

# Discover IFAT Brasil

#### **April 24th – 26th, 2024** 1pm – 8pm | São Paulo Expo | SP



IFAT Brasil - Brasil's Leading Trade Fair for Water, Sewage, Drainage and Waste Recovery Solutions.

ifatbrasil.com.br

### IFAT Brasil 2024: Reference in environmental technologies and solutions for your business.

Since 1966 IFAT has been starting its history as the world's leading trade fair for environmental technologies in Munich, Germany. Today there are over 8 IFATs around the world and a total of 11 leading events in the portfolio bringing together a worldwide representation with visitors from over 155 different countries and exhibitors of over 59 nationalities. The largest network of environmental technologies in the world in 2024 expands its portfolio and creates a milestone to leverage the market for environmental technologies in Latin America.

#### IFAT Brasil builds the bridge between Exhibitors and Visitors

#### Good reasons to exhibit

- Quality Assurance: Shared experience in creating events for the industry through the IFAT Munich with over 50 years of experience
- Internationalization: IFAT Brasil connects you to IFAT worldwide which connects you to the world's leading environmental technology network
- Business: Platform created specifically to involve all the stakeholders present in the development of business for environmental technologies, from financial instruments to regulatory agencies
- Theme: IFAT Brasil is consolidated as the fair with a complete theme of the environmental technology sector for the regional market, becoming a one-stop show with attractive contents and solutions that the visitors are looking for
- Qualification and Attractiveness: IFAT Brasil provides an environment of content innovation and real experiences of companies, showing technology applications and results, attracting qualified audience, and providing a higher rate of conversion into business.

#### Good reasons to visit

- Quality Assurance: The IFAT network has over 50 years of experience shared in ensuring the quality of the visitor experience
- Internationalization: IFAT Brasil connects visitors to the IFAT network with information and details of all representatives to ensure their visitation in all our fairs and events around the world
- Business: IFAT Brasil is seeking the best technologies throughout Latin America for the exhibition, along with the support of intelligence institutions, providing a relationship between all stakeholders to develop business and provide the best solutions for your needs
- Theme: IFAT Brasil has the complete range for the environmental technology sector, making your visit an unique way to find all the solutions for your business, from the beginning of the water use to the most refined process of effluent, wastewater treatment and waste solutions
- Qualification and Attractiveness: IFAT Brasil provides a content platform dedicated to technology results and applicability in your business, making your experience more profitable in direct contact with the exhibitor



With 11 leading events in the portfolio, IFAT worldwide is the largest environmental technology network in the world

Find out more: 🌐 ifat.de/worldwide

### What to expect from IFAT Brasil 2024



+10,000 sqm of area

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Qualified exhibitors for the demands of the region.



Visitation shared with M&T Expo part of bauma network, Latin America's leading trade show in Construction and Mining



Qualified visitors for generating business



+15 themed congress panels



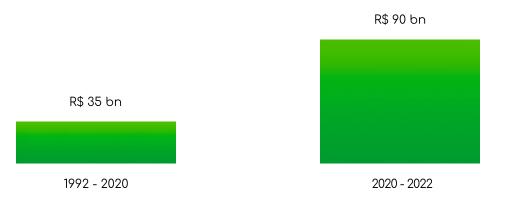
Innovation Pavilion in partnership with ISLE Utilities for innovation incubation in the sanitation sector and investment round



International and local partnerships to strengthen the representation of theme and qualify attractive content for visitors

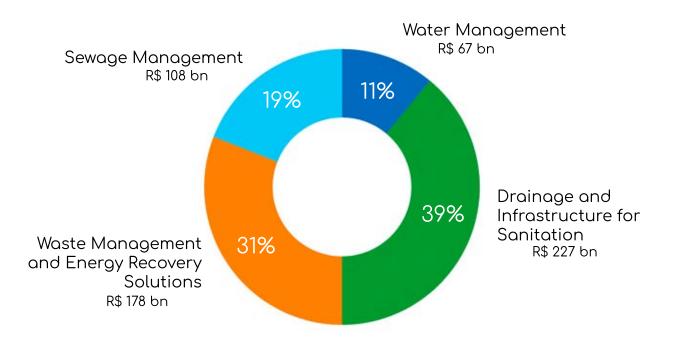
# The market of the present and the future for Brazil

History of external investments in sanitation



IFAT Brasil has sectors for all the solutions and opportunities of the growing market for environmental technologies in Brazil

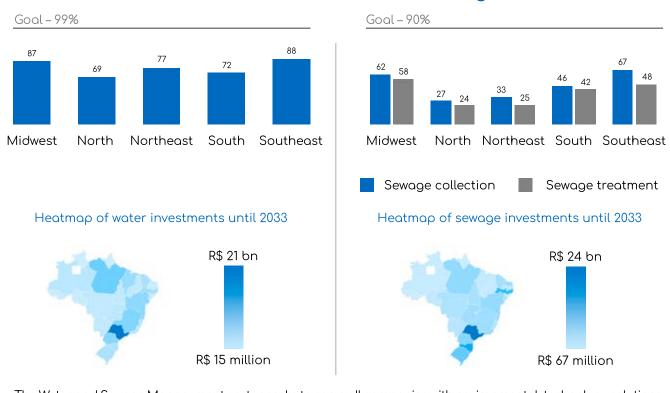
Investments destination (%) forecast per sector until 2033



# IFAT Brasil connects you in the most complete way to all cycles, from the beginning to the end, in a single place

rce: Investments (BNDES, IDB and IBRD transparency database, 2022); Population Growth (IBGE - Brazilian Institute of Geography and Statistics, 2018); Public Spenc (SNIS - National Information System of Sanitation, 2021); Results: MM-BR, 2022

### Water and Sewage Management Sector



The Water and Sewage Management sector seeks to serve all companies with environmental technology solutions to develop the current market to the goals of the future according to the investment projections, exploring all market trends

#### Market Trends

- Management of water loss
- Increase effluent collection and inspection aiming to reduce illicit connections
- Energy efficiency in sewage treatment, pumping systems and air diffusion

Increasing the efficiency of chemicals in the treatment

Sewerage Services %

- Increase primary physical treatment efficiency
- Digitalization and Analytical Instrumentation, operational management improvements

### Visitor target groups

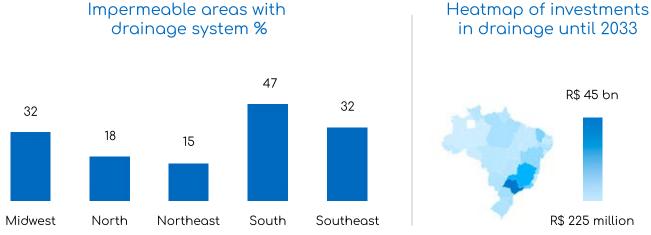
- > City hall and municipalities representatives
- City, State and Federal Secretariats
- Watershed Committees
- Regional Blocks Administration
- Planners and professionals from the third sector
- Private Sanitation Operators
- Residential Sanitation Operators

- > Agencies and regulatory entities
- Startups, Academic and Innovation Enthusiasts
- Cleantech and Greentech Financial Instruments
- Diverse private industry with high water demand and wastewater effluents
- Incorporators and civil sector of infrastructure for sanitation (shared visitors with M&T Expo)
- Mining operators

Source: Investments (BNDES, IDB and IBRD transparency database, 2022); Population Growth (IBGE - Brazilian Institute of Geography and Statistics, 2018); Public Spending (SNIS - National Information System of Sanitation, 2021); Results: MM-BR, 2022.

#### Water Services %

## Drainage and Infrastructure for Sanitation Sector





in drainage until 2033

As wastewater management moves forward, major work begins since each infrastructure requires specific equipment and services to ensure drainage during installation and operation.. The Drainage and Infrastructure for Sanitation sector seeks to connect the sector's solutions with market opportunities and trends.

### Morket Trends

- Sanitation of urban rivers
- Increase use of rainwater
- Decrease the need for treatment with physical primary steps in rainwater harvesting
- Drainage of construction sites and impermeable paving
- Implement infrastructure and drainage 1 systems in areas of intense conurbation

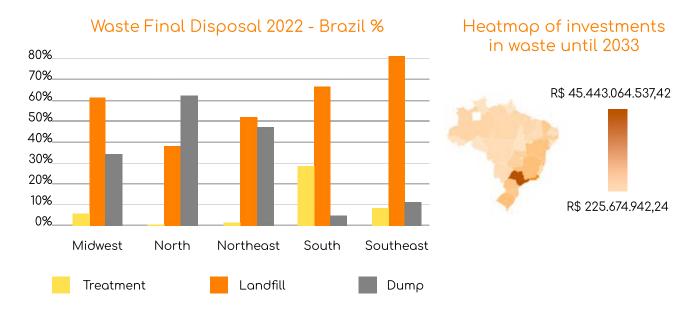
### Visitor target groups

- City hall and municipalities representatives
- City, State and Federal Secretariats
- >> Planners and professionals from the third sector
- City Drainage Operators
- Agencies and regulatory entities
- Startups, Academic and Innovation Enthusiasts

- **Cleantech and Greentech Financial Instruments**
- Private operators of infrastructure constructions for sonitation services
- Pavement and Infrastructure Sector (shared visitors with M&T Expo)
- Incorporators and civil sector of infrastructure for sanitation (shared visitors with M&T Expo)

Source: Investments (BNDES, IDB and IBRD transparency database, 2022); Population Growth (IBGE - Brazilian Institute of Geography and Statistics. 2018): Public Spending (SNIS - National Information System of Sanitation. 2021): Results: MM-BR. 2022

# Waste Management Sector



IFAT's global goal is to establish a circular economy by 2050. Waste Management and its market trends are heading towards the same destination, and this sector seeks to bring the best solutions to incorporate environmental technologies into market opportunities

### Market Trends

- 🖡 Circular Economy
- Increase logistical efficiency
- Reduce emissions from landfills and increase reuse of substrates

- Implement and increase the recycling and reuse chain
- Developing the applicability of new waste treatment and raw material recovery

### Visitor target groups

- City hall and municipalities representatives
- City, State and Federal Secretariats
- Regional blocks teams for waste services
- Private waste service operators
- Agencies and regulatory entities
- Collection and waste transport private operators
- Incorporators and civil sector of infrastructure (shared visitors with M&T Expo)

- Waste final disposal management operators
- Startups, Academic and Innovation Enthusiasts
- Cleantech and Greentech Financial Instruments
- Urban cleaning operators
- Residential and industrial operators of special waste
- Operators and developers of solid waste management from civil construction
- Diverse private industry of recyclable raw material consumption and waste generation

Source: Investments (BNDES, IDB and IBRD transparency database, 2022); Population Growth (IBGE - Brazilian Institute of Geography and Statistics, 2018); Public Spending (SNIS - National Information System of Sanitation, 2021); Results: MM-BR, 2022

## **Energy Recovery Solutions Sector**

#### Brazilian National Plan for Solid Waste

2%	4%	5%	7%	8%	10%	12%	13%	15%	16%	18%	19%	21%	22%	24%	26%	27%	29%	30%	32%	34%
0%	1%	3%	4%	5%	6%	7%	7%	8%	8%	9%	10%	10%	11%	11%	12%	12%	13%	14%	14%	15%
58%	65%	72%																		
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Within the global goals of IFAT, the strengthening and encouragement of the market for energy recovery from waste is aligned with the beneficial use regarding its direct disposal and contribution to the balance of greenhouse gases. The emerging market of the sector is advancing rapidly in Brazil and this sector seeks to show the best solutions available in the market with feasible applications for regional opportunities

#### Market Trends

- Massburning, thermal treatment and energy recovery from dry sewage sludge, waste and biomass
- Blending and co-processing for clinker ovens
- Biomethane and fertilizer liquid generation from reuse process
- Techniques and equipment to enable the energy recovery from waste
- Biogas generation through biodigesters

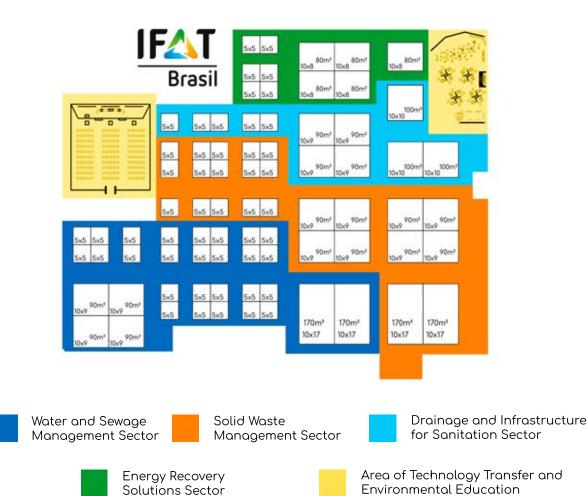
### Visitor target groups

- City hall and municipalities representatives
- > City, State and Federal Secretariats
- > Regional blocks teams for waste services
- > Designers and third sector professionals
- > Private waste service operators

- >> Startups, Academic and Innovation Enthusiasts
- > Cleantech and Greentech Financial Instruments
- > Agencies and regulatory entities
- Production sector of organic assets with high decomposition content
- Manufacturing industry thermal users that can be replaced by calorific power from waste

Source Planares , 2021

# Discover IFAT Brasil



Specialized congress with over 15 panels during the fair and 16 hours of technological exchange and qualification

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- Innovative Technologies
- Best practices international cases with small ecological footprints and small losses
- Financial intelligence best funds for environmental technologies
- Carbon storage and the carbon cycle on the ESG platform for sanitation projects
- Automation and software development carbon and energy blockchain
- International projects for waste recovery
- Smart money initiatives, IPO and investment funds for ESG
- Design of regional blocks and basic engineering plans for sanitation auctions
- Successful Social Projects with high efficiency
- Energy Efficiency Solutions through environmental technologies -Presentation of implemented cases

# Schedule

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Does your company have the solutions that can transform the Brazil of the future into the Brazil of the present?

For further information, please contact

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Scan the QR Code to access our website







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