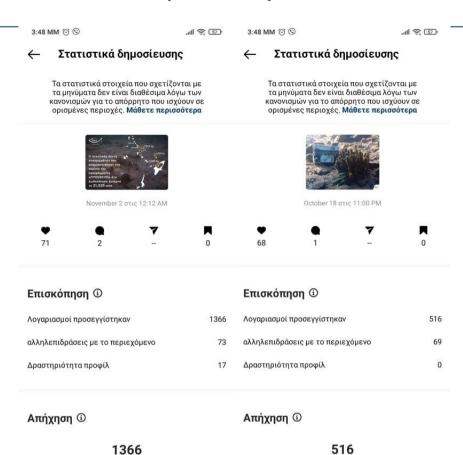
417

Λογαριασμοί που προσεγγίστηκαν Το 5% των χρηστών δεν σας ακολουθούσαν

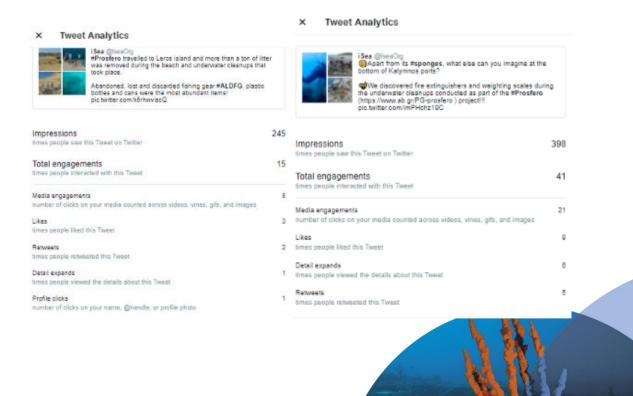
Πόσοι ακολουθούν	
Απήχηση	417
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Από την αρχική σελίδα	468
Aπó hashtag	11
Από προφίλ	4
Από άλλη πηγή	11







Twitter





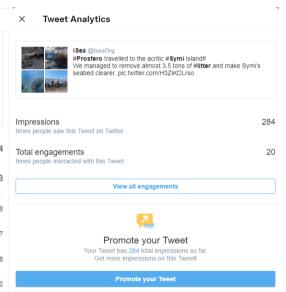
× Tweet Analytics

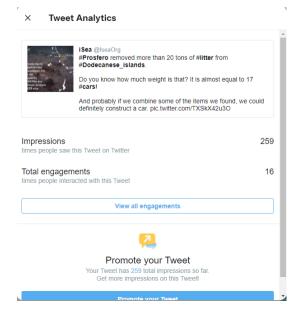














In addition, a **press release** was created and shared to local and national news containing the total results of the Prosfero project until now. The impact of the press release is shown below:

Μέσο	Σύνδεσμος
KALYMNOS NEWS	<u>Link1</u>
SKY RODOS	<u>Link2</u>
LerosReport.gr	<u>Link3</u>
Kostoday.com	<u>Link4</u>
Η ΡΟΔΙΑΚΗ	<u>Link5</u>
ΔΗΜΟΣ ΣΥΜΗΣ	<u>Link6</u>

Furthermore, the following articles were published before and during the Prosfero campaign in Dodecanese islands:

Μέσο	Σύνδεσμος
ERT NEWS	<u>Link1</u>
δημοκρατική	Link2
Η ΡΟΔΙΑΚΗ	<u>Link3</u>
Verena	<u>Link4</u>
Galaxy 92	<u>Link5</u>
Kostoday.com	<u>Link6</u>
KALYMNOS NEWS	<u>Link7</u>
εδώζεις	<u>Link8</u>
KOS TV	<u>Link9</u>
ΤΟ ΒΗΜΑ ΤΗΣ ΚΩ	Link10
eklogika.gr	<u>Link11</u>
Aegeanews.gr	Link12
Nisospress.com	Link13
Η ΡΟΔΙΑΚΗ	Link14
msn	<u>Link15</u>
OTAVOICE	Link16



+30 231 309 0696



info@isea.com.gr www.isea.com.gr



Kritis 12 | 54645 Thessaloniki | Greece

