✓ Domicile residents: about 20,019 people
✓ Domicile residents + tourists + weekend houses keepers = 145,000 people a day
✓ Out of 30,000 structures: 10,000 in permanent use; 20,000 periodically used
✓ The surface area of Krk is 410 km² and 200 km of coast
1960
✓ WATER SUPPLY
✓ WASTEWATER DRAINAGE
✓ WASTE MANAGEMENT

1986
✓ WATER SUPPLY
✓ WASTEWATER DRAINAGE
✓ WASTE MANAGEMENT
✓ ENERGY

2014
✓ WATER SUPPLY
✓ WASTEWATER DRAINAGE
✓ WASTE MANAGEMENT
✓ ENERGY

MUNICIPAL SERVICES COMPANIES

16 employees
106 employees
83 employees

ponikve.krk
USLUGA
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EKO OTOK KRK
ponikve.krk
VODA
MUNICIPALITIES OWNERSHIP

THE CITY OF KRK 23%
MALINSKA-DUBAŠNICA 18%
VRBNIK 6%
OMIŠALJ 16%
DOBRI NJ 12%
PUNAT 11%
BAŠKA 14%
THE ISLAND OF KRK:

100% SELF-SUFFICIENT IN ENERGY

0% WASTE

100% SUSTAINABLE
0% WASTE
Year 2003: completed the study

“Ecologically founded waste disposal system on the island of Krk”

prof.dr.sc. Stanko Uršić
prof. dr.sc. Slaven Dobrović
izv. prof. Tomislav Lerotić
TRESKAVAC do 2006.
BAČENO SKUPO PLAĆENO

od 15. lipnja 2005.
NEĆEMO TAKO!!!
NEĆEMO
SVE STAVLJATI U JEDNU POSUDU!
TAKO OD OTPADA NASTAJU SMEĆE
I NERJEŠIVI PROBLEMI:
NIŠTA SE NE MOŽE ISKORISTITI!

izvrsitak krk
Disposal spots in the streets:

Groups of 5 refuse containers (from 120 l to 1100 l) are placed on the 1400 disposal spots around the island of Krk. They are placed on the same disposal spots of the former refuse containers.
Recycling spots:

...dangerous waste, EE waste, worn tyres, worn furniture, fabrics, wood, different types of metal waste...
ECO ISLAND KRK SYSTEM:

- WASTE
  - BIOPROCESSING
  - MECHANICAL PROCESSING
  - DISPOSAL
BIO WASTE PRETREATMENT

Composting line
Composting:

At Treskavac site we compost:

- Biodegradable kitchen and canteen waste,
- Green waste from gardens and parks,
- Grape marc and
- Olive pomace
### Composting:

#### Annual amounts in 2023:

<table>
<thead>
<tr>
<th>Type of biodegradable waste</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>biodegradable waste from kitchens and canteens</td>
<td>5.529 t</td>
</tr>
<tr>
<td>green waste from gardens and parks</td>
<td>1.195 t</td>
</tr>
<tr>
<td>grape marc</td>
<td>372 t</td>
</tr>
<tr>
<td>olive pomace</td>
<td>1.210 t</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>8.306 t</strong></td>
</tr>
</tbody>
</table>
Distribution of compost:

- **80 L sacks:**
  Free compost distribution campaign (over 7000 bags per year)

- **Jumbo sacks 1,2 m³:**
  300,00 kn =1m³ delivery included

- **Bulk buy:**
  250,00 kn =1m³
Until 2020 - zerowaste:

- Transfer station is constructed.
- In 2020 landfill Treskavac is closed.
- All unsorted waste we transporte from the island to the mainland.

THE ISLAND OF KRK- ZERO WASTE ISLAND
RESULTS IN 2022:

20,000 - 23,000 t/year
DOOR TO DOOR until 2014:
Door to door system:

HOUSEHOLDS:

Phase 1: 2014 – 2016

- All households covered with 2 bins
- Brown bin for biowaste 23 L
- Green bin for the rest 35 L
Door to door system:

HOUSEHOLDS

Phase 2: until 2020

- All households must receive:
- another Yellow bin for plastic and metal 120 L
- Blue bin for paper and cardboard 120 L
- Grey bin for glass 120 L
Door to door system:

residential building
Door to door system:

Green islands
Door to door system:

RENTAL APARTMENTS:
Door to door system:

- Boards with instructions for waste sorting have been placed in campsites and hotels.
- At the reception desks, the guests are given brochures containing waste sorting information in 8 languages.
Door to door system:

ECO PATROL

✓ Eco patrol is on the spot every day. They help the users with advice and information on door to door waste disposal system.
Education - Motivation!?:

✓ Permanent education
✓ Collaboration with the nursery centres and schools
✓ Permanent turning to the users
✓ Rewarding (schools, nursery centres, town inhabitants)
✓ Cost-free distribution of compost – annually, more than 7000 sacks
✓ Collaboration with the local associations
✓ Eco-actions
Permanent education:

In kindergartens:
Permanent education:

In schools:
Permanent education:

Turists education:
Thank you!

Dean Kosić
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Krk, 29 June 2023