

## Industrial ecology project in Moncor technological parc



This project concerns the creation of an ecological concept in the technological activity parc of Moncor. This is a rather new approach which was implemented in the context of the New Regional Policy (NRP) of the Canton ; it is financially supported by 3 entities : the Canton through his economic programme of NRP, the Agglomeration of Fribourg and the Commune of Villars-sur-Glâne.

Its aim is the developing of environmental management in a zone with a high concentration of firms (over one hundred), which presents a great mixity of economic sectors including high value potentials and numerous jobs, also maintaining existing development possibilities (there is still some building land left). The objectives are to establish the local available resources; to optimize the consumption of resources; to find out about the will and the potential of an eventual mutualism of services and infrastructures; the networking of the various zones and/or actors and to reinforce the attractivity of the territory.

The strategy is to generate a system of synergies concerning industrial ecology having to lead to coordinated actions related to the important existing potential of the zone. The participative approach of all the companies involved in this zone is accompanied by the Commune, the Department of Economic Promotion of the Agglomeration and benefits from the help of specialists in the matter.

A catalogue of the needs of the firms in this defined zone will be realized and the networking of all things which could possibly be put together shall be settled in order to reach economic efficiency which respects the ecologic development in a quarter where a mixity of industry and residence co-exist, thus ensuring the attractivity of the territory.

This remarkable industrial site (as a matter of fact, one of the most important of the Canton) is to be expanded, however, the Commune intends to maintain a certain level of quality of life, not only for the firms themselves, but also for the inhabitants and the employees of the enterprises, as far as they are concerned.

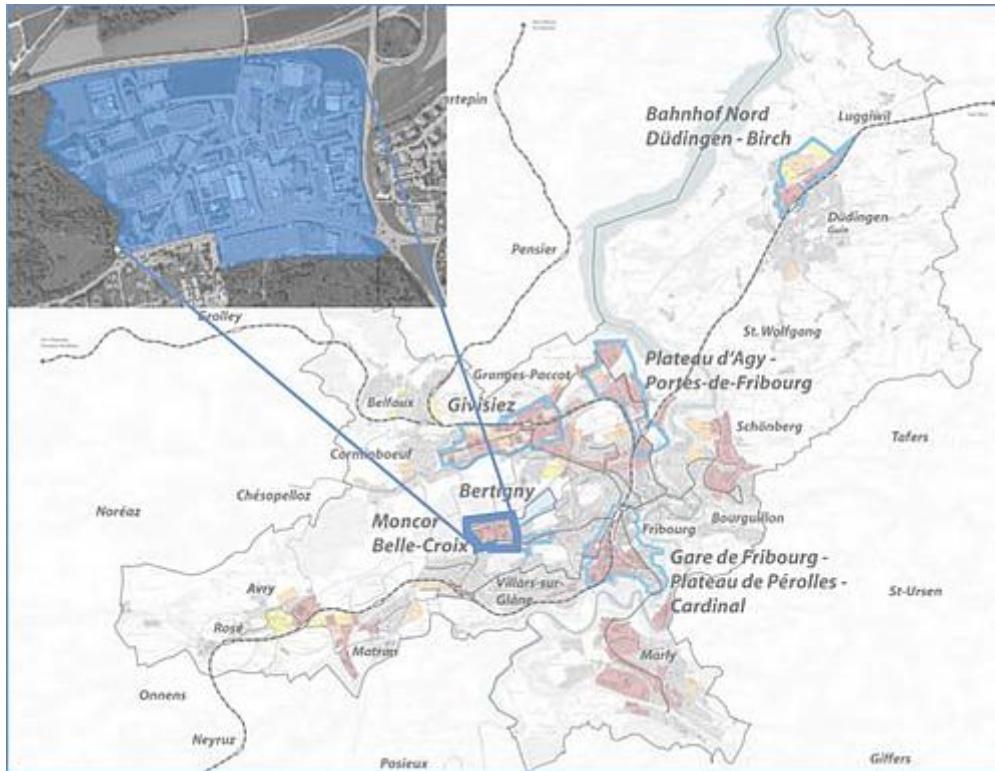
Therefore not only economic aspects are taken into consideration, but also social needs of the concerned persons, such as sports and cultural infrastructures and activities, leisure possibilities, nurseries for the children of the inhabitants and workers operating in the zone or in the nearhood, and so on. The main accent is put on the ecological impact of the economic development, and the search of the least pollutant solutions is to be carried on and realized.

Several tracks have been explored and are considered by the representatives of the firms as to be implemented in priority, such as the so called « distance heating », which is a system of heating for buildings through the recuperation of the heat issued by the nearby incineration factory.

As such, an action plan containing from 3 to 5 concrete tracks shall follow the setting of the catalogue, in which all enterprises are closely involved. A network link between the public collectivity and the firms will be created on the specific thematic.

The benefits of such an operation are not only economic, but also ecological and it will bring a local anchorage in this quarter, but it will also become an optimal visiting card for the various enterprises.

### **Synopsis - regarding the Industrial Ecological project of the Technological Parc of Moncor**



This fall, the works of the Industrial Ecological (IE) Technological Parc of Moncor, started in Summer 2012, have been settled and finalized. It is one of the five projects to have been undertaken in the Canton of Fribourg. The zone of Moncor belongs to the eight strategic industrial sectors recorded in the cantonal main plan in matter of economy, as this zone is known for the important concentration of industries of all kind, but especially of high added value. It has the perfect potential for optimized management in matters of resources and services sharing. It will enable to revalue and to make more dynamic an important industrial zone in the respect of sustainable development.

It was a great challenge to make the various enterprises, each having such different potential, collaborate, and such an approach would never have been possible without an active participation of the main actors of the zone. However there has immediately been a great enthusiasm among the participants to enter in such a project and 22 enterprises which represent over 70% of the jobs in this sector have attended the process.

The sphere of operation covers the whole zone of Moncor, as well as the commercial center, situated opposite the zone, but doesn't include the Cantonal Hospital. The new zone of Bertigny Ouest – not yet developed – is also foreseen to be part of this project, when the time comes.

The various discussions have enabled to define several tracks where collaborations may occur or where there are common interests. 6 of these have been considered to have priority. These are, by order of importance :

- Coordinated development of mobility (including parking and public transports)
- Rounds of supervision
- Childhood reception centers
- Catering offers or sharing of companies' restaurants
- Development of solar energy
- Sharing of management of waste in common.

Actually the two first tracks have been clearly defined as those where urgent actions are needed, in order to achieve works to improve the situation; the other ones can be postponed for the moment. As such, a mandate of study for mobility has been assigned to a specialized office with the mission to study the whole situation of the Parc and to define the needs in order to propose solutions. This mandate is shared by the actors of the Parc, the Agglomeration of Fribourg and the Commune. Other bilateral actions are also undertaken.

Thus said, it was also decided to create a common support in order to manage the needs and actions of the enterprises in this zone. This support is an association which aim is to defend the interests of all the members belonging to the Parc and who have joined it and to propose solutions, either to settle themselves, or to discuss with the authorities.

It is the first time such a procedure is achieved in an important economic zone and the Communal Council is particularly pleased and proud to have reached this aim. For evident reasons the Commune will not be member of this association but shall collaborate closely with the committee in order to enable a future harmonious development of the "Parc technologique de Moncor".

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