



الهيئة العامة للأرصاد وحماية البيئة

THE GENERAL AUTHORITY OF METEOROLOGY & ENVIRONMENTAL PROTECTION

# Environmental Inspection



## Background:

Since its establishment in 1950, The General Authority of Meteorology and Environmental Protection has been working on preserving and protecting the environment; saving the health of both our land and the general public.

And hence the Compliance Monitoring became one of the key components the ministry uses to ensure that the regulated community obeys environmental laws and regulations.

## Challenges:

With the era of more; and while attempting to inspect and monitor an enormous number of factories all over the Kingdom; the ministry had faced the following challenges:

1. Inefficiency, and complexity in daily operations:

The manpower was burdened by ruined, difficult-to-use business systems that complicate processes and hamper operations.

2. Misinterpretation:

Caused by ununiformed data handling and lack of authentication.

3. Miss communication and poor coordination.

Poor communication was really frustrating in the workplace, it used to lead to poor performance, lack of teamwork, low morale and hence loss of effort, money and time.

4. Lack of monitoring and Inaccurate reporting

Reports were manually compiled, which was both time-consuming and costly for the business. On top of this, the business experienced issues with the consistency of data and duplication of effort.

So, a need arose to find a way that rapidly and accurately collects and synchronize data while generating accurate, real time reports that shall be helping through figuring out and resolving violations.

## Solution:

BRAVO team had co-operated with The General Authority of Meteorology and Environmental Protection in order to enforce the issued processes and regulations that are used by the Environmental Inspections throughout the Kingdom of Saudi Arabia so as to prevent the human activities from carrying out risks of harmful effects on the environment.

Bravo Provided:

1. Strategic tools

BRAVO helped in building the environmental inspection strategic objective and move it into execution.

2. Planning missions and distributing agents

With BRAVO; planning the mission became as easy as never before while relying on the smart yet efficient planning tools BRAVO is providing

3. Geo-location and logs

While a guarantee of transparency and accuracy were essential, BRAVO provided a tool for real time agents tracking.

4. Real-time Job Status updates

Agents were given the ability to empower their updates with uploaded media files, and hence no place for human errors.

5. Route optimization and GPS navigation

Saving both time and effort and hence cost while finishing the best route reaching more entities.

6. Accurate Reports and KPIs dashboard

With the all-in-one reporting platform provided by BRAVO, everything is now a way clearer, organized where decisions are taken on the right time.

#### 7. Integration with External system

Data Synchronization is needed, and hence a powerful API was provided giving a full flexibility in the integration with any external system.

### Impact:

**+12K**

Factories Inspected.

**243**

Inspectors using BRAVO.