



## Scorecards

# Circular solutions in the tourism sector

In this document you can find fifteen scorecards of touristic entrepreneurs who implemented circular solutions. The scorecards shows their challenge and solution, and explains the 9R-strategy used. It also shows how the implementation is measured and the results of implementing the solution(s).

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## Scorecard B&B de Arend, Tearoom Cornet de la Mer

Nieuwpoort, BE

### ? Challenge

Investing in sustainable luxury: more service and experience offer, with less or no CO<sup>2</sup> emissions as a result.

### ✂️ Circular solution

Installation of 26 solar panels with 3 batteries (15kW) and a hydrogen power plant that simultaneously generates electricity & heat. In addition, they work with local products & bottle drinking water.

### 🔄 Theme



Water



Energy



Waste



Building



Joint Purchase



Packaging

### 🎯 9R-strategy

linear  
economy

circular  
economy



### 🌱 KPI

Plastic bottles used, cost from purchasing bottled mineral water, solar power generated, and GRID electricity used.

### ✅ Results

Reduction of 100% of plastic water bottles and a monthly decrease of €37 monthly on the purchase of water bottles. Increases of solar power of 4.41 MWh. Monthly decrease in GRID electricity of 68%.



## Scorecard Vakantiepark Grevelingenpolder

Brouwershaven, NL

### ? Challenge

What can we do about the excess or shortage of water? How can we get reduce the rapidly growing amount of waste, and how can we reduce the usage of chemical products?

### ✂️ Circular solution

There are four types of solutions, namely reducing packaging, looking at residual flows and surpluses, limiting environmentally harmful substances, and guests raising awareness of sustainability.

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### 🌱 KPI

Number of guests informed on how to separate waste and how it is valorised. Tonnes of green waste collected and composted.

### ✅ Results

In one year, 500 guests were informed through the toolkit and 12 tonnes of green waste was collected and composted.





## Scorecard De Brass

Goes, NL

### ? Challenge

How can we change into a company where residual flows are valuable again? How can we work locally to shorter chains and use sustainable energy?

### ✂️ Circular solution

We work with four types of solutions; avoid using raw materials, invest in local and renewable energy, awareness of team, and guests and the separation of raw materials.

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### 🌱 KPI

Waste management costs, and costs from packaging.

### ✅ Results

The changes in packaging and use of organic waste didn't result in a change in costs for the business.



## Scorecard Gemeentebestuur de Haan

De Haan, BE

### ? Challenge

How can the municipality of De Haan guide entrepreneurs on the beach toward sustainable waste management?

### ✂️ Circular solution

Pressure pipeline through which entrepreneurs can collect and discharge their waste water and connect it to the sewage system. An explanation was also given about the use of underground containers for industrial waste.

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### 🌱 KPI

Beach operators connected to the wastewater pipeline, clean-up activities organised, people participating in activities, beach interpretation panels, businesses displaying campaign posters, and campaign press releases.

### ✅ Results

100% of local beach operators join the pipeline and 10 operators use the pipeline safely. Six clean-up sessions were organised with 160 participants. The communication campaign created.



## Scorecard Strandpaviljoen de Haven van Renesse

Renesse, NL

### ? Challenge

How can we reduce our residual waste and certain products by offering them to a (local) party that processes the raw materials processed circularly?

### ✂️ Circular solution

Coffee grounds and orange peel are separated and collected to be processed circularly by a chain partner. Swill (food scraps) is converted into green gas with a biodigester. Possibilities with shellfish waste are further investigated.

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### 🌱 KPI

Re-purpose of orange peels, coffee grounds, and food waste. Gas energy costs.

### ✅ Results

The orange peels (8 tonnes), coffee grounds (3.000 kg), and food waste (7.000 kg) are 100 % re-purposed. The gas energy reduction is 60% (€ 3.000) yearly.



Scorecard

# Hoeve Hotel Hof Christina

Vrouwenpolder, NL

## ? Challenge

How can we reduce our plastic flow and inspire our guests as well to contribute to the beautiful environment at home and on holiday?

## ✂️ Circular solution

Three solutions are being considered, namely plastic-free purchasing, digitalisation of business operations and, guest awareness on sustainable initiatives.

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linear economy

circular economy



## 🌱 KPI

Plastic packaging bags generated (100 Litre).

## ✅ Results

A decrease from 87 to 52 plastic bags. This is a 40% reduction in plastic bags generated from business operations.



Scorecard  
**Holiday Suites**  
 België

**? Challenge**

Create awareness among staff and visitors about less consumption of water and electricity through targeted actions and communication.

**✂️ Circular solution**

Staff training, rebranding the customer journey, digitising the holiday experience, developing digital flyers, and communicating existing sustainable initiatives to the visitor via the website.

**🔄 Theme**



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linear economy

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**🌱 KPI**

Webpage visitors and flyers distributed to guests.

**✅ Results**

The webpage has reached 166 visitors in one year and more than 20.000 flyers were produced for guests.





## Scorecard Hotel Brasserie Katoen

Goes, NL

### ? Challenge

How can we reduce and stimulate sustainable quality improvements in the city center of Goes?

### ✂️ Circular solution

Four solutions are considered, namely smart purchasing, reuse of buildings, availability of shared bicycles for guests of Goes, and the optimal using the roofs in the city center.

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### 🌱 KPI

Plastic water bottles purchased and cost from purchasing water bottles.

### ✅ Results

The reusable glass water bottles led to a 100% decrease in plastic water bottles. This is a monthly reduction of 70 bottles at a cost of € 70,-.



## Scorecard Onilio

Vlissingen en Hoofdplaat, NL

### ? Challenge

How can we make sustainability an integral part of our company in a way that includes sustainability in all our business processes?

### ✂️ Circular solution

The sustainable score per location is measured, and sustainable actions were taken by the Green Team.

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### 🌱 KPI

Employees participating in green team, meetings organised about theme, communication towards employees, replacement of water saving taps and showers, residual waste reduction, and placement of eco-friendly extinguishers.

### ✅ Results

25% of the employees are participating in the green team and 100% of the employees are aware of the sustainability goals. The residual waste is reduced by 30%.



## Scorecard Ons Buiten

Oostkapelle, NL

### ? Challenge

How can we make our company contribute to the environment, in the broadest sense of the word, and without a negative footprint?

### ✂️ Circular solution

There are four types of solutions, namely reducing packaging, looking at residual flows and surpluses, limiting environmentally harmful substances and guests raising awareness of sustainability.

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### 🌱 KPI

Amount and costs of paper used in business operations, costs and waste generated from cleaning products, and amount of compost produced on-site.

### ✅ Results

29% less paper was used. This saved € 73. The more sustainable cleaing products led to a increase of € 570. The wase of cleaing products is still the same.



## Scorecard Pannenkoekenhuys de Molen

Scharendijke, NL

### ? Challenge

Which waste streams can we valorise circularly?

### ✂️ Circular solution

Coffee grounds are collected to be used for the growing of oyster mushrooms. For separate collection and circular valorization of food waste, a logistical solution is still being sought.

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### 🌱 KPI

Kg of used coffee grounds valorised.

### ✅ Results

Reusing coffee ground strategy led to 500 kg of used coffee grounds valorised in one year.





# Scorecard Parkhotel de Panne

De Panne, BE

## ? Challenge

Developing a sustainable business plan for generating own power and electric charging infrastructure linked to renewable energy.

## ✂️ Circular solution

Installation of solar panels and 4 double electric charging stations. In addition, they are also working on producing less waste and raising awareness through clear communication with both staff and consumers.

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## 🌱 KPI

Grid electricity used and power provided to guests through the charging stations.

## ✅ Results

The solar panels decrease the use of GRID electricity by 19% (monthly 2429 KWh less). Annually, the electric charging station provided 225 KWh to the car.



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## KPI

Waste recovered and valorised .

## Results

O.666 focused on producing tiles from beach waste. Unfortunately, the beach waste tiles were not fireproof. That's why construction waste is used. The production of 6.700 tiles recovers 1,3 tons of waste.

# Scorecard Stad Oostende, 0.666 circular

Oostende, BE

## ? Challenge

How can the collected beach waste be upcycled into facing bricks for the renovation of the building of O.666?

## ✂ Circular solution

Study to achieve the most circular facade cladding possible. The study consists of three parts: the preliminary design, the final design, and the application for the environmental permit.



## Scorecard Strandhotel Westduin

Koudekerke, NL

### ? Challenge

What is a good starting point for reducing waste and separate waste better? How do we make our waste process more circular?

### ✂️ Circular solution

Parts of the green waste are collected separately. Waste is recycled and reduced by refusing waste when purchasing. Coffee grounds are used as a soil enrichment. Procurement is as circular as possible, and furniture is reused by having it re-upholstered

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### 🌱 KPI

The amount of food waste avoided from breakfast, and the amount of used coffee grounds repurposed into natural fertiliser.

### ✅ Results

A 15% reduction in organic waste generated from the breakfast buffet. A weekly recovery of 50 kg coffee grounds.



## Scorecard Strandpark de Zeeuwse Kust

Noordwelle, NL

### ? Challenge

We feel we are doing well with sustainability. But there are also certainly blind spots on this theme. How can we within our company fully implement sustainability to work on all facets?

### ✂️ Circular solution

Based on a zero measurement, the full width sustainability is implemented with the ultimate goal of achieving it Green Key quality mark.

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### 🌱 KPI

Kg of used coffee grounds valorised.

### ✅ Results

Several solutions are implemented, including reduction water flow showers, usage LED light, turning food waste into biogas, and reuse coffe grounds (2800 kg yearly).