



Citelum, creates a smart, attractive and sustainable world of light and is the smart lighting and connected services subsidiary of the EDF Group.

MAJOR CONTRACTS

France

Citelum in grouping with Bouygues Energies & Services, wins Dijon Métropole urban space connected management contract. The 12-year project is a 1st in France regarding the implementation of a centralized and connected device to manage urban equipment.



Italy

As part of the Consip Luce 3 agreement, Citelum has a portfolio of over a hundred clients including the cities of Perugia and Pavia.

Citelum creates one of the most comprehensive smart city in Lonato del Garda; the renovation of the lighting with LED will enable the city to have a large range of connected services at its disposal.



Spain

Citelum wins the contract of the city of Illescas near Toledo. The lighting points will be equipped with a remote management system, as well as Wi-Fi hotspots. An objective of around 70% of energy savings.



Denmark

Citelum strengthens its position around Copenhagen with the lighting contracts of Frederiksberg and Hillerød.



United States

Citelum wins Albuquerque, the largest city in New Mexico. The energy and maintenance cost savings will finance the implementation of a smart city platform. Efficient lighting, reduced CO₂ emissions, stronger safety, optimized maintenance and new services for citizens, a very “smart” contract.



Mexico

Citelum finishes the renovation of Mexico’s lighting, that is to say over 270 different renovation works completed and recorded on the platform MUSE® for new energy savings and a better reinforced safety.



Chile

Citelum wins the contracts of Maipú, the 2nd most populated city of the country, and of Independencia located in the Santiago province. The objectives? LED renovation and substantial energy savings.



Brazil

The city of Teresina takes on the platform MUSE® to manage its 85,000 lighting points. Citelum also signs its 1st industrial client in Macaé (Rio region) and renovates the lighting on the roads, the site area and the plant warehouses.

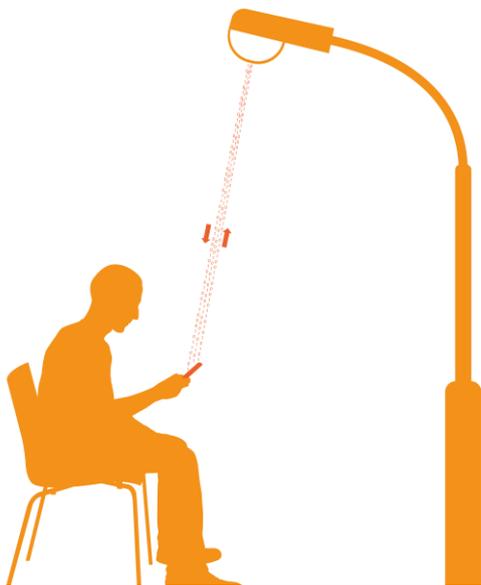


INNOVATION: LI-FI INTERNET THROUGH LIGHT

To answer tenders in the fields of **indoor and street lighting in relation to energy performance and Li-Fi communication, Citelum partnered with Lucibel.**

These communication technologies through light enable to geo-track a client or a visitor in a shop or a museum to provide him with an adapted and contextualized content. **Li-Fi technology offers an Internet access through light, is harmless to the health, economical and secured.**

The partnership **materialized in 2017 with the contract of Montreuil** won by Citelum in grouping with Satelec, to renovate the city's street lighting and some artistic lightings. For this project, Lucibel will study and provide some equipment to enhance the buildings selected by the city as well as a Li-Fi communication solution.



AIRLAB: TO INNOVATE FOR AIR QUALITY

As part of the creation of AIRLAB, French Airparif laboratory of innovative solution for air quality, Citelum is committed along with well-known cities and industries, to **test a connected urban equipment prototype able to measure mobility flows in real-time.**

The innovative device draws on **urban infrastructure (lighting, traffic lights, cameras, etc.) fitted with next generation image sensors** to measure the circulation of the city's different players (vehicles, bikes, pedestrians, etc.).

The data collected is then combined with data from the Airparif air quality surveillance system and processed via the **urban space management platform, MUSE®.**

The results will help decision-makers and urban planners to **define corrective actions to develop infrastructures and behaviors.**

CITELUM, EDF ENERGY SOLUTIONS SUBSIDIARY

With its new umbrella brand, the EDF Group showcases its ambitions in energy solutions to work toward the success of its CAP 2030 strategy:

- **Double the Group's turnover in 2025** with at least 25% achieved out of France.
- **Achieve a turnover of €11 billion before 2030.**

The brand underlines the ability of each of the Group's subsidiary to support their clients to reach their energy transition and economic efficiency objectives.



HEALTH & SAFETY

In 2017, Citelum and its whole management reaffirmed their Health & Safety commitment.

2017 Fequency Rate: 5.39, a decrease of 31% (compared to 2016)

2017 Gravity Rate : 0.31, a decrease of 53% (compared to 2016)

Specific actions have been carried out in regards to service providers contracting, selection and follow-up in order to incorporate Citelum's requirements in terms of health and safety in the workplace.



FINANCIAL RESULTS

EBITDA

€12.8M

TURNOVER

€316M

Workforce (at end 2017)

2,531 employees

| | |
|---------------|-----|
| Brazil | 607 |
| France | 500 |
| Mexico | 453 |
| Spain | 317 |
| Chile | 213 |
| Italy | 190 |
| India | 95 |
| China | 73 |
| Denmark | 43 |
| United States | 33 |
| Others | 7 |

CERTIFICATIONS

- Quality **ISO 9001**
- Environment **ISO 14001**
- Health-Safety **OHSAS 18001**
- Energy Management **ISO 50001**
- Social Responsibility **SA 8000**
- EU Eco-Management and Audit Scheme **EMAS**





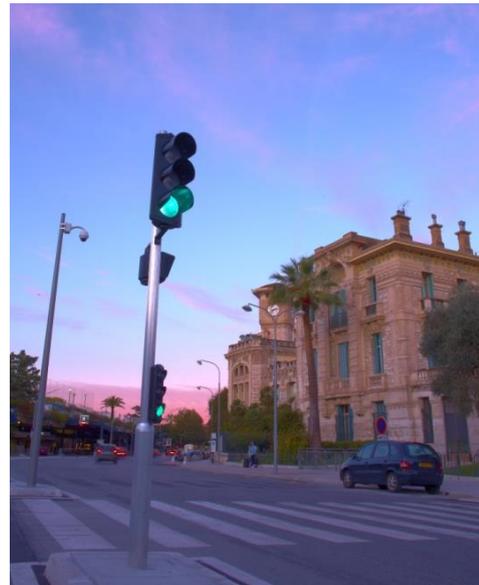
Guanajuato, Mexico



Perugia, Italy



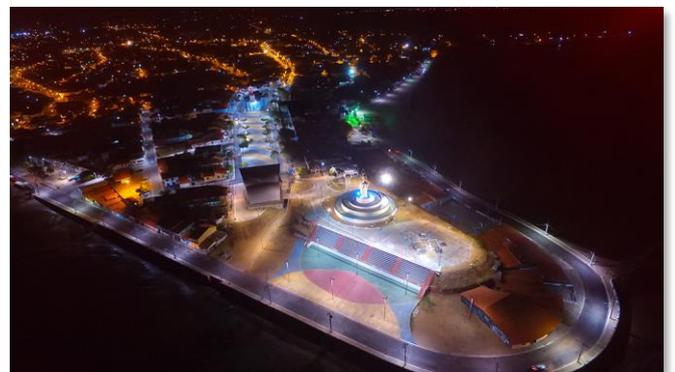
Almeria, Spain



Nice, France



Copenhagen, Denmark



São Jose de Ribamar, Brazil

Please, only print this document if necessary.

CITELUM S.A
Tour Pacific - 13 Cours Valmy
92977 Paris La Défense Cedex
Capital of 61,906,250 euros
Nanterre TCR 389 643 859
www.citelum.com

General Management
Communication Department

©Citelum 2018
Photo credits: Citelum, Frederiksberg Kommune,
Jacques Blanchard, Thibaud Rebour, EDF Norte
Fluminense, Xavier Boymond

More information:
Communication Department
+33 (0)1 41 97 72 00