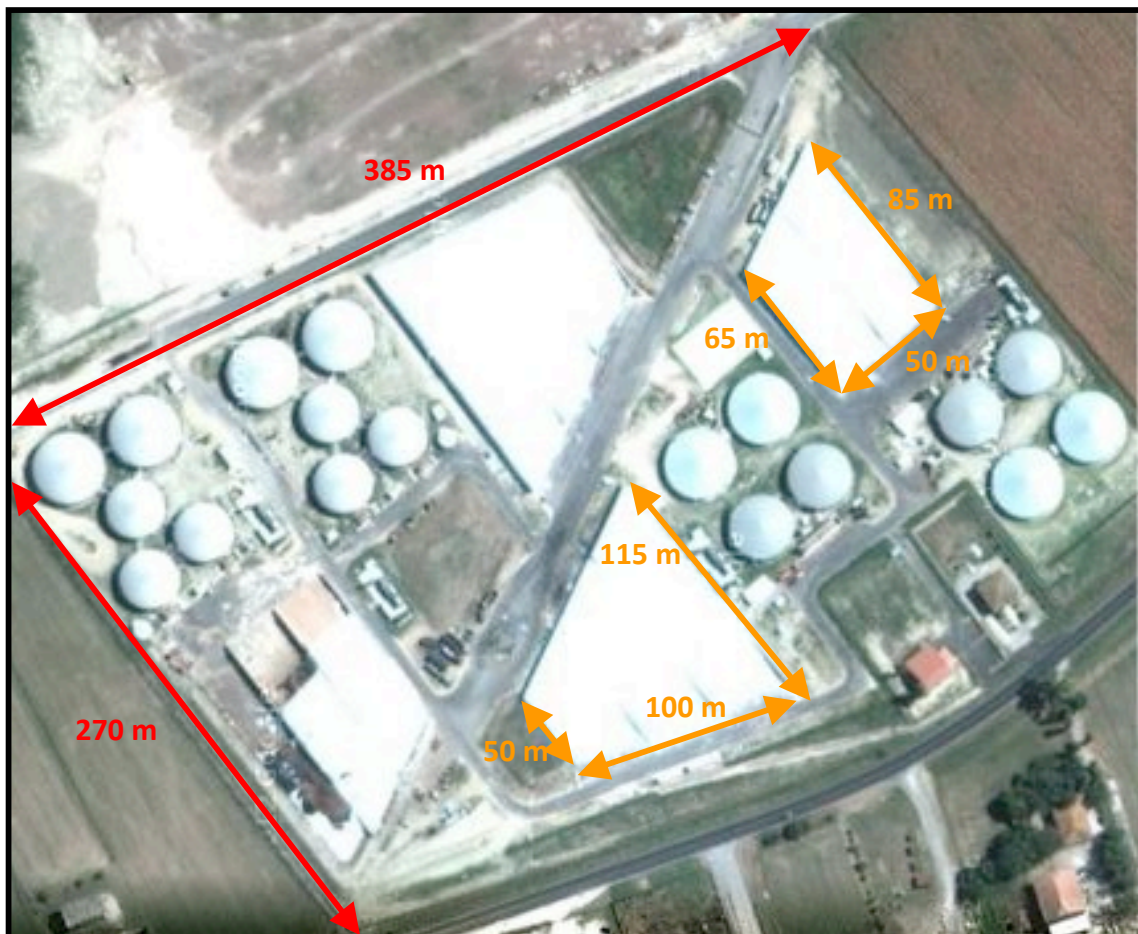


CASE STUDY

Site description	Biogas production plant
Treatment location	Silage stocking boxes and area near the houses.
Location description	<ul style="list-style-type: none"> - Site size: 385 m in length x 270 m of width - Both big boxes size: 115 x 100 x 4 m - Both small boxes size: 85 x 50 x 4 m - Maximal stocking capacity: 96,000 m³
Characteristic smells	H ₂ S, NH ₃ , rancid butter (butyric acid)
Active agent used	208 plates : Gelactiv [®] AB3 7.3. → 172 plates in 86 AirForce [®] 1 double → 36 plates in 1 Smellmeister [®] G36
Diffusion technology applied	→ 86 AirForce [®] 1 distributed on the silage boxes → 1 Smellmeister [®] G36 linked to 2 micro-pierced diffusion pipes installed at the site periphery (350 m altogether)
Treatment renewal rate	→ 86 plates each 1.5 months (50%) for the AirForce [®] 1 → 9 plates per month (25%) for the Smellmeister [®] G36

Note: the AirForce[®] 1 have been installed in such a way that they are mobile and such it is possible to move them in depth as one goes along the silage consumption in the boxes.

Plant overview:



Installation scheme:



View of the Smellmeister® device installed in the technical room with an external fresh air supply point:



View of the diffusions pipes at the technical room exit going towards the zone 1:



View of the diffusion pipes partition towards the zones 1 and 2:



Zone 1 treatment through a micro-pierced diffusion pipe:



Portico made in the zone 2 place to allow the trucks entrance in the plant:



View of the micro-pierced diffusion pipe towards the zone 3:



View of the micro-pierced diffusion pipe from the zone 3 to the zone 4:



View of the AirForce® 1 installed on the silage boxes:

