



# Nifty Energy

COLOMBIAN COMPANY OF ENERGY EFFICIENCY  
AND DEVELOPMENT OF ENGINEERING PROJECTS



# Identification of Savings opportunities.



Energy and Power Quality meters



High efficiency gas motors y generators.



Gas and water meters



**Buildings with large energy consumption and other resources**



CCTV and intrusion systems



Advice on HVAC specification; management and control.



Control and management of electric motors; VFD



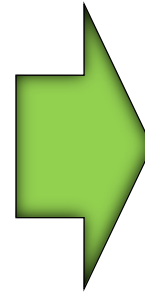
Automation systems: PLC, embedded systems and microcontrollers

# *Integration and development of applications for data management.*

*IoT (Internet of Things) systems by Nifty Energy, COL.*



*Administration and analysis of data in the cloud*



*IoT applications developed tailored to each building*

***Determination of the baseline of energy consumption.***

*We analyze the information to identify savings opportunities; rapidly impacting your electricity, water and gas consumption.*

***Access to information from any device connected to the internet.***

***Systems and equipment integration of each building***

*Generation of periodic reports*

# Value proposal



- RENTING advantages:**
- ✓ Low cost.
  - ✓ It does not affect the capacity of indebtedness.
  - ✓ Does not allocate investment resources.
  - ✓ The monthly canon is carried to the expense.
  - ✓ Guarantee of operation of the equipment.
  - ✓ Use of the latest technology equipment.



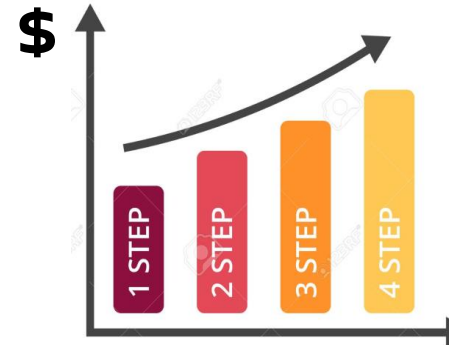
45 days

15 days

- Inspection Facilities
- Measurement of energy consumption.
- Review quality of energy.
- Characterization of equipment.

- Technical study.
- Financial Study.
- Minimum savings **project definition** at 10% min of savings

**QUICK**



Energy efficiency projects have a **short ROI return on investment.**

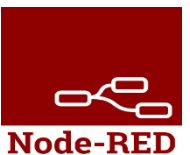
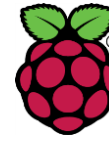
Analysis of tax incentives. **UPME - ANLA**

Permanent monitoring and free access to information.

Technical support for LEED Certification

Technical support for ISO50001 Standard

We have the ability to *integrate and develop cross-platform applications* based on free and private technologies of the *main suppliers of hardware and software systems for buildings and industry*: BMS (Building Management System), SCADA and air conditioning control systems.





# ¡THANK YOU!

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