

Ellona and Groupe Ragni are developing their partnership around Connected Environmental Measurement Solutions for intelligent urban lighting

[Ellona](#), a pioneer in the digitization of human senses for environmental intelligence, has concluded a partnership around its environmental measurement solutions with Groupe Ragni, an independent French designer and manufacturer of public lighting projects.

Presented during the Climate Fortnight at the Dubai World Expo UAE (February 4-17, 2022), Ellona's environmental intelligence solutions integrated with Groupe Ragni's Korner intelligent lighting modules, allow for the measurement of a large number of environmental parameters such as pollutant gases, dust, and noise, and map the cities concerned to help them optimize their infrastructures.

Cities are faced with complex environmental challenges, and the implementation of Ellona's solutions in public spaces within street furniture and especially lighting (whose strong network is already established), is a real leap forward towards the real-time environmental management of a smart city.

The solutions developed by Ellona for Ragni can also handle the detection and identification of emissive sources and, in particular, gases, odors, noise, particles and dust, based on their unique fingerprints, developed by Ellona and integrated in its databases.

Ellona began marketing its solutions two years ago, and this new partnership illustrates the growing demand for dynamic mapping and environmental analysis, allowing the adaptation of city infrastructures: monitoring of low-emission zones, optimization of transportation systems, management of traffic lights...

These performances, recognized by industry professionals and awarded by Airparif (Airlab challenge), allow Ellona to offer value-added turnkey solutions to end customers, including industrial sites, waste treatment sites, port authorities ...

Ellona confirms its ambition to become the reference player
in environmental intelligence data

About Ellona:

Pioneer in the digitization of human senses for environmental intelligence, Ellona combines within its IOT solutions, miniaturized sensors and artificial intelligence. Its innovative approach enables the recognition of environmental nuisance sources and thus offers unique data banks: gases and odors, noise and sounds, particles and allergens, to industries, communities... At the heart of innovation, Ellona paves the way to the environmental revolution.
<https://www.ellona.io/>

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About Ragni:

Located in Cagnes-sur-Mer (PACA, France) since its creation in 1927, Ragni is a family business specialized in the design and manufacture of public lighting equipment that employs nearly 150 people. Managed by the 4th generation, Groupe Ragni is composed of three subsidiaries respectively located in France, Bosnia-Herzegovina and the United States, carries the values of creativity, passion and proximity, and makes French production its major asset thanks to its 6 locally distributed sites. Thanks to its sales network composed of 16 French agencies and 25 international distributors, the group has been growing strongly since 2015.