

Environmental certifications

TimelapseLab is the new way of experiencing construction

TimelapseLab produces smart industrial devices for the management of construction sites all from remote with an artificial intelligence- based software annexed. With a wide range supply of high-tech and customized products and services, we combine the production of plug and play HD devices, resistant to every kind of critical issue, with a functional management platform for the remote supervision of the works.



LEED

LEED® is a **building certification system** born in the United States at the end of the last century. It promotes a **holistic approach** to the building and indicates performance thresholds and methods aimed at reducing the environmental impact of the construction sector. Building certification is based on the assessment of eight thematic areas, each characterized by mandatory actions (prerequisites) and optional requirements. **TimelapseLab helps you certify the following credits and prerequisites *:**

Green websites area Construction activity pollution prevention

Request that, during the construction phase, perform a series of measures and document to mitigate erosion and sedimentation (mandatory).

The shots represent an added value for the client and for the construction company, in order to **document compliance with the environmental measures of the protocol**. The optional **weather alert system**, which can be calibrated in accordance with the ESC Plan, alerts you when the inspection is to be carried out.

Outdoor environment quality area Fundamental commissioning and verification

Requires the implementation of a Commissioning process (2-6pt BDC, 4-5pt IDC) (mandatory).

The shots in real time allow the Commissioning Authority to see the **progress of the work and to accurately assess the moments in which to carry out inspections**.

The credit expands the supervision activity requested from the Commissioning Authority which can have a real-time view of the progress of the work.

Indoor environmental quality area

Construction Indoor Air Quality Management Plan (1 pt) (optional)

It requires the implementation of a series of measures in the construction phase to manage and improve air quality during construction. The images acquired by indoor devices can be **included in the required reporting to document compliance** with the technical requirements.

In credit: innovation (1pt) (in progress)

The products and services offered by TimelapseLab are an added value that the customer can make available to LEED AP and the Commissioning Authority to optimize and perform their business in the best possible way.

*RATING SYSTEM:
LEED BD+C; LEED ID+C, V4,v4.1

TimelapseLab supports the LEED certification process of the building, becoming the ideal tool for:



Commissioning



Commissioning LEED AP



Commission authority



LEED AP general contractor



Commission Agent



General Contractor

Timelapse Lab is committed to adapt the devices to the **environmental sustainability policies** and to **constantly improve its own environmental performances**. TimelapseLab products, solutions and services are qualified and certified to help reduce the carbon footprint and backup green building practices.

Timelapse Lab, through its **monitor systems of the construction site**, allows an easier management of certain technical requirements from different protocols (**BREEAM, LEED, WELL**), and also allows the client to always have the construction site and work progress under control.



BREEAM

Timelapselab simplifies the certification process of **BREEAM requirements** for the classification and certification of eco-sustainability and environmental certification of buildings. Through TimelapseLab's services it will be easier to certify the presence of the following **requirements**, facilitating the obtaining of the **following credits** *:

Man 03
Responsible construction practices
(up to 6 pt)

Requires monitoring of the safety of work on site;
The images provided by our systems facilitate safety monitoring during the construction phase;
The monitoring is an **added value** for the client and the construction company, aiming **to document the compliance** of the **required environmental measures**.
The optional **weather alert system**, adjustable in accordance with the ESC Plan, allows to notify the deadlines for inspection.

Man 04
Commissioning and handover
(up to 4pt)

Thanks to **remote monitoring**, you can easily guarantee **workers' safety** in your construction site.
The images provided by our systems facilitate safety monitoring during the construction phase;
The monitoring is an **added value** for the client and the construction company, aiming **to document the compliance** of the **required environmental measures**.
The **optional weather alert system**, adjustable in accordance with the ESC Plan, allows to notify the deadlines for inspection.

Hea 02
Indoor air quality
(building type dependent)

*Among the requests there is also the implementation of a series of measures during the construction phase, aimed at managing and **improving the air quality** during the construction phase.*
The images acquired by our **indoor devices** can be included in the required reports to document compliance with the technical requirements.

*RATING SYSTEM: International New Construction v. 2016

WELL

WELL was born in 2014 in the United States and is a standard aimed at measuring the **well-being and quality in buildings**. Timelapselab's site monitoring systems allows you to contribute to the satisfaction of the technical requirements required by the WELL scheme, as specified below*:

A04
Construction Pollution Management
(precondition)

TimelapseLab contributes to the fulfilment of the mandatory requirement, which requires during the construction phase the implementation and documentation of a number of measures to reduce the pollution caused by the construction site. The **images provided** by our systems are an added value for both the client and the construction company, **aiming to document the protocol**.

RATING SYSTEM: WELL, V2



DOCUMENTATION
ADDITIONAL CREDITS
CERTIFICATION LEED
BUILDING

What is TimelapseLab

Products and services

TimelapseLab provides both **devices and a complete platform**, to satisfy the demands of all B2B branch firms but also those of large-scale constructions. The platform also includes a proprietary software based on **neural networks** and **data security**, which guarantees the protection of **personal data**.

PRODUCTS

Tailor-made devices for the construction site.

SERVICES

Web platform for remote construction monitoring and time-lapse videos.

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