



**NOW**  
**BREATHE!**

# FOR YOU, YOUR ORGANIZATION AND YOUR COMMUNITY

Since 1991, Consulair has been one of Canada's leaders in everything surrounding global project management related to air sampling and environmental compliance.

Consulair offers the highest level of service and technologies, allowing companies, municipalities and the government to be in constant control of air quality in both their immediate environment and throughout the broader community.

## IMAGINE ... AND BREATHE NOW!

With our exceptional approach, you gain access to all the information you need to know about outdoor air management. So stop worrying about ambient air, monitoring, audits, and reports, and imagine a world where you can just breathe...



### CONTROLE

Imagine having constant control of your air quality emissions without losing control of your air quality costs.



### COMPLIANCE

Imagine the comfort of knowing that you comply with government standards and requirements at all times.



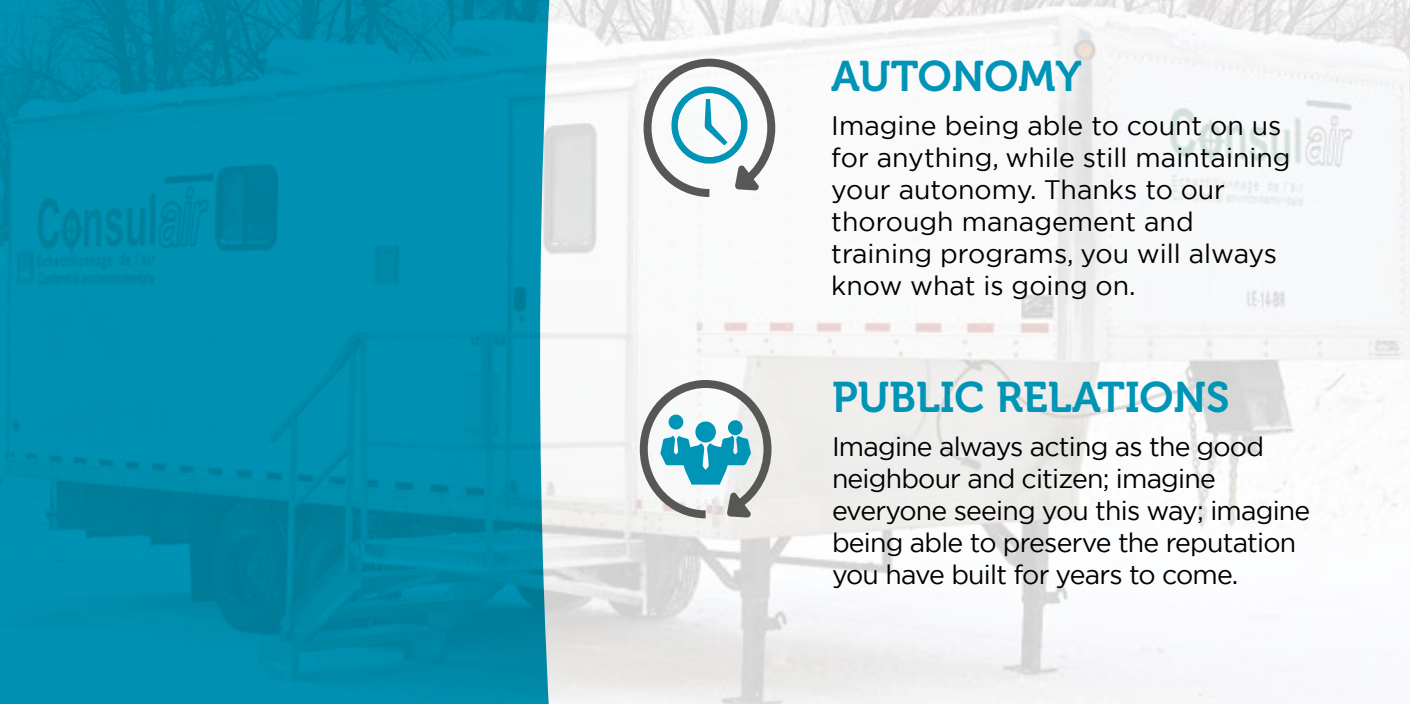
### AUTONOMY

Imagine being able to count on us for anything, while still maintaining your autonomy. Thanks to our thorough management and training programs, you will always know what is going on.



### PUBLIC RELATIONS

Imagine always acting as the good neighbour and citizen; imagine everyone seeing you this way; imagine being able to preserve the reputation you have built for years to come.





# GLOBAL MANAGEMENT, AIR AND ENVIRONMENT

## MUNICIPALITIES



All sizes

## INDUSTRIES



Aluminium,  
Steel and Iron,  
Cement,  
Mines and Energy,  
Pulp and Paper,  
Wood Processing,  
and Much More

## GOVERNMENT



Provincial  
Federal

## TRULY SPECIALIZED

Consulair maintains an exceptional reputation as one of Canada's largest companies to offer in-depth air management.

- Largest multi-disciplinary team in the industry
- Project managers with more than 30 years of experience
- A large number of mobile labs
- Solid experience within North America and internationally
- Advanced methods for detecting and measuring PFCs and the latest generation of FTIR technology

## ALUMINIUM SECTOR

The aluminum sector is one of the many industries in which Consulair excels. Thanks to our FTIR technology that uses liquid nitrogen, we have achieved high performance results, particularly for emissions from electrolysis.

- One of the only companies in the world using this technique, in collaboration with our partner, an internationally renowned expert in air treatment within the aluminum sector
- 2 or 3 times more effective and precise than other technologies
- High capacity for detecting GHG, even at extremely low levels (5 ppb)

# CONSULAIR GLOBAL MANAGEMENT

# 1

## SAMPLING AT THE SOURCE



This process allows for the precise sampling of emissions at the source, while also testing for environmental compliance. It includes:

- Identifying environmental requirements
- Devising an action plan
- Providing training, equipment and a quality assurance system
- Carrying out sampling activities
- Compiling preliminary data and results
- Reporting and making recommendations for corrective measures

Mobile Station



# 2

## MONITORING AMBIENT AIR

The continuous and effective monitoring of ambient air. Our comprehensive process entails:

- Identifying environmental requirements
- Conducting a study on the placement of sampling stations (topography, meteorology, context)
- Selecting local providers for maintenance, analysis and more
- Providing training equipment and a quality assurance system
- Remote supervision and data compilation



**Monitoring  
ambient air**

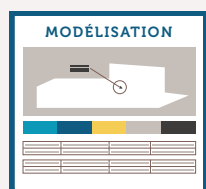


2



**Modelling**

3



4

**Distribution**

## PROFESSIONAL SERVICES

We provide modelling, audits and related services, including:

- Choosing dispersion models for pollutants based on geographical and environmental parameters
- Project modelling to reduce a factory's emissions
- Audits of measuring systems and processes
- Assistance with establishing system compliance
- Assistance with requesting a Certificate of Authorization
- Assistance with calculating GHG
- Obligatory declarations of emissions at the federal and provincial levels
- Determination of the impacts of contaminated fuel combinations

3

## HIGH-TECH EQUIPMENT

We have all the equipment needed to sample, test and monitor ambient air. Our process includes:

- Analyzing needs
- Producing fully adapted equipment
- Designing and manufacturing mobile laboratories
- Providing training on the use, maintenance and optimization of all equipment
- Ensuring exceptional guarantees



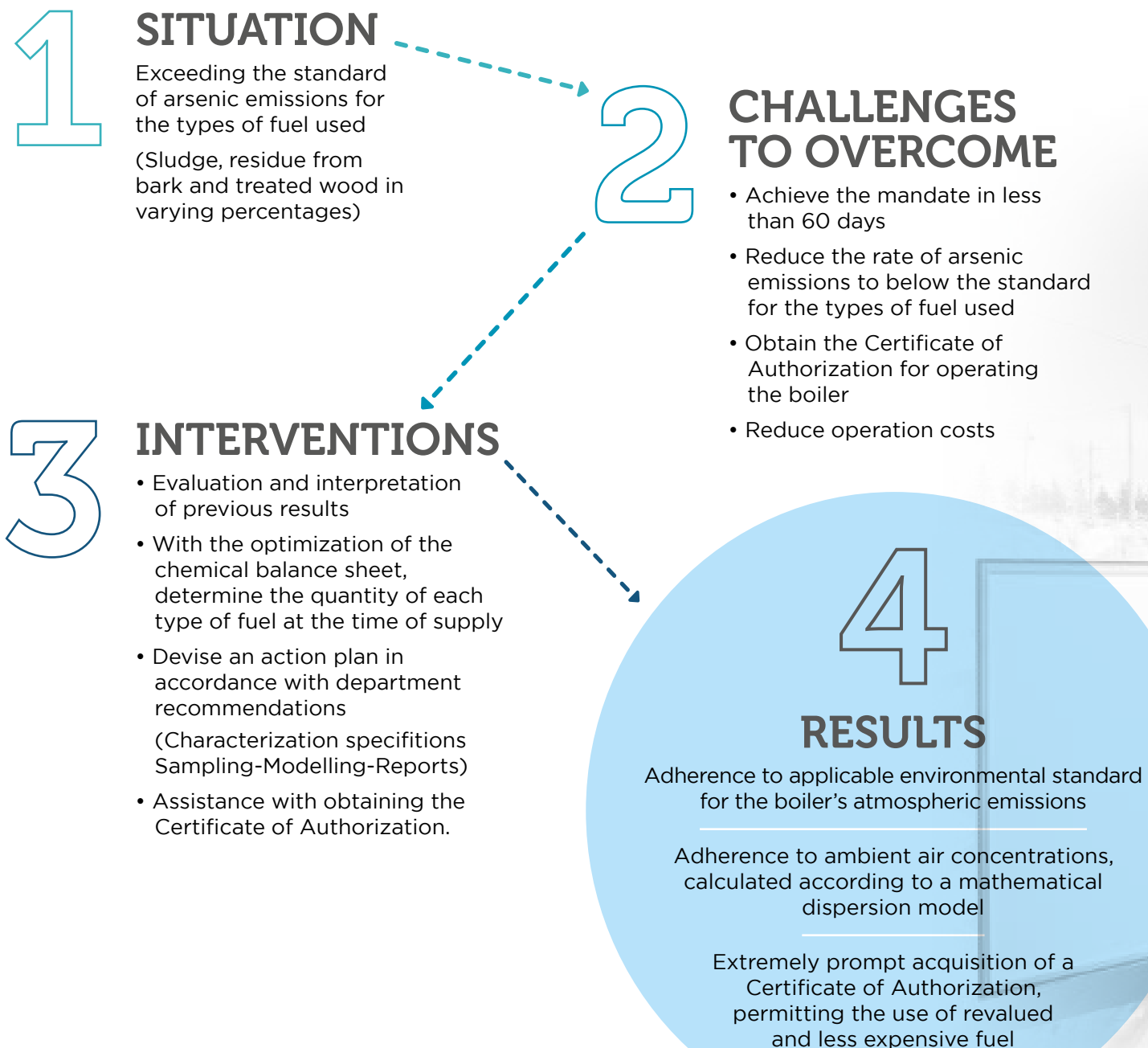
# CASE STUDY

## HOW CONSULAIR HELPS US BREATHE BETTER

Doing business with Consulair will benefit more than just your air sampling process. We will support you through every step of your air management projects and ensure that you successfully achieve each one of your goals..

**PROJECT: CHARACTERIZATION OF ATMOSPHERIC EMISSIONS OF A BIOMASS BOILER THAT IS PRESENTING EMISSIONS PROBLEMS.**

**THE MINISTRY OF THE ENVIRONMENT REQUIRES THAT THE CLIENT REDO THEIR SAMPLING JOB.**

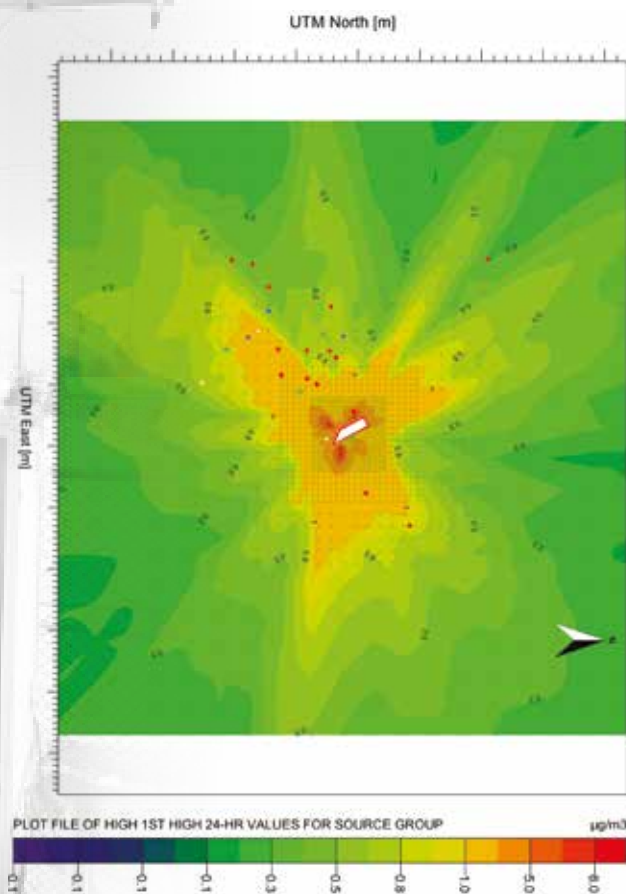


## RESULTS THAT SHOW

With Consulair, you will receive the information, data, reports and tools you need to make the right decisions and obtain the authorizations you need. The process is simple, but effective.

## MODELLING

The atmospheric dispersion models we use to determine pollution dilution produce results that can be represented on iso-concentration curves. A colour code allows for clear visuals on the location of the industrial site's highest levels of pollutants. Levels shown reflect a specific calculation period and are measured in comparison to regulatory values.



## SHARING OUR REPUTATION WITH YOU

We have been doing business with Consulair since 2008. Over the years, we have built a partnership, which we never hesitate to renew annually. Consulair sets itself apart by showing professionalism, willingness to listen, and exceptional teamwork. We also appreciate the new services that complement the sampling services.

Marc Brousseau, Eng.,  
Environmental Engineer,  
**CIMENT QUÉBEC**

We would like to express how grateful we are to you for characterizing our atmospheric emissions. Over the past ten years, we have deeply appreciated the experience and flexibility that your staff has demonstrated throughout our environmental projects.

Jean-François Chabot, Eng.  
Environmental supervisor,  
**CCR GLENCORE**





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