



Luniwave

Partner of the ecological transition of hotels

LuniOne presentation



Ecology for the hospitality industry

Ecology is an opportunity for the hospitality industry. It helps **reducing the consumption** of their customers, it helps respecting the **governmental laws** about energy consumption & it helps meeting the growing **customers' demand of greener hotels**.



2x

more **consumption** during a stay in a hotel than at home.

Study Ademe 2021



80%

Of the customers say that the **eco-responsible** label influences their choice of tourist accommodation

Study Booking.com 2022



40%

Reduction of energy consumption **imposed** by the State by 2030 with the ELAN law

French law



AN INNOVATIVE VISION

A positive and and profitable ecology

Positive. To never constrain.
Cost effective. To facilitate its adoption.



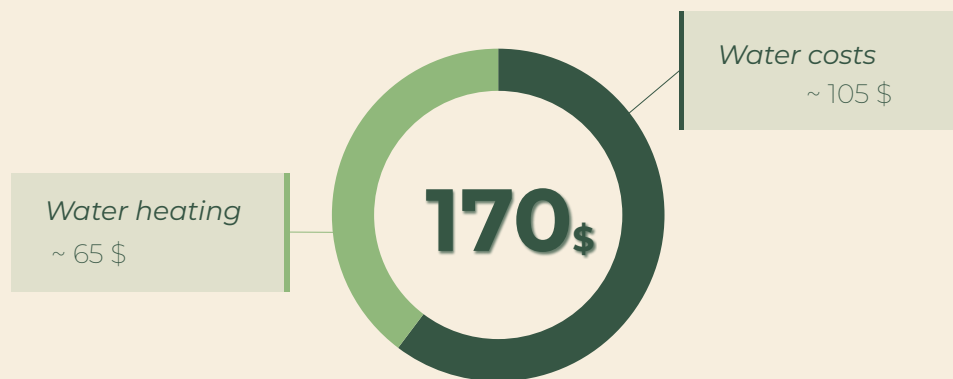
*«We bring to the hospitality industry
an ecology that is compatible with the
expectations of its customers.»*

Eloi Bonte

Co-founder of Luniwave

Naturally reduce the **water** and **energy** consumption of your showers by 30%

Savings per room per year



Average savings for 55 rooms per year

Water	Energy
800 000 L	40 000 kWh
Savings	eCO ₂
9 350 \$	8 500 kg



The LuniOne: A gamified experience to raise awareness among your customers



LuniOne is a technology based on **behavioral science** and nudge theory.

92%

Of the users report that this experience has **enhanced** their stay at the hotel.

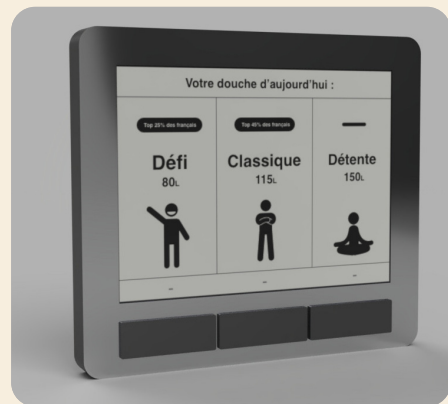


In the bathroom

A control screen to be simply affixed on the wall

In the shower

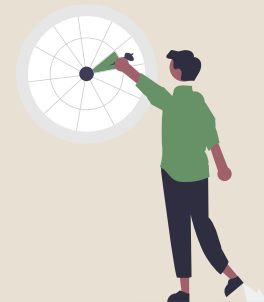
A module with 4 leds to place under the mixer



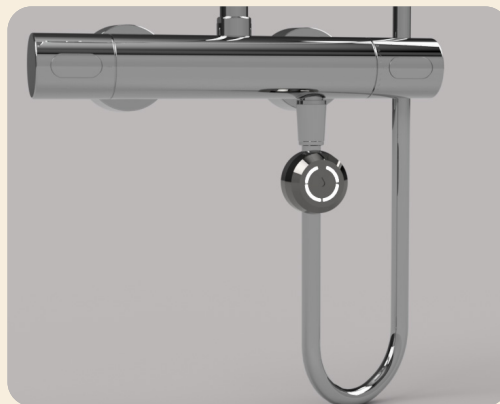
Before the shower

✓ Challenge

The user is invited to select a water consumption target for his shower. Signage in the establishment's colors explains the process and guides the user.



Use case of LuniOne for a customer



During the shower

✓ Information

The user discreetly follows the evolution of his water consumption thanks to the 4 leds. 1 lighted LED = 25% of the target.



After the shower

✓ Enhancement

The user's savings are valued through the control screen. The customer's estimate function is activated.



30% discount passively.

No flow reduction. No water cut-offs. Reductions come from the effect on the user's behavior.

✓ Preserves the well-being of the customer's shower

✓ A visible and valuable ecology



A unique innovation around behavioral sciences:

Challenge

Offering a challenge allows the user to be engaged according to his will. The link with this objective will be reinforced.

Information

Live information allows the user to be passively aware of his consumption

Enhancement

Valuation secretes dopamine, the happiness hormone. It reinforces the user's self-esteem



CES Las Vegas 2023
The world's largest innovation show

The figures from the Luniwave study



2 years

of Research & Development on the INSA Lyon site

+ 3000

showers performed with the LuniOne prototype

697
homes

~50 000
shower

Use of the large-scale study of the ETH Zurich University on the human behavior in front of the live information of its water and energy consumption in the shower

2

in-house engineers for product development. They are at the origin of the Luniwave project

Results

Average of the % of reduction according to the range and the typology of customers



Mid-range
Leisure



Top of the range
Leisure



Mid-range
Business



Top of the range
Business

Designed for the realities of the hospitality industry

The LuniOne was built with
tourism professionals for hoteliers



Self-powered

A auto-charge of the complement allows a complete autonomy of the product. The eco-design guarantees an important longevity.



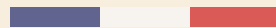
Installation in 3 minutes

No installation work required. LuniOne, a module to be screwed under the mixer tap and a screen to be affixed on the wall.



Flexibility

The LuniOne is installed over your existing system. Keep your functionality and design for your showers and bathrooms.



The luniOne is a Made In France product, in order to ensure a high quality product and an environmental consistency



**They trust
us**

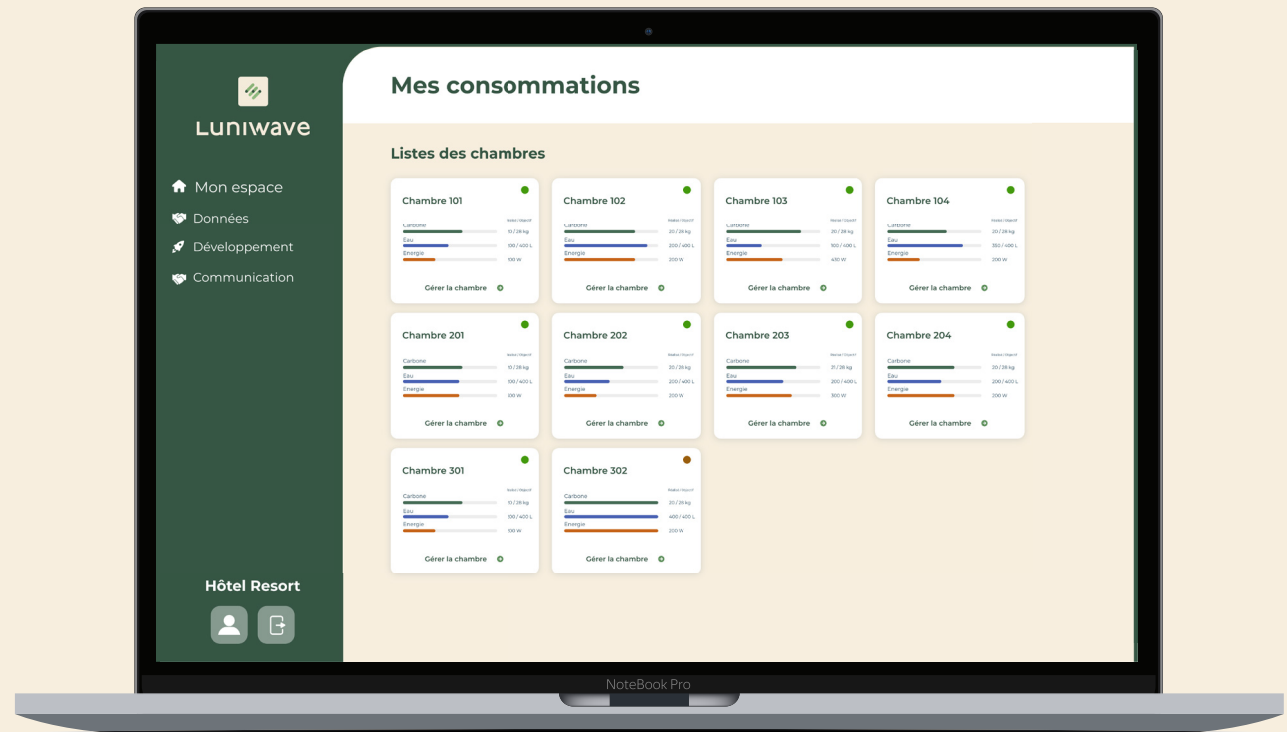


A platform to visualize your savings

In option

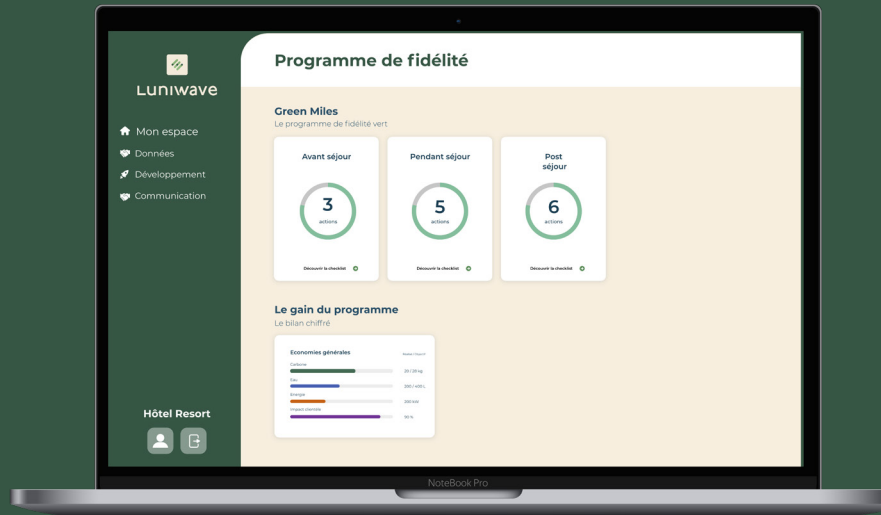
LuniData, a SaaS for

- A feedback of consumption data by room
- A certification of your savings for labels (Green Key, government, ...)
- Datas for your certification & marketing



Loyalty and management

Soon



- CRM connection for data feedback and loyalty program
- Continuous and automated carbon audit
- Measurement and management of ecological actions



Luniwave offers



LuniOne

1 very low consumption **screen**

1 **module** 4 Leds

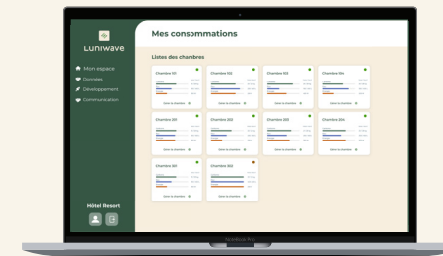
Product Made-In-France & guaranteed 2 years

Shipping of the products on site

Purchase

or

Leasing



LuniData

Access to the online platform

1 Bluetooth / Internet **gateway**

Support available via phone

Secure and anonymized data

Rental





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