

**ABRINSTAL – BRASILIAN ASSOCIATION FOR THE CONFORMITY AND EFFICIENCY OF INSTALLATIONS**

**Institutional Presentation**

**ABRINSTAL**

Associação Brasileira pela Conformidade e Eficiência de Instalações





# SUMMARY

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# About ABRINSTAL

- Non-profit organization, created in 2006
- Coordinates, represent and defends the installations sector interests in Brazil, representing the country in events and international forums
- Develop actions that help the conformity and efficiency of buildings installation
  - Electric
  - Hidraulic
  - Sanitary
  - Fuel gases
  - Prevention and combat to fires
  - Building automation
  - Eletronic security
  - Solar heating
  - Telecommunications

# About ABRINSTAL

## VISION

Transform the construction industry by promoting conformity, performance and efficiency of buildings installations

## MISSION

Increase the well-being and safety of the final consumer and society, fomenting ethics in relations and attendance of technical regulations and corporate management

# About ABRINSTAL

OUR MAIN ACTIVITIES

- **Coordenates the Brazilian comitee of Management and Saving of Energy- CB116**
- **Represents Brazil in TC301 (Management and saving of energy ISO 50.001)**
- **Coordenates BIP: Installers and facilities companies conformity evaluation system**
- **Promotes and spread the best praticies of the installations sector to the governement, press, NGOs and the civil society**
- **Arranges strategic events to the installations sector and promotes networking between professionals of the sector**
- **Performs projects: technical studies, planing, strategic evaluations and spread of information, linked to conformity and efficiency of installations**

# ABRINSTAL timeline

**2006 – ABRINSTAL is created – From Qualinstal activities**

**2008 – Execution of the first projects of Research, Development and Innovation (RD&I)**

**2011 – Begins to participate more in international activities that discuss standardization, such as ISO meetings concerning management and saving of energy**

**2013 – Becomes member of *World Plumbing Council* - WPC**

**2015 – CB116 is created, from ABNT, which is coordinated by ABRINSTAL**

**2016 – Participates as vice-chair from TC301 (ISO 50.001)**

**2018 – Agreement with Procel / Eletrobras  
- BIP release – Building Installation Performance**



# MAIN PROJECTS AND STRATEGIC ACTIONS



>Develops and keeps permanente actions with the market to qualify installation industries and monitorate the conformity and efficiency of the installations, ensuring the attendance of technical standarts, increase of quality and security, control of environmental impacts. The program includes:

- Certification of installers industries
- Monitoring of products used in buildings
- Evaluation of the competence of the professionals utilized
- Conformity seal of the building installations



## 2021 BIP SPONSORS







## MAIN PROJECTS AND STRATEGIC ACTIONS

## Management and Saving of Energy (2018–2021)

- Contract and agreement with Eletrobras – Procel
- CB116 – Nationwide and linked to Brazilian Association of Technical Standards– ABNT. Also acts in the international scope, by representing the country in pertinent forums to the International Standardization Organization (ISO)
- Operationalise the CB 116, promote the monitoring and participation in international standardization forums, maintain the connection between parties, identify new priority standards and elaborate recommendations to works in the normative and regulatory fields, encouraging the initiative and experience sharing in the sector.

## TC301 (2016– 2021)

- Technical Manager Board (TMB) from ISO appointed Alberto Fossa, executive director of ABRINSTAL, as vice-chair of TC301. The committee addresses management and saving of energy, it is formed by a representative from Brazil, China and is led by the USA.

# MAIN PROJECTS AND STRATEGIC ACTIONS

## Management and Saving of Energy

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# MAIN PROJECTS AND STRATEGIC ACTIONS

**PD&I**  
PESQUISA, DESENVOLVIMENTO E INOVAÇÃO



## TECHNOLOGIC INNOVATION AND RD&I

- Develops and maintains support programs to new products and technologies related to installations , promoting technical analysis, consulting in the regulatory basis and the utilization of it.
- Instigate the approximation of installer industries, designers, architects, constructor, academia and research centres, aiming to the development of a robust market, that enables the progress in quality of infrastructure in buildings.

# MAIN PROJECTS AND STRATEGIC ACTIONS

## Sector Awards – MASTERINSTAL

- Biggest award event in the facilities sector
- Encourages research and innovation
- cases that integrate the main representatives of the market: manufacturers, contractors, service concessionaires and installers.



# MAIN PROJECTS AND STRATEGIC ACTIONS

## Capacity and training

- Disseminate knowledge and foster the discussion of themes associated to the efficiency and conformity of the fuel gases, electric, water, sewage, solar and many other facilities.
- Workshops – Are held at least three times per year to present the innovations of the installation areas: fuel gases, electric, water, sewage as well as the facilities forum.
- Since 2011, ABRINSTAL promotes the Management and Saving of Energy Forum, with the objective of spreading information and debating issues related to the energetic efficiency in the residential and industrial fields.

# MAIN PROJECTS AND STRATEGIC ACTIONS

## Standardization and sectorial markers

- Establishes and manages the strategic plans of standardization in the installation sector. Also sets and publishes price and quality indicators that are benchmarks to the decision making of the market.

## Regulatory tracking

- Follows and participates of the evolution of regulatory themes associated with the installation sector (standards, laws, technical regulation etc) in the national, statewide e municipal scopes as a way to guarantee the spread of informations, easing the understanding of the law.



# STRATEGY

with institutions

- > Institutional relationships and participation with **GOVERNMENT** groups
  - Solar law regulation commission
  - MME (Ministry of Mines and Energy) – GT Edifications
  - ELETROBRAS (Procel) – CT Edifications
  - MDIC (Ministry of Development, Industry and Commerce) – Technical Committee to label efficient buildings
  - INMETRO – Technical Committee to certificate people
  - INMETRO – Technical Committee of the evaluation program of civil construction professionals
  - ABNT – Study commissions associated to installations

# INTERNATIONAL HIGHLIGHTS

## ➤ Institutional Relations with **INTERNATIONAL** institutions

- **IAPMO – International Association for Plumbers and Mechanical Officials**
- **WPC – World Plumbing Council**
- **NFPA – National Fire Protection Association**
- **ISO – International Standardization Organization**
- **UNIDO – United Nations Industrial Development Organization**

# OUR PARTNERS

> We count on the participation of associates and supporters, which are strategic for the installation segment:

- ABRASIP
- IEE/USP
- Secovi
- Sindinstalação
- SindusCon-SP
- Installations representative
- Designers representative

# OUR SUPPORTERS

## > Who supports us:

- Abegás
- ABAGAS
- ABRASIP
- Sindratar
- Eluma
- Vanzolini
- ICA-Procobre
- Tecnisa
- Termomecanica
- Abrava
- GLP
- Sindinstalação
- Cobrecom
- Lubrizol
- RINNAI
- Bermad
- Comgás
- Ultragaz
- Cordeiro
- Abracopel
- Sindicel
- ABNT
- Tupy
- TUV
- GNF
- Sabesp
- Sindigás
- SindusCon
- Deconcic
- Tigre
- ABPP
- Jackwal
- ABRAMAT
- SENAI
- ABRAFAC
- Eletrobras
- Secovi
- IEE / USP
- Techem
- WDB

# WHY BECOME A PARTNER?

To face the challenges in the construction of a sustainable infrastructure that provides well-being and reliability to the final consumer and the society. Minding the precepts of ethics and meeting the technical and management regulations related to the installation sector.

Potential gains in each category:

- **Designer**— More recognition and participation in the market by involving him or herself with more trustworthy projects.
- **Installers**— More trust from the client in your services, resulting in the increase of sales and more participation in the market in function of your qualification.
- **Specialised labour** – Increase in employability, possibility of a bigger participation in the market in function of you qualification.

# WHY BECOME A PARTNER?

- **Product manufacturers**— Increase in the consumption due to the demand of installation adequacy services and the request by the market for quality products.
- **Constructors** —Reliability in the warranty offered to the client in regards to the installations in the construction, offers of facilities with warranty to the client.
- **Insurance companies** — Decrease in the compensations of accidents in installations, reduction in insurance premiums in function of the warranty of quality installations.
- **Utility companies**— Guarantee of offering your product with reliability, guarantee of no rework after calling the client, decrease in safety risks to the final consumer, increases in the efficiency of use of services, decrease in compensation to the final users, decrease in emergency assistance.



# WHY BECOME A PARTNER?

- **Regulatory agencies** – Standardization in the criteria for products and public agencies services.
- **Class associations** – Better representation of the interest of the associates.
- **Bank (financing)** – Optimization of the invested capital by the reduction of risks.
- **City hall** – Safety to the citizen, instruments to the demand of safe installations, decrease in security risks to the community
- **Conformity evaluation agencies** – New niche of opportunities, more participation in the market due to the demand of society for more reliable and trustworthy projects.

**Thank you**

**Alberto Fossa**

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