

«NEW» LIGHTS RE-USED



2020 IPLOCA
Environmental Award



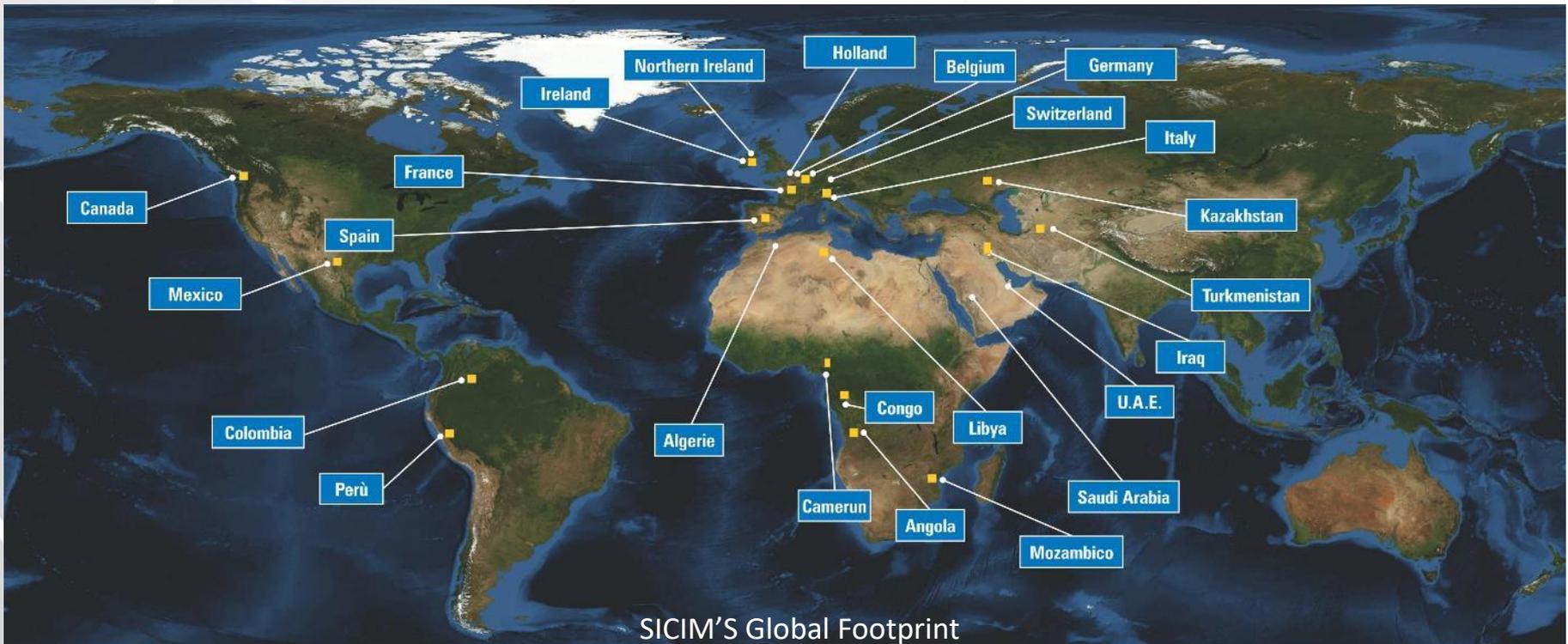
BUSINESS PROFILE:

HEAD OFFICE

⇒ BUSSETO (PARMA) – ITALY

DATE OF ESTABLISHMENT

⇒ 22nd January 1962



⇒ 19 Branches/Subsidiaries

■ SICIM offices



58 years of experience

SICIM is a Construction Company established in 1962 and offering all types of services related to the installation of pipelines and relevant ancillary facilities for the transmission and distribution of oil and gas on international basis.

Our past, including the installation of over than **15'000 km** of pipelines and **25'000 tons** of steel in facilities world-wide, is a guarantee of success.

Range of services

- ⇒ Project Management;
- ⇒ Engineering and Procurement for EPC works (approx. 200.000 hrs/year);
- ⇒ Pipelines and Flowlines for oil, gas, petroleum and other industry's products, water, etc., including rehabilitations of existing pipelines;
- ⇒ Oil/gas plants & facilities.

	2015	2016	2017	2018	2019
Manpower	5.077	7.022	7.234	4.827	5.549
Man-Hours	16.789.011	23.413.125	25.803.142	15.783.534	18.789.095





BUSINESS PROFILE:

MANAGEMENT SYSTEM CERTIFICATES

intertek
Total Quality Assured

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

SICIM S.P.A.
Headquarters: Via Consolato Superiore, 96/98
43011 Busseto, Parma, Italy

has been assessed and registered by Intertek as conforming to the requirements of

ISO 9001:2015

The management systems is applicable to:

management, construction and installation of pipelines and associated facilities for gas and water.

Certificate Number: 045 13121-03
Initial Certification Date: 29 September 2014
Date of Certificate Decision: 11 October 2017
Issuing Date: 11 October 2017
Certificate Expiry Date: 28 September 2020

UKAS
MANAGEMENT SYSTEMS
CERTIFICATION

Authorised Signature:
Cain McIlwain
President, Business Assurance

Intertek Certification Limited
104 Victory Park, Victoria Road
Derby DE24 8ZJ, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule 6 of accreditation no. 024.

UKAS
MANAGEMENT SYSTEMS
CERTIFICATION

BUREAU VERITAS
Certification

SICIM S.p.A.
Head Office and Operative Site:
Via Consolato Superiore, 99/98 - 43011 BUSSETO (PR) - ITALY

Bureau Veritas Italia spa certifies that the Management System of the above organisation has been certified and found to be in accordance with the requirements of the management system standards detailed below:

Standard

UNI EN ISO 3834-2:2006

Scope of certification

Design, manufacturing and installation by welding of pipelines and related facilities for oil & gas sector

Certification cycle start date: **03rd March 2016**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires: **13th March 2019**

Original certification date: **15th March 2013**

Certificate N°: IT002013 Rev 3 date: **03rd March 2016**

Authorised Signature:
FRANCESCO SOTTARE
Technical Director

ACCREDITED
UKAS
MANAGEMENT SYSTEMS
CERTIFICATION

UKAS
MANAGEMENT SYSTEMS
CERTIFICATION

Fuller conditions regarding the scope of this certificate and the applicability of the management system requirements may be obtained by contacting the signatories.
To check this certificate validity, please refer to the website www.bv.com/024

Certificate body address: Bureau Veritas Italia SpA - Via Marconi, 15, 20120 Milano, Italy

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SICIM S.P.A.
Headquarters: Via Consolato Superiore, 96/98
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ISO 14001:2015

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SICIM S.P.A.
Headquarters: Via Consolato Superiore, 96/98
43011 Busseto, Parma, Italy

has been assessed and registered by Intertek as conforming to the requirements of

OHSAS 18001:2007

The management systems is applicable to:

management, construction and installation of pipelines and associated plants for gas and water.

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UKAS
MANAGEMENT SYSTEMS
CERTIFICATION



FINDINGS

SICIM is established in Mexico since 2014 and has organized a maintenance and logistic center in San Luis Potosi.

The approx. 27,000 square meters of rented facilities include the management offices, maintenance workshop, painting workshop, welding workshop, hydrostatic workshop, containers and equipment depots and heavy machines parking.





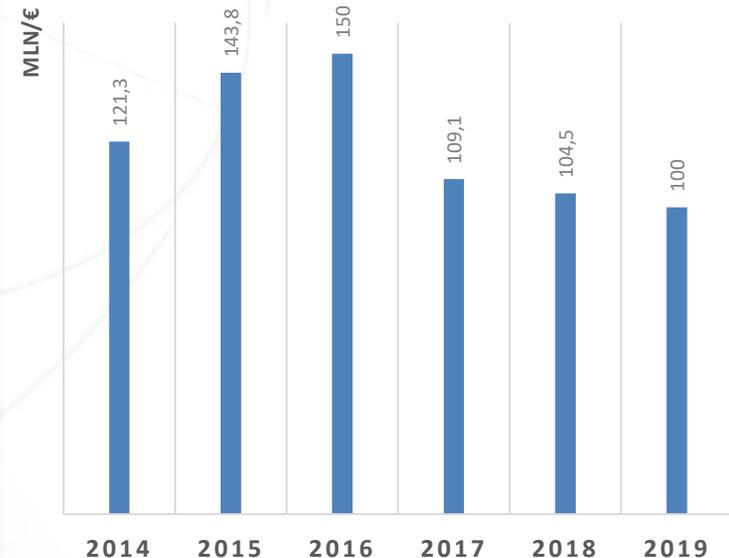
FINDINGS

All warehouses and plants date back to the 80s, when the area was built. When SICIM rented the area, only a small renovation was made.

Over the years, SICIM presence in the country has been consolidated and the logistic center has become increasingly strategic. This has led to higher consumption and higher management costs - due to the increase in demand but also to the obsolete plant engineering.



IN-COUNTRY TURNOVER OVER THE YEARS





FINDINGS

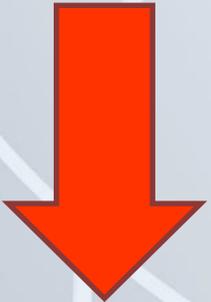
For the execution of the *Sur de Texas – Tuxpan* project SICIM has been required by the Client, Transcanada, to respect a precise amount of Lumen in order to ensure safe activities, especially during nighttime operations. To comply with these requirements, SICIM installed a large quantity of LEDs.



At the end of the project all those LEDs were no more required.



A

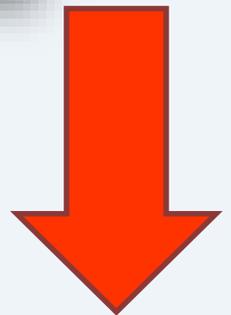


Large quantities of LEDs

- dismantled from the Sur de Texas
- Tuxpan project
- no longer used
- to be disposed?



B



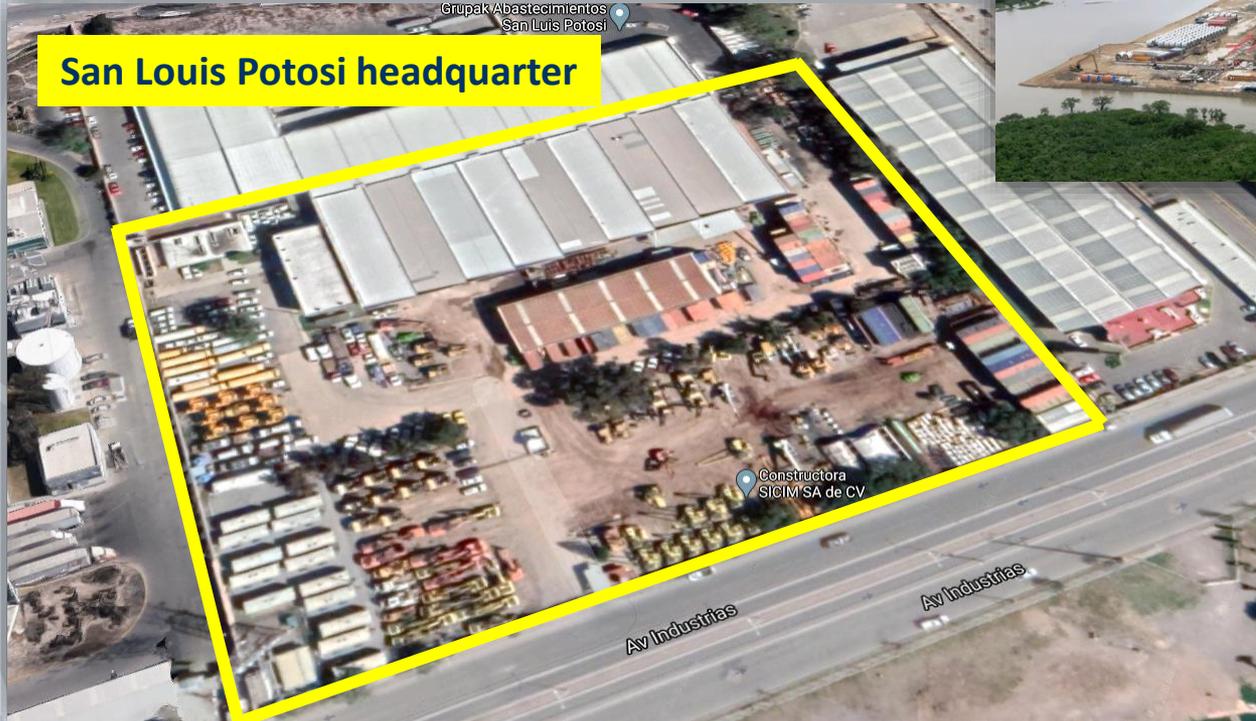
San Luis Potosi yard

- outdated electrical system
- inadequate lighting
- high electricity consumption
- expensive electricity bills





AB

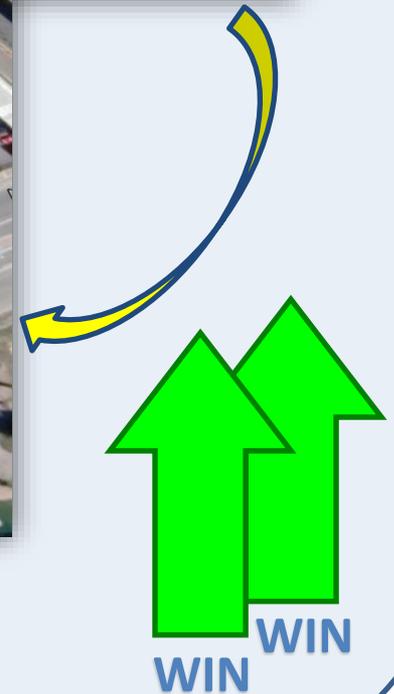


San Luis Potosi headquarter



Sur de Texas – Tuxpan project

Install the LEDs dismantled from the *Sur de Texas – Tuxpan* project in the yard of the San Luis Potosi headquarter





LEDS INSTALLATION IN SAN LOUIS POTOSI

1 step

Inventory and sorting of project dismantled LEDs

- Quantification and control of the material to be recovered

2 step

Electrical system renovation project

- Design of a new electrical system to replace the old one dating back to the 80s

3 step

Renovation of the electrical system

4 step

LEDs installation

5 step

Implementation
and testing

END

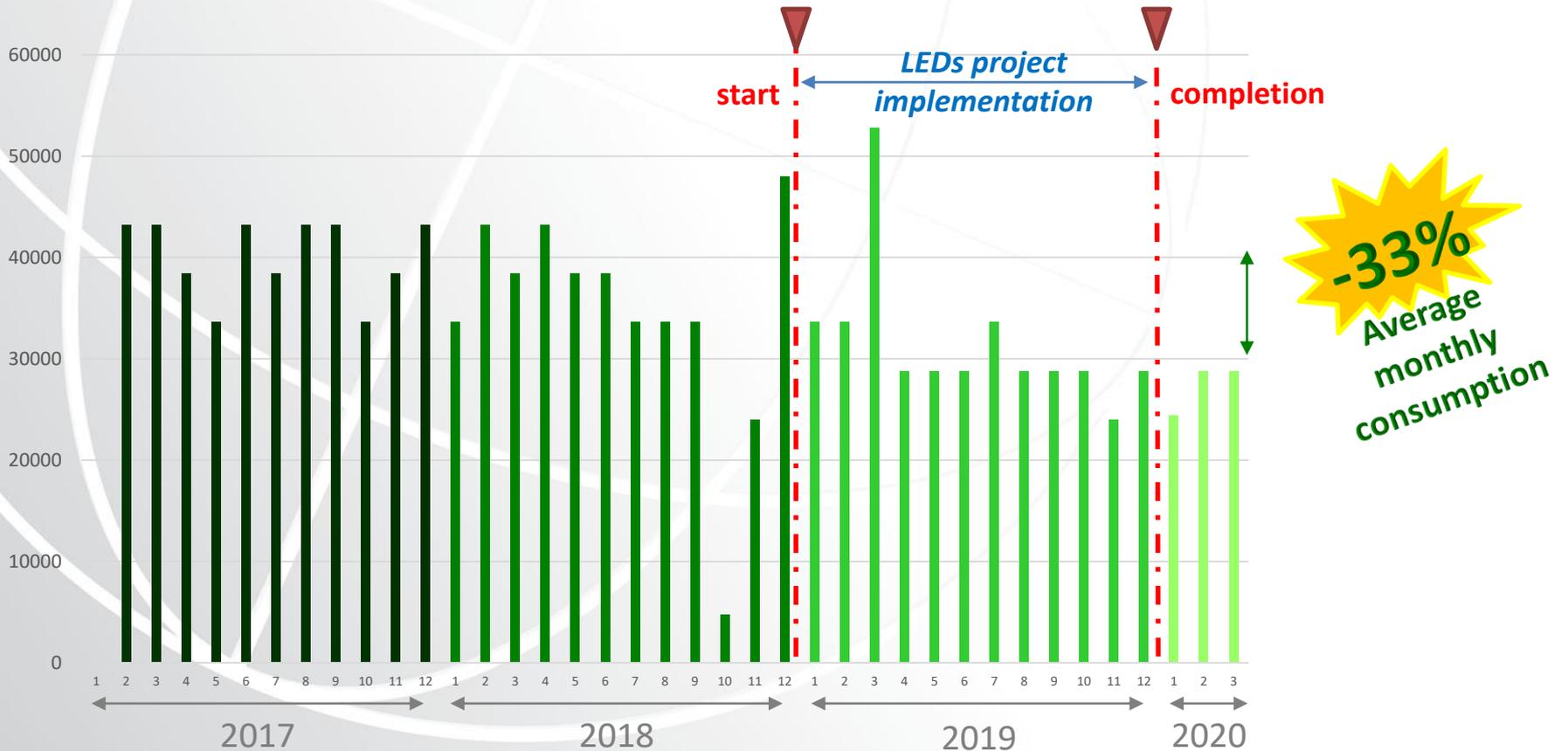
Monitoring



IMPLEMENTATION

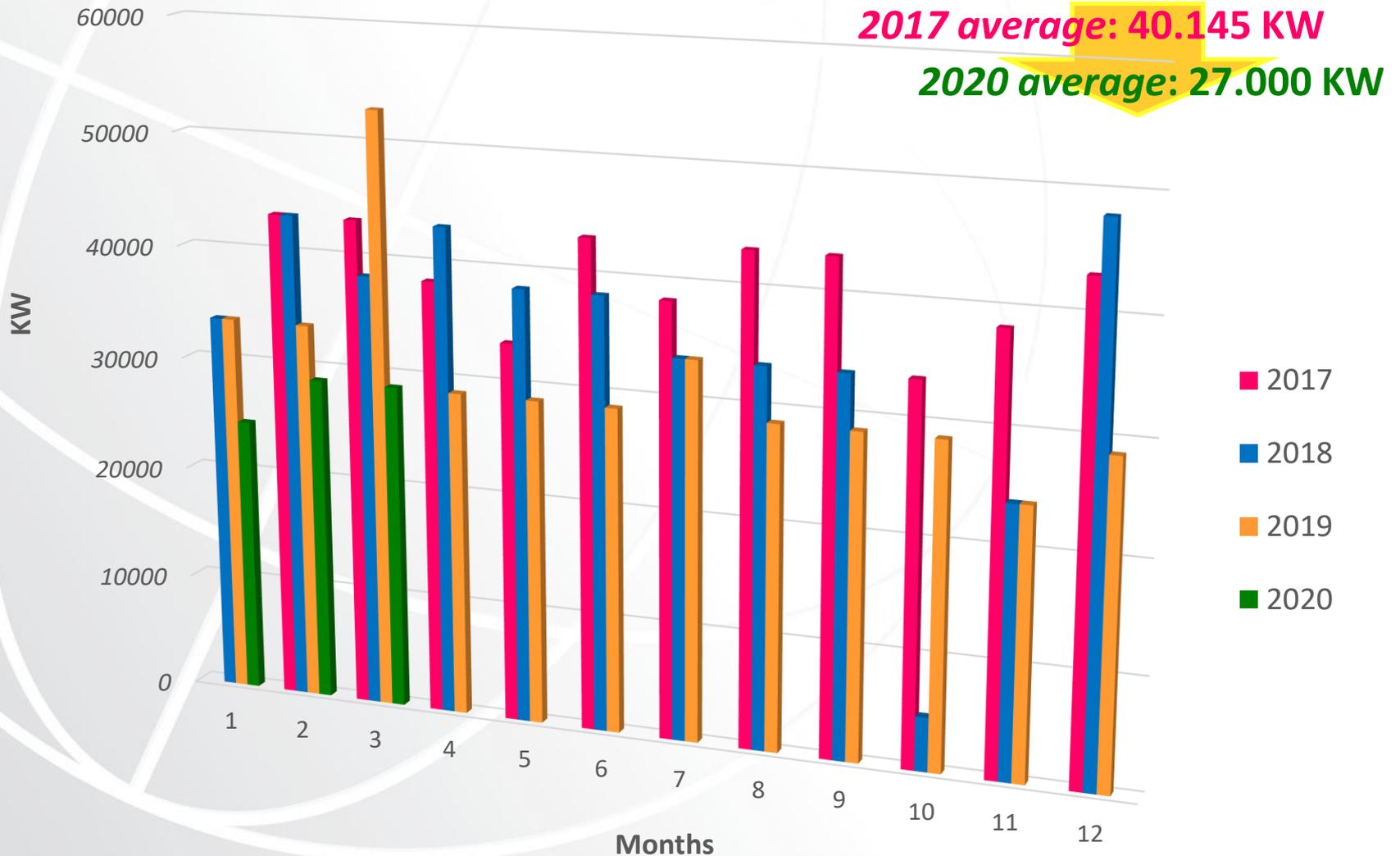
The replacement of the existing headlights in the yard of San Louis Potosi with LED headlights began in early 2019 and continued through the rest of the year to cover the entire area of the logistic center.

ANNUAL ELECTRICITY CONSUMPTION (KW)





COMPARISON OF MONTHLY ELECTRICITY CONSUMPTION





ACHIEVEMENTS

ECONOMIC

TECHNICAL

Costs saving

Safer workplaces

**Energy saving
(compared to halogen bulbs)**

Technical advantage

Increase the life-span of components

Lighting system components failure decrease

Quality improvement of lighting

Reuse of project material

LED lighting lasts longer

Environmental impact reduction

Less exploitation of energy resources

Continuous improvement

ENVIRONMENT



LONG TERM PLANNING

This **proactive approach to environmental management** allowed SICIM to reuse materials no longer required in a Project, *bringing several advantages, maximizing the re-use of resources and minimizing waste production.*

Consumptions and savings will be monitored over time and data will be analyzed in order to evaluate pros of this initiative.

The inventory and sorting of project unused materials shall become a standard operating procedure allowing our Company to adopt **good, ecological and safer methods.**

SICIM plans to extend this initiative and to implement it as a best practice at the end of each project, ensuring continuous improvement and enhancing environmental friendly policies.





CONTACTS



For additional information
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