

# La Gazette

September 2011

## Edito

**D**ear Valued Readers, thank you for joining us for this new edition of la Gazette.

If you asked your colleagues for examples of challenges of the future, their responses would likely include environment and healthcare.

And rightfully so.

Although the sustainability challenge is not a new one, the nature of the challenge is focusing more on a triple bottom line: people, planet and profit.

Our fast-moving industries need a social innovation platform that facilitates an entirely new way of doing business.

To help drive this evolution, from optimized worker activity and ergonomics to greener products and production processes, companies are focusing on eco-product development.

In this issue of La Gazette, we will look at the Carbone Savoie solutions that are helping Consumer to improve their HSE performances. The new ramming paste NeO<sup>2</sup> is the best example.

Discover also in this issue the major investments in new installations in Carbone Savoie to reduce the environmental footprint of its operations and safeguard the health of its employees and communities.

We look forward to our continued partnership and working with you to meet your demands. Meanwhile, enjoy this edition of the La Gazette!



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**CARBONE  
SAVOIE**

Jean-Pierre Cleirec  
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## Carbone Savoie involvement in health and safety conditions for its employees

### A major investment at Carbone Savoie

**A** major investment has been signed for a new RTO fume treatment investment on Vénissieux site.

Carbone Savoie is self-conscious of the impact of its activity on environment and has begun a reflection on that matter a few years ago.

Vénissieux plant is located in the suburb of Lyon, the second major town of France. This site is the main CARBONE SAVOIE baking work-shops.

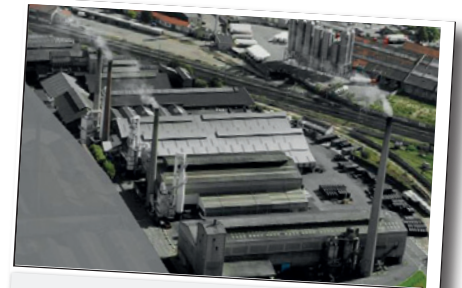
Carbone Savoie has already installed fume treatment equipments in the past and in order to increase the fume treatment capabilities, it has conducted studies on various technical solutions. The selected solution is to replace the existing fume treatment system with one RTO (Regenerative Thermal Oxidation) system and one single stack, instead of 4 currently. A significant visual impact.

This investment of \$25 millions not only complies with current and close future environmental regulations but it will allow additional growth initiatives. This project will be achieved in 2013.

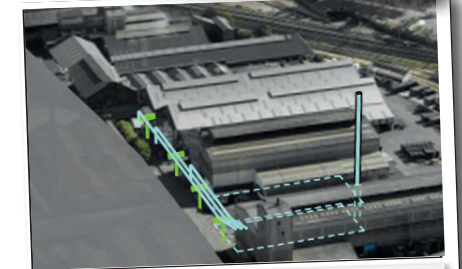
**I**n order to comply with its involvement in health and safety conditions for its employees, Carbone Savoie has decided to invest more than €6 millions.

A new building is in construction that will **allow to optimize the treatment of the wrapping material** used to protect cathodes during the baking process. After baking, the wrapping material that remains on the surface of the cathode blocks has to be removed. A long and fastidious step in the manufacturing process of the cathodes. This stage will be made easier thanks to **a conveyor system and automatic cleaning.**

Thanks to this new installation, our people will be **protected from dust and non-ergonomic postures.**



Before



After



G. De Goyts, Works Manager, and J.P. Cleinec, President and General manager, laying the foundation stone



## NeO<sup>2</sup>: our customers dreamt about it, Carbone Savoie did it

From now on, all of you know NeO<sup>2</sup> well. This paste revolutionizes the working conditions during production and use. Through this performing and responsible product, Carbone Savoie is the only supplier in the world to guarantee a clean and safe environment for our customers and our people.



Ramming operation with a standard paste



Ramming operation with NeO<sup>2</sup> paste

### Valuable advantages of NeO<sup>2</sup>

In addition to be a 100% non-hazardous, for both the personnel and the environment: free of PaH, free of BaP, free of Phenol, this new paste presents some additional benefits: it can be recycled as an industrial safe product, it has no inconvenient odour and the expiring date is even greater than the previous pastes.

### Experience in pots

Since its launch at the beginning of this year, NeO<sup>2</sup> has been tested in more than 25 primary aluminium plants in wide range of users conditions. We have passed with success the test period of this product and we are on the way of the industrialisation.

You may find additional information on NeO<sup>2</sup> on our web site: [www.carbone-savoie.com](http://www.carbone-savoie.com)



## Carbone Savoie : Proud signatory of the Responsible Care® charter

Carbone Savoie is proud to be a signatory of the Responsible Care® charter. Responsible Care is an initiative launched voluntarily by the chemical industry itself, at a global level. It is a self-enforced code of conduct and best practice, independent from all the duly respected rules and regulations imposed upon the industry by national and international bodies. At present, there are 53 national and regional federations participating in respective initiatives under the auspices of Responsible Care. It represents Carbone Savoie's commitment to improve our health, safety, and environmental performance as well as the dialog with our communities.

(source [www.uic.fr](http://www.uic.fr))



Responsible care



## New packaging for Carbone Savoie products

### **A**n innovative crate without nails to make easier the unpacking

The panels constituting the crate are linked without nails. The unpacking for the final users is getting safer, easier and quicker while keeping the product safe during the handling and the transportation.

This innovation has been made possible thanks to the involvement of Carbone Savoie staff and supplier.



*The new crate without nails to make easier the unpacking*



*The new design for ramming pastes and sealing pastes bags*

### **A** new look for the paste bags

A new design for ramming pastes and sealing paste bags has been created. It aims at making more obvious all the product information : product range, product reference, technical characteristics , conditions of use...

...and of course our paste bags are recyclable

Here are the news bags you are eager to receive soon.



## Certificate of non-radiation

**O**n customer's request, measurements have been performed on our products to certify that our products are safe and **free of radiation**. This certificate, issued by a certified organization, is available on request.

## Safety share

**M**any accident in everyday life are hand injuries. Our hand is precious, let's protect it: wear suitable gloves if needed and take off or weaken your rings . In case your ring catches on something, the ring will pull out instead of your finger.



*A weakened ring*

Visiting our web site : [www.carbone-savoie.fr](http://www.carbone-savoie.fr)

Enjoy !