

Reference: C2 – C2.1 – 3 – SMHV

Renovation of the recycling center of Cotignac

Optimize the recovery of waste streams from landfills (new streams, reception of the professionals)



ACTORS AND TERRITORIES



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CONTEXT

The overall waste prevention and management project of the "Syndicat Mixte du Haut Var" programmed the renovation of all the inter-municipal waste collection centers under its management (20 municipalities, 11% of the territory of the Var department), including the existing installation on the municipality of Cotignac. The objective being on this site composed by platforms and level access zones to promote the reception and sorting of products towards the recovery sector for the recycle of materials and energy. SMHV, also wanted to create an interface with professionals, in order to facilitate the management of certain flows (specific waste and green waste for example).

Details: This project included in fact reconstruction, installations and equipment, in order to optimize the operation of the existing installation, with a sorting objective that can supply 20 different recovery and recycling channels. The project included the closure of the site for ICPE purposes, a new building in compliance with RT2012, as well as a weighbridge to manage the flow of professionals, plus a fire-fighting tank and video-protection.

***NB:** by application of the NOTRe law, the SMHV was dissolved on 31/12/2018, 1st year of realization of the LIFE IP SMART WASTE file. In this context, the dissolution of the SMHV having been foreseen by the elected officials, the LIFE action program followed a budgetary restriction while maintaining a first phase of rehabilitation of the waste collection centers, including the Cotignac one (see below). As the new manager of this site has forbidden the reception of professionals, the projected expenditure for the weighbridge was no longer justified.*

OBJECTIVES AND RESULTS

General objectives

- Compliance of the perimeter with ICPE regulations;
- Compliance of the premises with the labor code;
- Securing and optimizing the operation in its functioning.

Quantitative objectives

- Not applicable for professionals;
- To be determined according to the management of the new operator.

Quantitative results

- As the recycling center was renovated in the 2nd half of 2018, with finale acceptance before dissolution of the SMHV, the quantitative assessment will be provided by the new manager.

Qualitative results

- **Compliance with ICPE:** the recycling center perimeter have been closed with fencing and entry/exit portal allowing to better materialize the exploitation site;
- **Respect of the labor code:** the new guard room has enabled the staff to return to normal work conditions with thermal insulation in compliance with RT2012, including an adapted and economical equipment for the summer/winter comfort, as well as a double sanitary, the whole following the PMR standards
- **Security:** the closure of the site prohibited intrusions outside the opening hours of the recycling site. A water tank of 30 m³ in compliance with Forests fires fighting norms were placed on site to protect the latter. A treatment of the oxidation points was carried out on the modular structure allowing to consider a better durability of the existing platforms;
- **Optimization of the operation:** the modifications have improved the reception of the public, as well as the management and control of flows, while allowing the unpacking of new containers (secure and DDS compliant container, DEA container on platform, public works container for small rubble...)

IMPLEMENTATION

- Removal of the modular room;
- Overall cleanliness;
- Repair and installation of additional fencing around the site;
- Installation of a sliding gate of 8 m length at the entrance;
- Installation of a fence around the rain basin downstream from the recycling center;
- Reconstruction of the guarding room of about 20 m² with electrical cabinet to the standards, double sanitary PMR, thermal insulation, economic electrical appliances, reversible air/air heat pump, fully equipped office with fire extinguisher and fire alarm/emergency lighting systems, storage annex for the exploitation material, external lighting, anti-burglary floor under the roof;
- Installation and watering of a 30 m³ DFCI type tank (in addition to the fire hydrant located shortly before the site);
- Implementation of new public awareness branches.

Description of the action



Inaugural visit of the Cotignac waste recycling site with the European commissioner and the Region Sud, in the presence of the Mayor, local personalities, and union agents (November 2018).



View of the entrance after the renovation operation



View of the awareness campaign for the collection of waste furnishings (DEA)



View of the DFCI tank (on the left), view of the DDS (specific waste) bin (on the right)

Planning

Phase 1 (period to be specified):

- 2017: Deliberation of the municipality
- 1st semester 2018: Consultation with companies
- End of 2018: Delivery

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| Principal year of implementation | 2018 |
| Human resources | Internal: team dedicated to LIFE16, 1 accountant, 1 recycling centers coordinator, 1 engineer External: 1 land surveyor, 1 technical controller, 1 masonry construction workshop |
| Financial resources | 59 510 € implementation |
| Technical resources | Computer stations with design and accounting software, machines and tools from construction sites |
| Involved partners | ADEME as a co-financing agency and advisor |

FEEDBACKS AND REPRODUCIBILITY

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| Success factors | Decision and support from the deliberative body, involvement of the guard of the recycling center and of the SMHV collection service, implemented skills, support from Cotignac municipality, the Region Sud, and ADEME. |
| Difficulties encountered | Budget cuts, dissolution of SMHV. |
| Recommendations | The difficulties having been anticipated as good as possible, it is recommended to evaluate the administrative situation at each stage, in order to best meet the objectives of the service. |