



EWR good practices and case studies

(RISPETTU project sustainable Hotel sector)

1. Details of Action:

Coordinator: ADEME

Action Developer: Dr Dominique VASCHALDE

Name of nominated action: RISPETTU PROJECT SUSTAINABLE HOTEL SECTOR

Town: Ajaccio

Region: Corsica

Country: France

Nominee category: Business/Industry

Dates of action: 19 to 27 November 2016

2. Action's theme:

- Reduce – Strict avoidance and reduction at source
- Reuse – Preparing for reuse and reuse
- Recycle – Waste sorting and Recycling
- Let's Clean Up Europe!

3. Action related to the Prevention Thematic Days 2016: Packaging waste – Use Less Packaging?

- Yes
- No

4. Description of the nominated action:

As part of the environmental labelling project for 10 hotels in Corsica, the project called RISPETTU, with the support from ADEME and OEC in Corsica, in partnership with EDF, Kyrnolia, Syvadec and the University of CORTE. The 10 hotels joined forces during the entire waste reduction week. This wide involvement created a momentum around the issue of waste which is a significant problem in Corsica, especially due to tourism. We have held a round table discussion to gather best practices that could be applied during the waste reduction week. The actions chosen are as follows:

- 1) During the entire week, not to use any 30 g jam pots; as each glass pot weighs 30 g and each lid weighs 10 g, for each 30 g of jam, we generate 40 g of waste from the continent which then returns to the continent. We decided that for the entire week, we would not use any small pots from the continent, and use instead 1 kg pots of jam made in Corsica.
- 2) During the entire week, we also did not use any 100 ml individual bottles of shampoo and shower gel, opting instead for refillable products. Each 100 ml bottle of shampoo and shower gel creates 100 g of waste. 80% of our 20 g solid soap bars are thrown away after one or two uses, per customer, bearing in mind that the average length of stay is 2.4 nights.
- 3) Similarly, we did not use any disposable cups or any plastic bags in the bins of the rooms.



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- 4) Purchase of cleaning products in large containers, to replace small 750 ml containers
- 5) Reduction by 10% the rotation of all linen, towels, bath mats and bed sheets.
- 6) In Corsica, the production of kWh generates 5 times more CO₂ because it is produced from fuel in Corsica. Edf sells kWh at a loss, so the more we save kWh, the less EDF loses money. EDF is helping us minimise our kWh
- 7) Installation of flow restrictors: on average, the hotels of the Rispettu project are booked for a total of 25,000 nights. Customers flush three times a day. Unless there is a dual-flush system, this means that 6 litres of water are lost every single time the customer uses the toilet, 3 times a day, 25,000 times a year, totalling: 6 litres x 3 times a day x 25,000 nights: 450,000 litres of water. The same calculation applies for showers, with an average of 13 litres per minute as opposed to 7 litres per minute using an economical shower system, i.e. 6 litres per minute x 7 minutes of shower per customer x 25,000 nights: 1,050,000 litres of water saved. The same applies to flow restrictors in taps: 4 litres per minute instead of 7 litres per minute. i.e. 3 litres per minute saved x 5 minutes per day x 25,000 nights: 375,000 litres of water. In total, each year, one hotel can save 450,000 + 1,050,000 + 375,000 = 1,470,000 litres of water including 40% that is heated for showers and hand-washing.

5. Type of evaluation conducted and outcome of the evaluation:

- Number of visitors/participants
- Feedback from visitors/participants (willingness to change their behaviour)
- Quantity of waste avoided/collected
- Amount of CO₂ avoided
- Other indicators

Outcome of the evaluation:

- 1) Replacing the small 30 g pots by the large 1 kg pots: 20,000 small pots saved, i.e. 600 kg of waste avoided, 1,840 kg of CO₂ avoided and 3,871 Euros saved
- 2) 10% of linen saved, by increasing awareness among the staff, particularly the floor staff, and by encouraging guests to go green. 7.82 m³ of water saved, 4,592 kWh saved, 21.72 kg of waste, 1,029 of CO₂ saved, 1,832 Euros.
- 3) Complimentary products: replacing the 100 ml doses by refillable distributors, 538 kg less waste, 946 kg of CO₂ avoided, 1,477 Euros saved
- 4) 4) Household products: dissolution of cleaning products as per user guide; the floor staff tends to add more product so that the room smells nice or so that it cleans better, however the manufacturer has confirmed with us that using more product than the recommended guidelines is actually inefficient because the cleaning product becomes aggressive depending on the surfaces cleaned (stainless steel, wood, glass, marble, etc.).
 - Lime scented, all surface cleaning product: 33 kg less waste, 274 kg less CO₂, 499 Euros saved
 - Ammoniac products: 14.94 kg less waste, 141.95 kg less CO₂, 93.36 Euros saved.
- 5) Over the European Week for Waste Reduction, each hotel was given flow restrictors and economical shower systems; the savings made over that one week are as follows: 530 m³, 2,433





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Euros saved. For toilets, over one week, 231 m3 of water was saved and 661 Euros were saved.

6) Estimate across the 10 hotels for installing solar panels: during the waste reduction week, a study was carried out in each hotel on lowering CO₂, and investigated the installation of solar panels. These studies demonstrated that on average, each hotel could reduce its CO₂ by 1,088 kg of CO₂, 70,217 kWh ep and 1,802 Euros. For CO₂, the numbers need to be multiplied by 5 due do the specificity of Corsica which emits 5 times more CO₂ than on the continent.

6. Reasons why the action has been selected for the EWWR 2016 Awards:

a) Visibility and communicational aspects

To date, the project in Corsica brings together 10 hotels; the EWWR awards could increase the visibility of the RISPETTU project. To ensure that the RISPETTU project continues, the Minister, Ségolène ROYALE, signed an agreement for an additional 100 facilities to tackle food waste. The RISPETTU project is the foundation of this agreement. We would like to add 10 hotels per year to the RISPETTU project by 2020. This would total 50 hotels, resulting in 50 times less environmental impact. The EWWR awards would add a green dimension to our services.

b) Quality of content and focus on waste reduction, products reuse or materials recycling

Our project directly links environmental impacts and business impacts, which also shows the direct relationship between larger packaging and the volume of waste generated by individual packaging for shower gels, jam pots, etc.

c) Originality and exemplarity: What makes the action original or innovative?

The daily behaviour of each individual, multiplied by 25,000 nights. The multiplication of individual behaviour is most instructive. For example, the annual cleaning products of a hotel correspond to 50 years of use for a family. The impact is enormous and the numbers speak volumes to everyone, staff, guests, the civil society, elected officials, etc.

d) European reproducibility: How can other entities adapt the action to other contexts or European regions?

Our project was mentioned during the UMIH Congress in Bordeaux in Nov 2015. In our humble opinion, it deserves more communication and visibility.

e) Lasting impact: In what way is the action designed to have a lasting impact?

The hotels taking part in the project react very quickly, either for economic or environmental considerations. As soon as they realise the impact of their current practices, they immediately and irrevocably challenge them. The different actions implemented during the EWWR are destined to be continued in the future.

f) Motivation: How will your action motivate its target audience/the general public?

The project increases the awareness of staff members, guests, the company, suppliers, etc. Each hotel has 25,000 room nights for an average stay of 2.4 days. Every year, each hotel informs their 10,000 guests, 1,000 suppliers, 200 employers and 100 elected officials of their environmental impact.



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Newspaper article

Corse infos
CORSE INFORMATION

Mercredi 11 juillet 2013 **corse-matin** 3

Tallone, parc marin, les enjeux de la visite de Ségolène Royal

La ministre de l'Environnement fait escale en Haute-Corse aujourd'hui et demain. Attendue sur les moyens financiers du parc naturel, elle signera aussi la convention "Corse, le vert" à l'heure où les ordures débordent

En tant que ministre de l'Environnement, Ségolène Royal a pour tâche de faire passer le message de la réduction des déchets. Elle est venue en Haute-Corse pour signer la charte de Tallone et de la commune de Ségolène. Elle a aussi signé la charte de Tallone et de la commune de Ségolène. Elle a aussi signé la charte de Tallone et de la commune de Ségolène.

"Corse le vert" de l'effort d'urgence"
La ministre de l'Environnement a signé la charte "Corse le vert" à Tallone, en Haute-Corse, mercredi 10 juillet. Elle a aussi signé la charte de Tallone et de la commune de Ségolène.

Ségolène Royal, ministre de l'Environnement, est venue en Haute-Corse aujourd'hui et demain. Elle a signé la charte "Corse le vert" à Tallone, en Haute-Corse, mercredi 10 juillet. Elle a aussi signé la charte de Tallone et de la commune de Ségolène.

Le canal de Corse sécurisé

La Région a financé la sécurisation du canal de Corse. Elle a financé la sécurisation du canal de Corse. Elle a financé la sécurisation du canal de Corse.

Les hôteliers prônent l'hébergement durable

Les hôteliers de Haute-Corse prônent l'hébergement durable. Ils ont signé la charte "Corse le vert" à Tallone, en Haute-Corse, mercredi 10 juillet. Ils ont aussi signé la charte de Tallone et de la commune de Ségolène.

580 millions de litres consommés

580 millions de litres de déchets ont été consommés en Haute-Corse. Ils ont été consommés en Haute-Corse. Ils ont été consommés en Haute-Corse.