

## Eco Touch Energy Automation

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**Year of commitment** : 2017

**Green energies** : Energy Efficiency

**Digital services** : Transmitter, Smart metering, Cloud data solutions, Smart grid, Comfort, Automation

**Circular economy and waste management** : Save of ressources



10 000 €

**Builder**

Eiffage Real Estate

### GENERAL INFORMATION

OGGA has developed an energy-efficient automated solution called Eco-Touch based on the analysis of the signatures of the consumptions. Eco-Touch is able to learn and act independently, it is programmed itself according to the habits of the occupants. It automates the management of the heating, cuts the watches and the lighting during absences and displays the energy consumption of the housing (RT2012). Fonctionnalités :

- Intelligent thermostat with self-programming (individual heating gas, individual collective, electric).
- Energy meter RT2012 (5 uses)
- Shutdown of a dedicated outlet circuit during absences.
- Shutdown of lighting circuits during absences.
- Accessible and remotely controllable for free. (Computer, tablet, smartphone)
- Piloting of roller shutters
- Scalable by the addition of modules (window opening detectors, connected smoke detector, air quality probes ...).
- Detection of boiler room problems

In summary, Eco-Touch summarizes the varied needs of users (energy saving, improved comfort, ease of use) and the manufacturer's cost requirements. It is an evolutionary system in open protocol.

## Progress Status

Delivered

## Data Reliability

Self-declared

## Website Enterprise / Infrastructure

<https://www.ogga.fr>

## Sustainable Development

### Attractiveness :

- Making connected and remotely controllable slots
- Reducing Residents' Energy Consumption
- Centralize with a single gesture (presence / absence switch) energy savings and improve occupant comfort

### Well Being :

Improves comfort by automating energy savings. Very easy to use!

### Social Cohesion :

Bringing innovation to everyone by automating energy savings. Whatever its profile, whatever its origin or age, each person must have access to innovation. Number of people and especially those who need it most.

### Preservation / Environmental Improvement :

Eco Touch calculates automatically and without programming the most economical temperature during absences and periods of sleep. It reduces energy consumption by adapting to the actual habits of the occupants. Eco Touch will also alert the occupant in the event of a malfunction of one of the consumer stations!

- Measurement and monitoring of the energy consumption of housing: heating, hot water, outlets, electricity ...
- Automation of energy consumption
- Battery-free and wireless technology!
- Adapts to the behavior of the inhabitants (presence / absence switch)

### Resilience :

Adapting to user usage is a very important thing. This is the starting point of the Eco Touch solution and the OGGA company. The system can work with or without internet. In the housing or remote, there are several possibilities to control the system, because it is important to be able to adapt to different profiles of users (students, people with reduced mobility, elderly people ...). In the event of a malfunction, the system will store the consumption data of the housing, without changing the habits of the occupants. Even in the event of an overall failure of the Eco Touch system, the user can use what he wishes in the housing without interfering with its uses.

### Responsible use of resources :

The objective of the Eco Touch system is to automate energy saving. The heating self-regulates in a transparent way and it also allows to point the consumption stations in the housing. Energy savings are real and are mostly realized in a very simple way. The occupant is also alerted in case of abnormal consumptions.

## Governance

OGGA

Holder Type : Private Company

Eiffage Real Estate

## Sustainable Solutions

Eco Touch - Energy Automation

#### Description :

OGGA has developed an energy automation solution called Eco-Touch based on the analysis of electrical signatures.

Integrated into the electrical panel of the dwelling, able to learn and act independently, Eco-Touch self-programming according to the habits of the occupants. It automates the management of the heating, cuts the watches and the lighting during absences and displays the energy consumption of the housing (RT2012).

Eco-Touch is both an energy meter and an intelligent thermostat. This is an evolutionary system in open protocol. The easy-use of Eco-Touch gives it a unique advantage because it is suitable for any profile (Owner who occupies the dwelling, owner landlord) and to any public (elderly persons, persons with reduced mobility, etc.). Integrated into housing, the OGGA technology participates, thanks to an innovation of use, to the success of the projects of economic habitats and connected in the new and the renovation.

What makes it unique: - The simplest and obvious product to use (A simple switch as user interface) - A product that does not require internet to be intelligent (no CNIL constraints for our customers)



In summary, Eco-Touch summarizes the varied needs of users (energy saving, improved comfort, ease of use) and the manufacturer's cost requirements.

- o Smart city :
- o Energy/climate :
- o Infrastructure
- o Digital services

Company (es) Website :

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## Contest

### Reasons for participating in the competition(s)

Attractivité :

- Rendre les logements connectés et pilotables à distance
- Réduire les consommations d'énergie des résidents

Centraliser d'un seul geste (interrupteur de présence / absence) les économies d'énergie et améliorer le confort des occupants

Cohésion Sociale :

- Apporter de l'innovation au plus grand nombre de par l'innovation d'usage
- Rendre accessible l'innovation à tous types de personnes

Préservation/Amélioration de l'Environnement

Eco Touch calcule automatiquement et sans programmation la température la plus économique pendant les absences et les périodes de sommeil. Il permet de réduire ses consommations d'énergie en s'adaptant aux habitudes réelles des occupants. Eco Touch va également alerter l'occupant en cas de dysfonctionnement d'un des postes de consommation !

- Mesure et suivi des consommations énergétiques des logements : chauffage, eau chaude, prises, électricité ...
- Automatisation des consommations d'énergie
- Une technologie sans pile et sans fil !
- S'adapte aux comportements des habitants (interrupteur de présence / absence)

### Building candidate in the category



Coup de Cœur des Internautes





Grand Prix Infrastructure Durable



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