

iMisff[®]

7101

Product of Viet An Group Company

Automatic, Continuous Emission Monitoring Station

Fully complies with current regulations

CODEL
A Forbes Marshall Company

PSG Perfect Sample Gas

gasmet

envea
KNOWLEDGE IN ACTION

SIEMENS



Viet An[®]
Group

Market Leader in Online Monitoring for Environment

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Why do we have to monitor emissions?

In various industrial production processes, exhaust gases stemming from fuel combustion, organic matter incineration, or solid waste burning are channeled into the atmosphere via factory stacks. These emissions include critical pollutants such as **CO, NO, NO₂, SO₂, HCl, CH₄, O₂, H₂O, CO₂, NH₃, H₂S and particulate matter (dust)**. The introduction of these components leads to severe air quality degradation.

The regulatory landscape, as defined by **Circular 10/2021/BTNMT** on continuous and automatic emission monitoring stations, mandates strict adherence. All businesses and manufacturing plants whose operations generate air-polluting emissions are required to implement continuous, automatic environmental monitoring systems.

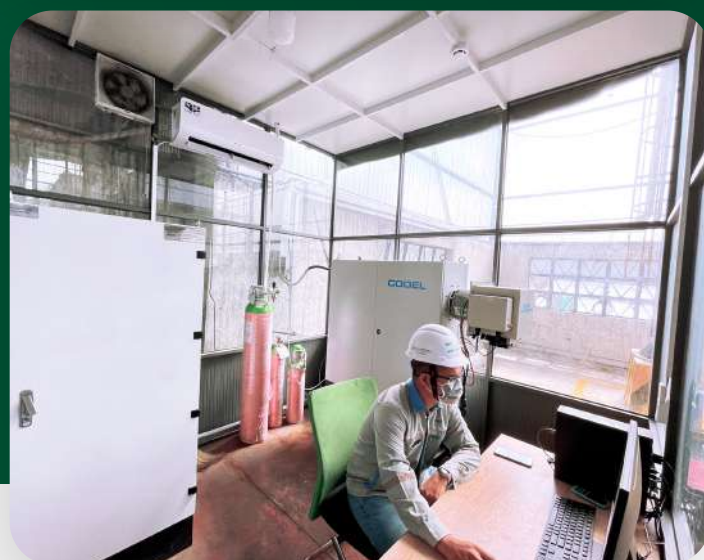
iMisff7101

The Continuous Emission Monitoring System (CEMS) is a comprehensive solution comprising equipment designed to continuously measure and monitor mandatory parameters in exhaust gases, as stipulated by state regulations.

The system transmits monitoring data in real-time to the management center (Department of Agriculture and Environment) to support state environmental protection management efforts. The iMisff 7101 fully complies with the requirements of Circular 10/2021/TT-BTNMT.

Two primary measurement methods used in emission monitoring stations:

- **IN-SITU:** Monitoring equipment is directly installed on the chimney stack to measure parameters without the need for sampling tubes or gas conditioning.
- **EXTRACTIVE:** The emission gas sample is extracted from the chimney stack using a sampling probe and is then transported through a heated sample line to the analyzer for measurement.



Monitoring Parameters



Standard: Flow, Temperature, Pressure, Total Particulate Matter (Dust), Excess O₂, SO₂, NO_x & CO.



Expand: HCL, NH₃, H₂S, these extended parameters are monitored depending on the type of production, scale, characteristics of the emission source, and specific requirements from the competent state authority.

Applications of iMisff7101

- Emissions monitoring in hazardous waste incinerators, household waste incinerators for power generation (WTE).
- Emissions monitoring in boilers, oil-fired heat transfer furnaces.
- Emissions monitoring in cement, steel, paper, mining, and metallurgical plants.



Core Equipment Inside the iMisff7101 Monitoring Station

Flue Gas Flow Monitor- VCEM5100

CODEL - United Kingdom

Integrated auto zero and auto span according to US EPA standards and automatic pneumatic cleaning.

- **Measuring principle** : Non-contact infrared absorption correlation
- **Measurement range** : 0-50m/s
- **Resolution** : 0.1 m/s
- **Accuracy** : +/- 2% of reading value
- **Drift** : 0.1 m/s / month



Opacity/Dust Monitor - DCEM2100

CODEL - United Kingdom

It features a Compressed air cleaning mechanism, 1 litre/sec @ 4bar maximum. Automatic valve closure during power failure or compressed air loss and automatic zero point and span calibration.

- **Measuring principle** : Dual – pass transmissometer, Transmit and receive signals simultaneously on 2 sensors
- **Measurement range** : 0-5000 mg/m3 (option to change the measurement range)
- **Resolution** : 0.1 mg/m3
- **Accuracy** : 0.2 % opacity
- **Drift** : < 1% opacity/month



GCEM40E Gas Analyzer (Extractive)

CODEL - United Kingdom

The device is capable of automatically diagnosing installation errors as well as contamination of optical lenses and low maintenance costs because of the principle of non-contact measurement

Channel SO₂, NO, NO₂, CO

- **Measuring principle** : Infrared photometer
- **Measurement range** : 0 - 6000 mg/Nm3
- **Resolution** : +/- 1 ppm
- **Accuracy** : +/- 2 ppm or 2% FS
- **Drift** : +/- 2ppm or 2%FS

Channel O₂

- **Measuring principle** : Zirconia
- **Measurement range** : 0.1 - 25%
- **Resolution** : 0.1% O2
- **Accuracy** : +/- 0.5% O2



HOT-WET Sampling Method)

40 Series Gas Analyser (In-Situ)

CODEL - United Kingdom

Install directly on the chimney, no need for accessories such as sample extractors, sample extractors. Automatic periodic, zero calibration and calibration using calibration gas.

Channel SO₂, NO, NO₂, CO

- **Measurement range** : 0 - 6000 mg/Nm3
- **Resolution** : +/- 2 mg/Nm3 or 2% FS
- **Accuracy** : +/- 1 mg/Nm3
- **Drift** : +/- 2 mg/Nm3 or 2%FS

Channel CO₂, H₂O

- **Measurement range** : 0 – 25%
- **Resolution** : 0.5% or 2%FS
- **Accuracy** : 0.1 %
- **Drift** : 0.5% or 2%FS



Contact us to maximize your investment.

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Core Equipment Inside the iMisff7101 Monitoring Station

Temperature Measuring Equipment - SITRANS TS500

SIEMENS - France

- **Measuring principle** : RTD resistance according to IEC 60751.
- **Measurement range** : 0-200 °C.
- **Resolution** : 0.1 °C.
- **Accuracy** : 0.5 °C.
- Direct installation on the chimney/stack.
- The device features an optimized 4-wire design to eliminate errors, ensuring high accuracy.
- The probe (or measuring head) has a special design that can withstand strong vibrations.



Pressure Measuring Equipment - SITRANS P200

SIEMENS - Switzerland

- **Measuring principle** : Ceramic membrane
- **Measurement range** : -100 to +100 mbar
- **Resolution** : 0.1 mbar.
- **Accuracy** : 0.50.
- Operates reliably under vacuum pressure.
- No abrasion/corrosion
- Direct installation on the chimney/stack.



System for receiving, transmitting, and managing data ENVIDATA 1801

INVENTIA - POLAND

- **Power supply** : 10.8-30 VDC (12/24 VDC)
- **Input** : 16 Digital Input - 6 Analog Input (4-20mA)
- **Output** : 12 Digital Output
- **Communication port** : Modbus RTU (RS232/RS485), Modbus TCP, M-BUS, SNMP
- **Transmission method** : FTP, GPRS/UMTS/HSPA+/LTE, SMS, E-mail
- **Display screen** : LED



Electric cabinet iMisff 7101

VIET NAM

The iMisff 7101 electrical cabinet functions as the central distribution and control hub for devices within the continuous automated emission monitoring system.

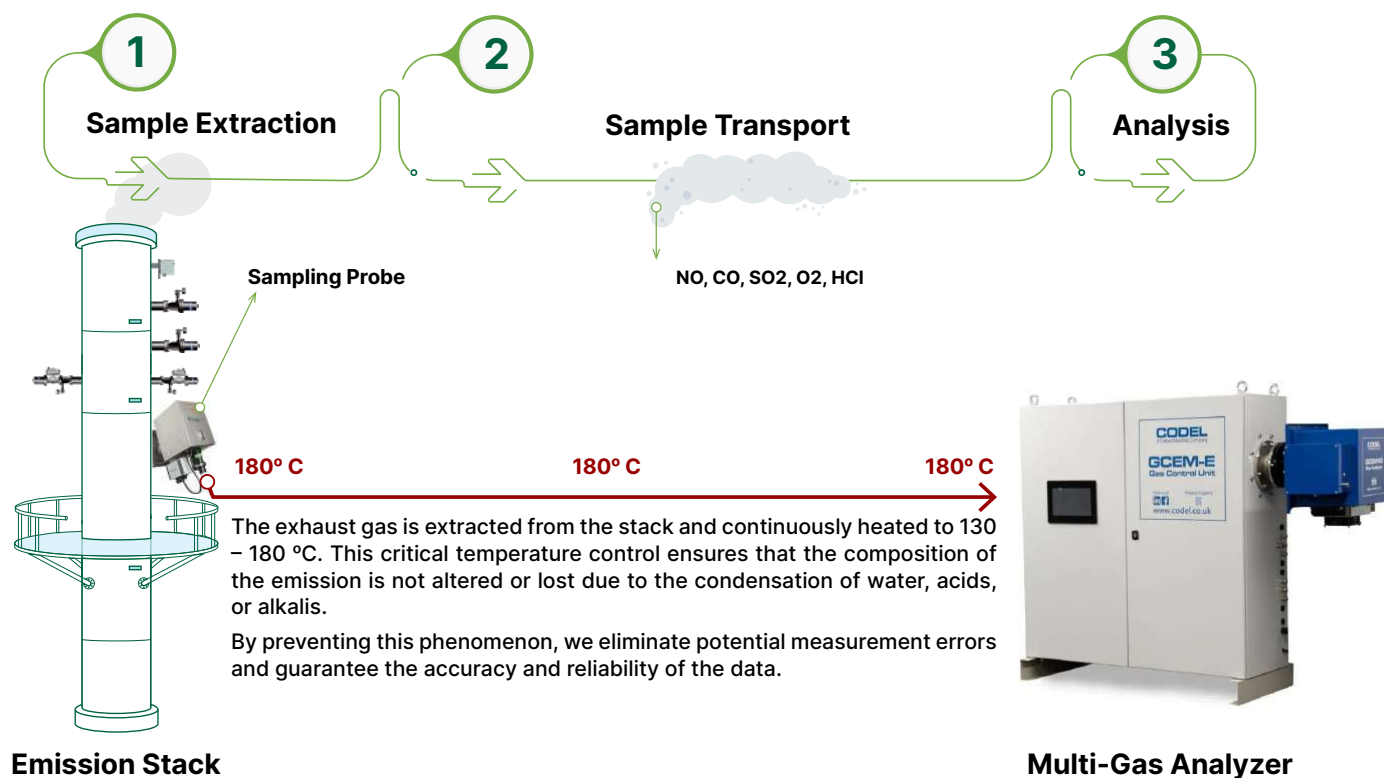
- **Dimensions** : 600Wx1500Hx650D mm
- **Material** : 1.5 mm thick steel, powder coated Ral 6024 color
- **Type** : Stand, indoor
- **Weight** : 160 kg



The HOT-WET Sampling Method

The "HOT-WET" technology represents an advanced method for hot extraction of exhaust gas samples. In this process, the gas sample is extracted directly from the stack and continuously heated to temperatures ranging from 130-180 °C. This ensures the sample remains in its gaseous (wet) state as it is transported to the analyzer.

The analysis is performed using Non-Dispersive Infrared (NDIR) technology to precisely measure key parameters, including: CO, NO, NO₂, SO₂, HCl, CH₄, O₂, H₂O, CO₂, NH₃, H₂S

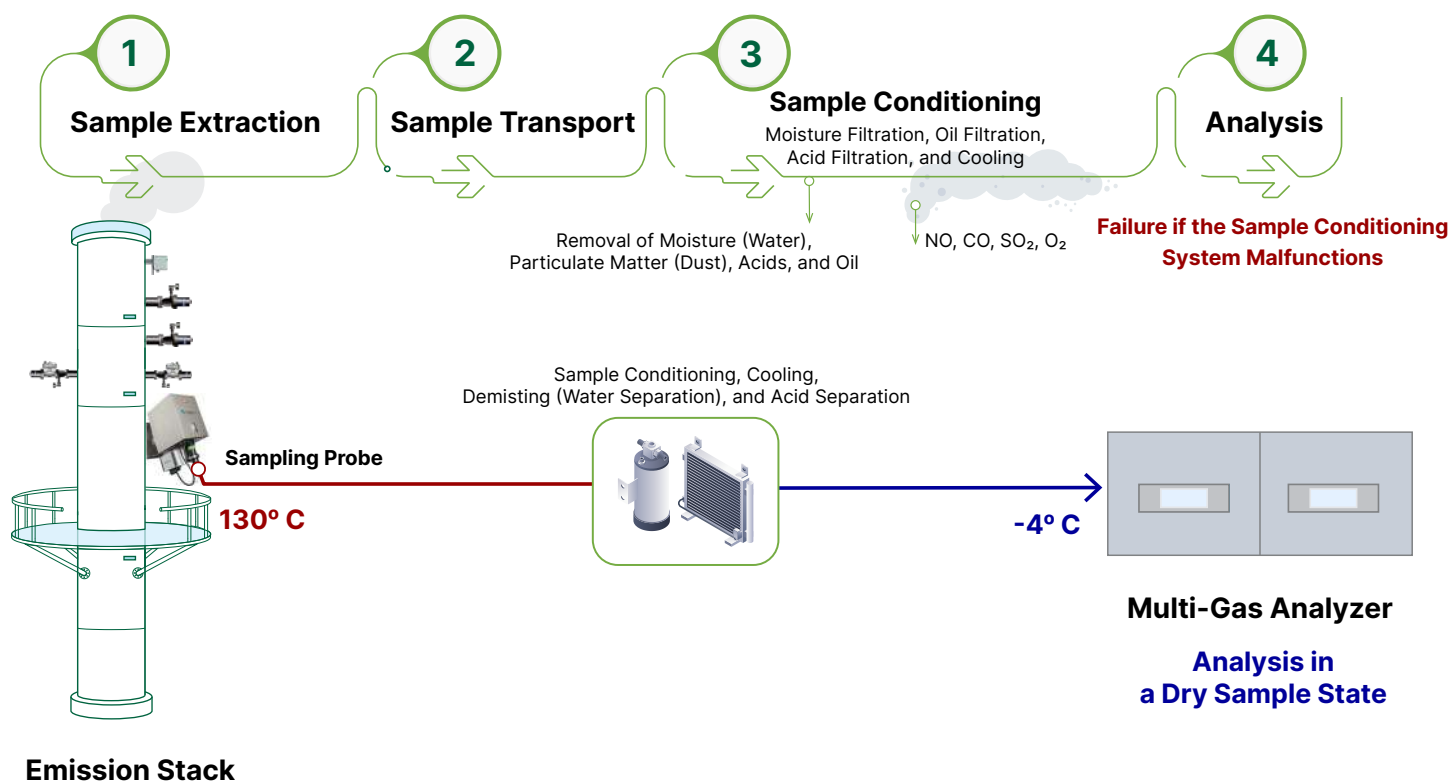


Key Features of the iMisff7101 HOT-WET (CEMS)

- Designed to operate effectively in **extreme weather conditions** without compromising equipment functionality or operational status. This is particularly crucial for applications like **waste incinerators**, where emission contains high concentrations of acids.
- Specifically capable of measuring **HCL**, a mandatory parameter stipulated in key regulations such as QCVN 30 and QCVN 61, and essential for the waste incineration sector.
- The system remains unaffected by malfunctions or upsets in the facility's main emission treatment system.
- Unaffected by moisture content.
- The method prevents system corrosion caused by acid condensation.
- The entire CODEL system can be serviced and repaired locally in Vietnam by Viet An's engineers.
- Features a factory-integrated safety system provided by the manufacturer (CODEL)



The COLD-DRY Sampling Method



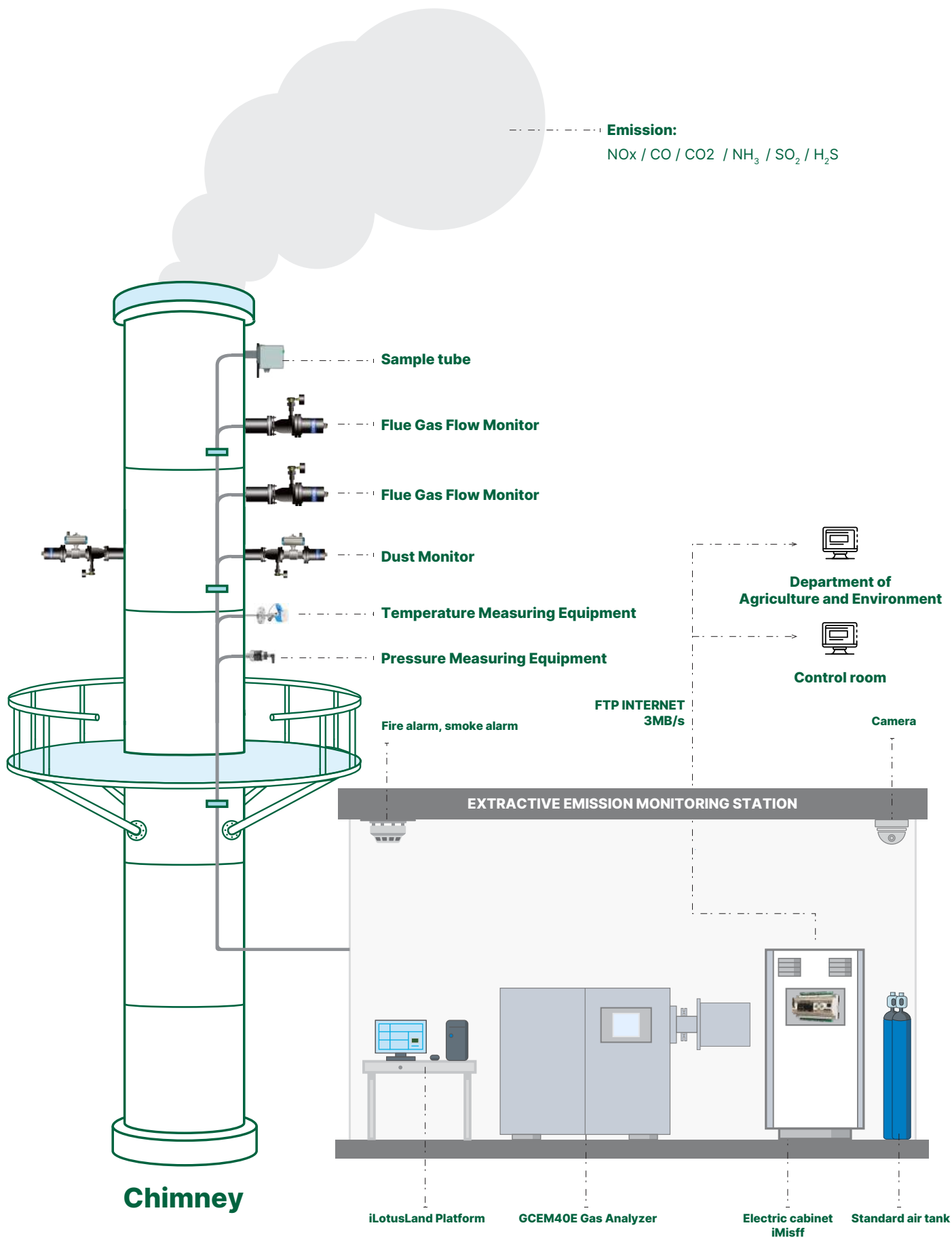
Comparison of HOT-WET and COLD-DRY Methods

Applications in high-corrosion environments such as the Fertilizer industry, Waste Incineration plants, and Chemical factories.

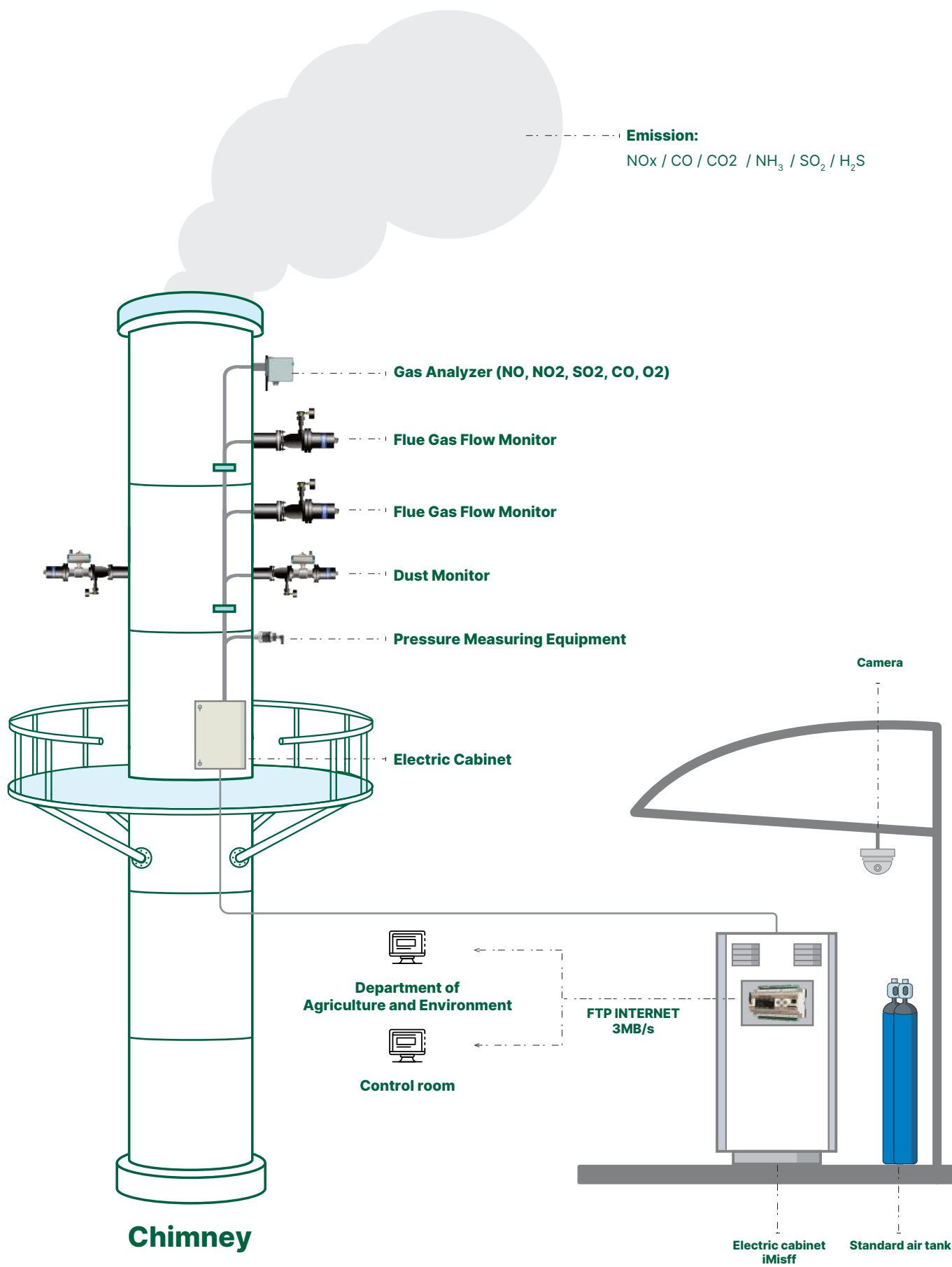
	COLD-DRY	HOT-WET
Advantages	Low investment cost	- Ensures complete removal of moisture before entering the analyzer. Prevents condensation into corrosive solutions, increasing the lifespan and durability of the analyzer. Suitable for high-corrosion environments such as the Fertilizer and Waste Incineration sectors. Capable of directly measuring gases like HCl, HF, NH₃. → System lifespan exceeding 10 years.
Disadvantages	- High costs for maintenance and spare part replacement (for the Cooling System). - Cannot measure NO₂, requiring the purchase of an additional Nox conversion module. - NH₃, HCL, and HF gases are partially dissolved in the condensate and expelled from the system when suddenly cooled.. → NH₃, HCl, and HF cannot be accurately measured. - System corrosion due to acid condensation and insufficient sample conditioning, leading to pipeline deterioration and damage to the analyzer's measurement cell System lifespan is often less than 3 years.	High investment cost



iMisff7101ET (Extractive) overview



iMisff7101IN (In-Situ) overview





Data Monitoring and Management Solution



iLotusLand Vietnam Joint Stock Company is a subsidiary of Viet An Group, specializing in providing environmental monitoring and management software solutions on Web and Mobile platforms (Android, iOS...). Our USP: Combination of software development, environmental monitoring, and connectivity engineering.

Officially deployed since 2014, iLotusLand has connected more than 1000 monitoring stations, serving over 600 FDI factories (Coca-Cola, Orion, EVN Genco, Formosa Ha Tinh, Vedan, Acecook, etc.), industrial zones (Amata Dong Nai Industrial Zone, VSIP 1,2, 2A Binh Duong Industrial Zone, Saigon VRG Industrial Zone, Protrade Binh Duong Industrial Zone, etc.).

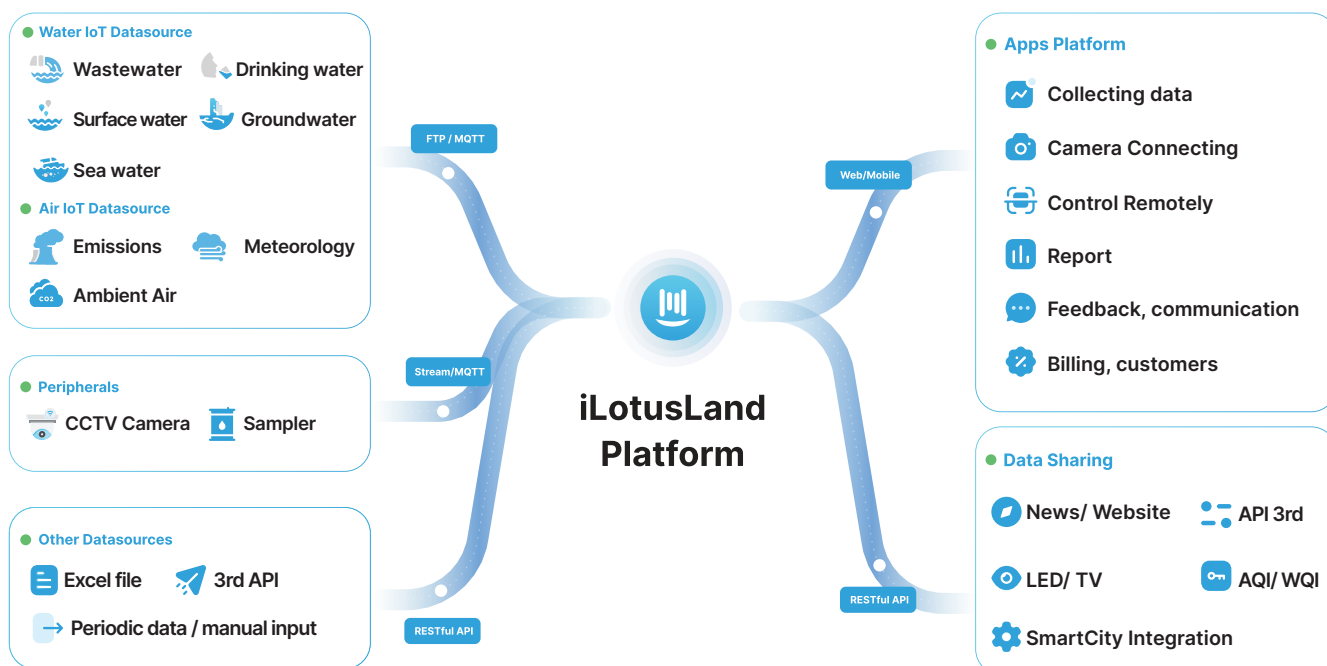
And environmental management agencies of the state: Over 30 Department of Agriculture and Environment in Hanoi, Ho Chi Minh City, Quang Ninh, Binh Duong, Binh Dinh,...



Third-Party Platform Connecting ALL INSTRUMENT BRANDS

Until now, iLotusLand has exported software to more than 20 markets, including **Myanmar, Cambodia, Malaysia, Singapore, Indonesia, the Philippines, Bangladesh, India, Pakistan, Mongolia, the UAE, Egypt, Ukraine, South Africa, Brazil, Peru, Ecuador, Bahrain, Saudi Arabia, Kuwait, and Thailand.** Positioning as a pioneer in industrial IoT platforms, iLotusLand aims to expand to the international market.

System Architecture





Specifications iLotusLand Platform

WEB PLATFORM	
Dashboard	- Statistics according to data status (exceeded, tend to exceed, good) and connection status (online / offline) - Monitor the chart form - Support widgets: Camera, notification, overview data - Warning by sound and color on the control panel
Map	- See the measurement point/location of the station on the map. - See the data status and devices status of the measurement/station on the map - See the latest parameters of the measurement/station on the map
Camera	- See all cameras of the stations that are managed or filtered according to the type of station, the name of the station. Zoom in the camera to see the details
Data analysis	- Average data (1 hour, 8 hours, 1 day, optional period) - The maximum value, the minimum value
Look up data	- Look up the original data of stations in management units, stations, stations, time (24 hours, 7 days, 15 days, 30 days, within), parameters, filter beyond threshold, data type (Original data, valid data, invalid data) - Export Excel file data according to search options - See lookup data in the form of charts - Add/delete data filters - Access and quickly view data filters - Filter data according to QCVN, eliminate error data
Share and integrated	- Share API - Share data with FTP protocol
Incident management	- Automatically create ticket when there is a problem in the system - Receive notifications, interactive problems - Report problem - Options for incidents, expanding archives
Send warnings	- Send alerts via email, SMS, mobile app, web or webhook - Send a lot of warning with different levels, many different user groups - Look up history to send warnings
Report	- Report the collected data ratio - Average 24 -hour monitoring data report - Average 1 hour monitoring data report - Report the maximum monitoring value of 1 hour on average - Report the maximum monitoring value of 8 hours - Report data ratio exceeding the threshold - Data status assessment report - Report data in excess of the threshold
MOBILE PLATFORM	
Data monitoring	- Statistics of data status, connection status (lost connection, device error, calibration, good) according to the total number of stations and each type. - Display data as line graph, column chart by time, by date
Monitor Camera	- Online monitoring camera of the monitoring station
Map	- Monitor the location of the stations on the map, distinguish the state (exceed the threshold, prepare to overcome, good, equipment error, calibration) by color
Get warning	- Receive warnings exceeding the threshold, device error, calibration or stations lost connection
News	- Share photos, posts - Interactive comments
Incident management	- Receive notifications, interactive problems - Comment on incidents - Attach images and documents for each incident
Data analysis	- Display analytical charts by parameters of each station type - Filter by station type, and parameters
Management of records, operating documents, maintenance of equipment for equipment	- View photos and store documents related to the station - Manage the folder of documents - Sync with the web platform
Security	- Login with fingerprint/Face ID & two -step authentication



COMPREHENSIVE MAINTENANCE

for Your Equipment Throughout Its Lifespan

In the manufacturing process

- Analytical Equipment ✓
- Pressure Measurement Equipment ✓
- Level Detection Equipment ✓
- Flow Measurement Equipment ✓
- Temperature Measurement Equipment ✓

Water & Air Monitoring Station

- ✓ Calibration and Verification
- ✓ Equipment Repair and Replacement
- ✓ 24/7 Emergency Response Service
- ✓ Scheduled Maintenance
- ✓ Equipment Upgrades or Additions



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Typical Projects

INDUSTRIAL WASTE INCINERATOR - HO CHI MINH CITY (FORMERLY BINH DUONG)

- Client** : Waste Incineration Plant
- No. Station** : 04 stations (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, HCL, Dust, Flow Rate, Temperature, and Pressure.



HAZARDOUS WASTE INCINERATOR - HO CHI MINH CITY (FORMERLY VUNG TAU)

- Client** : Hazardous Waste Incineration Plant
- No. Station** : 01 station (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, HCL, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

HAZARDOUS WASTE INCINERATOR - BINH PHUOC

- Client** : Hazardous Waste Incineration Plant
- No. Station** : 04 stations (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, HCL, Dust, Flow Rate, Temperature, and Pressure.



WOOD MANUFACTURING PLANT - BINH PHUOC

- Client** : Wood Manufacturing Plant
- No. Station** : 01 station (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

COPPER SMELTING PLANT - LAO CAI

- Client** : Copper Smelting Company
- No. Station** : 01 station (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.



IRON AND STEEL MANUFACTURING PLANT - CAO BANG

- Client** : Iron and Steel Company
- No. Station** : 04 stations (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

MINERAL PROCESSING PLANT

- Client** : Mineral Processing Company
- No. Station** : 01 station (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.



INDUSTRIAL PACKAGING PAPER MANUFACTURING PLANT

- Client** : Japanese Corporation
- No. Station** : 02 stations (HOT-WET Sampling Method)
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

STEEL MANUFACTURING PLANT

Chủ đầu tư : Steel Manufacturing Company

Số lượng : 13 stations (HOT-WET Sampling Method)

Thông số đo : NO_2 , SO_2 , CO , O_2 , Dust, Flow Rate, Temperature, and Pressure.



MDF BOARD MANUFACTURING PLANT - BINH PHUOC

Client : MDF Manufacturing Facility

No. Station : 01 station

Parameters : NO_2 , SO_2 , CO , O_2 , Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

CEMENT PLANT - KIEN GIANG, LONG AN, HO CHI MINH, BINH PHUOC, & KHANH HOA

- Client** : Cement Company
- No. Station** : 15 Continuous Emissions Monitoring Systems (CEMS) and 15 Ambient Air Dust Monitoring Stations.
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, Pressure, PM₅, TSP.



IRON AND STEEL MANUFACTURING PLANT

- Client** : Iron and Steel Company
- No. Station** : 01 station
- Parameters** : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

CEMENT PLANT - NINH THUAN

Client : CEMENT COMPANY

No. Station : 10 station

Parameters : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.



PETROLEUM, OIL, AND GAS PROCESSING PLANT

Client : Petroleum Company

No. Station : 01 station (HOT-WET Sampling Method)

Parameters : NO₂, SO₂, CO, O₂, Dust, Flow Rate, Temperature, and Pressure.





Typical Projects

Stt	Project Name and Client (Investor)	Province	No. Station	Time
1	Công ty Nhiệt Điện Cao Ngạn - Vinacomin	Thái Nguyên	1	2015
2	Khu liên hợp Xử lý chất thải Đa Phước	Hồ Chí Minh	1	2017
3	Công ty Cổ Phần Phân Đạm và Hóa Chất Hà Bắc	Bắc Giang	1	2017
4	Nhà máy Đường An Khê, tỉnh Gia Lai	Gia Lai	1	2017
5	Công ty nhiệt điện Sơn động TKV	Bắc Giang	2	2017
6	Nhà máy Luyện Cán Thép Nghi Sơn	Thanh Hóa	2	2018
7	Công ty TNHH Thép Tung Ho Việt Nam	Bà Rịa - Vũng Tàu	2	2017
8	Nhà máy Luyện Phôi Thép - CN Công ty CP Thép Pomina	Bà Rịa - Vũng Tàu	1	2017
9	Công Ty TNHH Posco ICT Việt Nam	Hồ Chí Minh	1	2017
10	Công ty TNHH MTV Nhôm Lâm Đồng	Lâm Đồng	1	2017
11	Khu công nghiệp Tăng Loong - Nhà máy luyện đồng Lào Cai	Lào Cai	1	2017
12	Công ty Cổ Phần Thép Tuệ Minh	Bình Dương	1	2017
13	Nhà Máy Xi Măng Kim Đình	Thừa Thiên Huế	10	2017
14	Nhà máy Giấy Sài Gòn - Mỹ Xuân, Vũng Tàu	Bà Rịa - Vũng Tàu	1	2017
15	Công Ty TNHH Nhựa và Hóa Chất TPC Vina, Đồng Nai	Đồng Nai	1	2018
16	Công Ty Cổ Phần Xi Măng Hạ Long	Quảng Ninh	1	2018
17	Công ty TNHH Polytex Far Eastern	Bình Dương	1	2018
18	Nhiệt điện Cẩm Phả	Quảng Ninh	1	2018
19	Công ty Cổ phần Xi măng VICEM Hoàng Mai	Nghệ An	1	2018
20	Công Ty Cổ Phần Thép Hòa Phát Dung Quất	Quảng Ngãi	5	2018
21	Công Ty Cổ Phần Xi Măng Vicem Bút Sơn	Hà Nam	8	2018
22	Công Ty Cổ Phần Xi Măng Hà Tiên 1	Hồ Chí Minh	15	2018
23	Công Ty Cổ Phần Dịch Vụ Sonadezi	Hồ Chí Minh	1	2018
24	Công Ty Cổ Phần Xi Măng Vicem Bút Sơn	Hà Nam	2	2018
25	Công Ty TNHH Một Thành Viên Xi Măng Miền Trung	Đà Nẵng	1	2019
26	Công Ty TNHH MTV Xi Măng Hạ Long	Hồ Chí Minh	1	2019
27	Công Ty Cổ Phần Xi Măng Vicem Bút Sơn	Hà Nam	2	2019
28	Công Ty Doosan Heavy Industries and Contrustion Co.,LTD	Bình Thuận	1	2019
29	Công Ty Cổ Phần Vật Tư và Thiết Bị Công Nghiệp Vatco	Hồ Chí Minh	1	2019
30	Công Ty TNHH Xi Măng COSEVCO Phú Yên	Phú Yên	1	2019
31	Công Ty TNHH TM DV Trấu Việt	Hồ Chí Minh	2	2017
32	Công Ty CP Gỗ VRG Dongwha	Bình Phước	1	2019
33	Công Ty TNHH MTV Dầu khí TP Hồ Chí Minh (Saigon Petro Co.)	Hồ Chí Minh	1	2019
34	Khu Liên hợp Gang thép Hòa Phát	Quảng Ngãi	4	2019
35	Công ty Cổ Phần Mía Đường Cần Thơ	Cần Thơ	1	2019



Typical Projects

Stt	Project Name and Client (Investor)	Province	No. Station	Time
36	Công Ty TNHH Formosa Taffeta Việt Nam	Long An	1	2019
37	Chi Nhánh Tổng Công Ty Điện Lực Dầu Khí Việt Nam	Đồng Nai	4	2019
38	Công Ty TNHH Polytex Far Eastern Việt Nam	Bình Dương	1	2019
39	Công Ty Cổ Phần Đầu Tư Công Nghiệp Xuất Nhập Khẩu Đông Dương	Bà Rịa - Vũng Tàu	1	2019
40	Công Ty TNHH Công Nghiệp DE LICACY Việt Nam	Bình Dương	3	2019
41	Công Ty Cổ Phần Môi Trường Quốc Đại Thành	Đồng Nai	1	2019
42	Chi Nhánh Công Ty Cổ Phần Xi Măng Thăng Long	Hồ Chí Minh	1	2019
43	Công Ty TNHH Halide (Việt Nam)	Tây Ninh	1	2020
44	Công Ty TNHH Cheng Loong Bình Dương Paper	Bình Dương	1	2020
45	Công Ty TNHH Brotex (Việt Nam)	Tây Ninh	1	2020
46	Nhà Máy Luyện Cán Thép- Công Ty Cổ Phần Thép Tuệ Minh	Bình Dương	1	2020
47	Nhà máy Luyện Cán Thép Nghi Sơn	Bình Dương	2	2020
48	Công Ty Cổ Phần FSC Việt Nam	Bình Phước	1	2020
49	Công Ty TNHH Hóa Chất LG VINA	Đồng Nai	1	2020
50	Chi Nhánh Xử Lý Chất Thải – Công Ty Cổ Phần Nước – Môi Trường Bình Dương	Bình Dương	1	2020
51	Công Ty Cổ Phần Xi Măng Hà Tiên	Kiên Giang	1	2020
52	Công Ty Cổ Phần Thép Đông Nam Á	Đắk Lắk	1	2020
53	Công Ty TNHH NTPM (Việt Nam)	Bình Dương	1	2020
54	Công Ty TNHH Thép Tung Ho Việt Nam	Bà Rịa - Vũng Tàu	1	2020
55	Công Ty Cổ Phần Thép Hòa Phát Dung Quất	Quảng Ngãi	3	2020
56	Công Ty Cổ Phần Thực Phẩm Quốc Tế (AVA)	Đồng Nai	1	2020
57	Nhà máy Giấy Xương Giang	Bắc Giang	1	2020
58	Nhà máy Xi măng An Giang	An Giang	1	2020
59	Công Ty TNHH Nam Thái Nguyễn	Đồng Nai	1	2020
60	Công Ty TNHH Nestlé Việt Nam	Đồng Nai	1	2020
61	Công Ty TNHH Công Nghiệp thực phẩm Liwayway Sài Gòn	Bình Dương	3	2020
62	Công Ty TNHH MTV Xi Măng Đà Nẵng	Đà Nẵng	2	2020
63	Công Ty TNHH TM-DV Xử Lý Môi Trường Việt Khải	Bình Dương	2	2021
64	Công Ty Trách Nhiệm Hữu Hạn Dệt Đại Hào	Bình Dương	1	2020
65	Công Ty Cổ Phần Gỗ VRG DONGWHA	Bình Phước	1	2020
66	Công Ty TNHH New Toyo Puppy Việt Nam	Bình Dương	1	2020
67	Công ty Cổ Phần Đầu Tư và Công Nghiệp Bửu Long	Đồng Nai	1	2020
68	Chi Nhánh Xử Lý Chất Thải – Công Ty Cổ Phần Nước – Môi Trường Bình Dương	Bình Dương	1	2020
69	Công ty TNHH Takasago Việt Nam	Đồng Nai	2	2020
70	Công Ty Hualon Corporation Việt Nam	Đồng Nai	1	2020



Typical Projects

Stt	Project Name and Client (Investor)	Province	No. Station	Time
71	Công Ty TNHH Nhôm Ngọc Diệp	Hung Yên	1	2020
72	Công Ty TNHH MTV Concord Textile Corporation Việt Nam	Đồng Nai	1	2020
73	Công Ty Cổ Phần Đầu Tư Xây Dựng Tuấn Lộc	Hồ Chí Minh	1	2020
74	Công ty Cổ phần Acecook Việt Nam- chi nhánh Bắc Ninh	Bắc Ninh	1	2020
75	KCN Phước Đông	Tây Ninh	4	2020
76	Công Ty TNHH Một Thành Viên Thép Miền Nam Vnsteel	Bà Rịa - Vũng Tàu	1	2020
77	Công ty TNHH FLAT Việt Nam	Hải Phòng	2	2020
78	Công Ty Cổ Phần Thuận Hải	Hồ Chí Minh	1	2020
79	Công Ty Cổ Phần Xi Măng Hà Tiên 1	Hồ Chí Minh	3	2020
80	Công Ty TNHH Giấy Nam Tiến	Bình Dương	1	2020
81	Công ty TNHH Sản xuất Toàn Cầu LIXIL Việt Nam - Đồng Nai	Đồng Nai	1	2021
82	Công Ty Cổ Phần Môi Trường Sao Việt	Bà Rịa - Vũng Tàu	1	2021
83	KCN Thành Thành Công	Tây Ninh	1	2021
84	Công Ty TNHH S.C Johnson & Son	Bình Dương	1	2021
85	Công Ty TNHH Jinyu (Việt Nam) Tire	Tây Ninh	1	2021
86	Chi Nhánh Xử Lý Chất Thải Công Ty Cổ Phần Nước - Môi Trường Bình Dương	Bình Dương	2	2021
87	KCN Lê Minh Xuân 3 - Hồ Chí Minh	Hồ Chí Minh	1	2021
88	Công ty cổ phần gỗ MDF VRG Dongwha - Thái Nguyên	Thái Nguyên	1	2021
89	Công Ty TNHH Thép Tây Đô	Cần Thơ	1	2021
90	Tổng Công Ty Khoáng Sản TKV- Vimico	Lào Cai	1	2021
91	Công ty TNHH Công nghiệp Dệt Hüge Bamboo - KCN Bàu Bàng	Bình Dương	1	2021
92	Công Ty Cổ Phần Thuận Hải - Phân Xưởng URC	Bình Dương	1	2021
93	Nhà máy Xi măng Long Thọ	Thừa Thiên Huế	1	2021
94	Công Ty TNHH Gang Thép Hưng Nghiệp Formosa Hà Tĩnh	Hà Tĩnh	2	2021
95	Công Ty TNHH Hantex Group	Tây Ninh	1	2021
96	Công Ty TNHH Công nghệ Sincetech	Tây Ninh	1	2021
97	Công Ty Cổ Phần Thuận Hải	Bến Tre	1	2021
98	Công Ty Cổ Phần Thuận Hải	Đồng Nai	1	2021
99	Công Ty Cổ Phần Thuận Hải	Tây Ninh	1	2021
100	Công Ty TNHH Giấy Đồng Tiến	Bình Dương	2	2021
101	Dự án Luthai	Tây Ninh	2	2021
102	Công Ty TNHH MTV Xi Măng Miền Trung	Đà Nẵng	2	2021
103	Công Ty Cổ Phần Acecook Việt Nam - Chi Nhánh Đà Nẵng	Đà Nẵng	1	2021
104	Công Ty TNHH Behn Meyer Agricare Việt Nam	Vũng Tàu	1	2021
105	Môi Trường Tây Ninh	Tây Ninh	1	2021



Typical Projects

Stt	Project Name and Client (Investor)	Province	No. Station	Time
106	Công Ty TNHH AK Vina	Đồng Nai	1	2021
107	Nhà máy xi măng Sài Gòn	Hồ Chí Minh	1	2021
108	Nhà máy Nhiệt Điện Cao Ngạn-TKV	Thái Nguyên	2	2021
109	Công Ty TNHH Chain Yarn Việt Nam	Bình Dương	1	2022
110	Công Ty TNHH Le Long Việt Nam	Long An	1	2022
111	Công Ty TNHH Đại Việt	Đắk Nông	1	2022
112	Công ty TNHH Hóa chất AGC Việt Nam	Bà Rịa - Vũng Tàu	1	2022
113	Công Ty TNHH Gang Thép Hưng Nghiệp Formosa Hà Tĩnh	Hà Tĩnh	1	2022
114	Công Ty Cổ Phần Xi Măng Kiên Giang	Kiên Giang	3	2022
115	Công Ty Cổ Phần Thép Pomina 2	Bà Rịa - Vũng Tàu	1	2022
116	Nhà Máy Xử Lý Chất Thải Nguy Hại Hà Lộc	Bà Rịa - Vũng Tàu	1	2022
117	Công Ty TNHH Kính Chuyên Biệt NSG Việt Nam	Bà Rịa - Vũng Tàu	1	2022
118	Nhà máy Nhiệt Điện Vĩnh Tân 2	Bình Thuận	1	2022
119	KCN Rạng Đông	Nam Định	1	2022
120	Nhà máy Thép Cán Nguội Phú Mỹ	Bà Rịa - Vũng Tàu	1	2022
121	Công Ty TNHH MTV Thép Tấm Lá Phú Mỹ - VNSTEEL	Bà Rịa - Vũng Tàu	1	2022
122	Công Ty TNHH Doosan Enerbility Việt Nam	Hà Tĩnh	1	2022
123	KCN Phú Mỹ 3	Bà Rịa - Vũng Tàu	1	2022
124	KCN Thành Thành Công	Tây Ninh	1	2023
125	Nhà máy Nhiệt điện Vũng Áng 2	Hà Tĩnh	1	2023
126	Công Ty Cổ Phần Gang thép Cao Bằng	Cao Bằng	4	2023
127	Công Ty Cổ Phần Thuận Hải Energy (Ajinomoto)	Đồng Nai	1	2023
128	Công Ty Cổ Phần - Tổng Công Ty Nước - Môi Trường Bình Dương	Bình Dương	4	2023
129	Nhà máy Nhiệt điện Nhơn Trạch 3,4	Đồng Nai	2	2023
130	Công ty TNHH TOP Sports Textile Việt Nam	Tây Ninh	1	2023
131	Công Ty Cổ Phần Công Nghệ Môi Trường Tây Ninh	Tây Ninh	1	2023
132	Công Ty TNHH Gang Thép Hưng Nghiệp Formosa Hà Tĩnh	Hà Tĩnh	2	2023
133	Công trình Dệt nhuộm Hưng Yên - Phố Nối B	Hưng Yên	1	2024
134	Kho chi phí KCX Tân Thuận	Hồ Chí Minh	1	2024
135	Nhà máy Formosa Hà Tĩnh	Hà Tĩnh	2	2024
136	Công Ty Cổ Phần Môi Trường Thảo Dương Xanh	Bình Phước	1	2024
137	Chi Nhánh Tập Đoàn Công Nghiệp Than - Khoáng Sản Việt Nam	Lâm Đồng	1	2024
138	Công Ty TNHH Brotex (Việt Nam)	Tây Ninh	1	2024
139	Công Ty TNHH Shyang Ta	Bình Phước	1	2024
140	Công Ty TNHH MTV C&T VINA	Bình Phước	2	2024



Typical Projects

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	Công ty Cổ phần S&S GLOVE	Bà Rịa - Vũng Tàu	1	2024
	Công Ty Cổ Phần Thuận Hải Energy	Đồng Nai	5	2024
	Công Ty TNHH Dệt May Rise Sun Hồng Kông Việt Nam	Tây Ninh	1	2024
	Công Ty TNHH Samil Vina	Đồng Nai	2	2024
	Công Ty TNHH Hi Knit	Đồng Nai	1	2024
	Công Ty TNHH Sản Xuất Thương Mại Tiến Thi	Bình Dương	1	2025
	Công Ty Cổ Phần - Tổng Công Ty Nước - Môi Trường Bình Dương	Bình Dương	1	2025
	Công ty TNHH Phân bón Hàn Việt	Hồ Chí Minh	1	2025





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