



The site plan illustrates the layout of the SAS Flandre Biogaz facility. A red circle with a 35m radius defines the overall site boundary. The property limit is marked by a purple dashed line. The plan includes several key areas and structures:

- Water Management:** A large blue rectangular pond (Bassin de tamponnement des eaux pluviales, 1400 m³) is located at the top. A smaller pond (Réservoir incendie, 120 m³) is at the bottom left. A network of pipes and valves (Vanne d'isolement, Fosse de relevage) manages water flow.
- Storage and Processing:** Four silos for storage of non-covered inputs (4 Silos de stockage des intrants non couverts) are in the upper right. A covered storage platform for liquid digestate (Stockage digestat liquide couvert) is at the bottom. Other structures include a covered storage platform for solid inputs (Hangar de stockage des intrants solides couvert), a covered storage platform for digestate (Plateforme de stockage digestat en béton couverte), and a covered storage platform for liquid digestate (Stockage digestat liquide couvert).
- Biogas Production:** The central area contains a covered digester (Post-digester couvert), a covered digester (Digesteur couvert), and a covered digester (Post-digester couvert). A covered digester (Post-digester couvert) is also shown.
- Infrastructure:** A concrete zone (Zone bétonnée) is in the center. A gravel path (Piste graviers) runs along the bottom. A road (Chemin d'accès D11) is on the left. A parking area (3 PLACES DE STATIONNEMENT NON COUVERTES) is on the left. A gate (Portail) is at the bottom left. A gate (Portail coulissant) is on the left. A gate (Portail) is at the bottom right.
- Other Features:** A fire station (Aire stationnement pompiers) is marked with a red square. A gas detector (Détecteur gaz) is marked with a green circle. A fire detector (Détecteur incendie) is marked with a red triangle. A gas detector (Détecteur gaz) is marked with a green circle. A fire detector (Détecteur incendie) is marked with a red triangle. A gas detector (Détecteur gaz) is marked with a green circle. A fire detector (Détecteur incendie) is marked with a red triangle.

The plan also shows the location of the Nieuw Gracht and the A1766 and A1767 roads. The site is surrounded by agricultural land (Parcelle cultivée). The plan includes a legend (Légende) and a north arrow.

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- Water Management:** A large blue rectangular pond (Bassin de tamponnement des eaux pluviales, 1400 m³) is located at the top. A smaller pond (Réservoir incendie, 120 m³) is at the bottom left. A network of pipes and valves (Vanne d'isolement, Fosse de relevage) manages water flow.
- Storage and Processing:** Four silos for storage of non-covered inputs (4 Silos de stockage des intrants non couverts) are in the upper right. A covered storage area for solid inputs (Hangar de stockage des intrants solides couverts) is in the middle right. A large covered storage tank for liquid digestate (Stockage digestat liquide couverts) is at the bottom center.
- Biogas Production and Distribution:** The plan shows a digester (Digesteur couverts), a post-digester (Post-digester couverts), and a separator (Séparateur de phase). A network of pipes (Biogaz) leads to a storage area (Stockage biogaz) and a distribution point (Pompe de relevage).
- Infrastructure:** A concrete zone (Zone bétonnée) and a gravel path (Piste graviers) provide access. A parking area with three uncovered spaces (3 PLACES DE STATIONNEMENT NON COUVERTES) is on the left. A road (Chemin d'accès D11) and a canal (Nieuw Gracht) are also shown.
- Landscaping and Safety:** A tree-lined boundary (Talutage arboré h = +2 m) is on the right. A fire station (Aire stationnement pompiers) is marked with a red square. A gas detector (Détecteur gaz) is indicated by a green circle.

Légende

- Zone bétonnée
- Piste graviers
- Espaces verts
- Clôture
- Biogaz
- Alimentation en eau potable
- Eaux pluviales
- Eaux usées/jus
- Aire stationnement pompiers
- Pente
- Talutage
- Détecteur gaz
- Détecteur incendie
- Bouton arrêt urgence
- Extincteur

Plan de masse

DATE : 22/07/2021 Ech : 1/500

[illegible][illegible]

The plan shows a 35m radius boundary (Rayon 35 m) enclosing the site. The property limit (Limite de propriété) is indicated by a dashed line. The site is surrounded by cultivated parcels (Parcelle cultivée). Key features include:

- Water Management:** A large rainwater storage tank (Bassin de tamponnement des eaux pluviales 1400 m³) with a geomembrane lining (Talutage géomembrane). A rainwater recovery tank (Citerne de récupération des eaux pluviales avec trop plein vers le réseau) is also present.
- Storage and Processing:** Four open storage silos for raw materials (4 Silos de stockage des intrants non couverts). A concrete zone (Zone bétonnée) contains a washing area (Aire de lavage), a 10 m³ pre-digester tank (Préfasse 10 m³ + pompe de relevage), and two pre-digester tanks (Préfasse 1, 2). A covered liquid digestate storage tank (Stockage digestat liquide couvert) is located near a phase separator (Séparateur de phase) and a pump well (Puits de pompe).
- Infrastructure:** A concrete ramp (Rampe d'accès), a covered solid input storage hangar (Hangar de stockage des intrants solides couvert), and a technical room (Local technique). A fire reserve tank (Réserve incendie 120 m³) is also shown.
- Access and Surroundings:** The site is accessed via a D11 road (Chemin d'accès D11) and a gate (Portail). The Nieuw Gracht canal (Nieuw Gracht) is nearby. The site is bordered by cultivated parcels (Parcelle cultivée) and has a 35m radius boundary (Rayon 35 m).

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- Storage and Processing:** Four open storage silos for raw materials (4 Silos de stockage des intrants non couverts). A concrete zone (Zone bétonnée) contains a washing area (Aire de lavage), a 10 m³ pre-digester tank (Préfasse 10 m³ + pompe de relevage), and two pre-digester tanks (Préfasse 1, 2). A covered liquid digestate storage tank (Stockage digestat liquide couvert) is located near a phase separator (Séparateur de phase) and a pump well (Puits de pompe).
- Infrastructure:** A concrete ramp (Rampe d'accès), a covered solid input storage hangar (Hangar de stockage des intrants solides couvert), and a technical room (Local technique). A covered digester (Digesteur couvert) and a covered post-digester (Post-digester couvert) are also shown.
- Access and Safety:** An access road (Chemin d'accès D11) and a fire reserve (Réserve incendie 120 m³) are located near the entrance. A fire station area (Aire stationnement pompiers) is marked with a red square. A fire extinguisher (Extincteur) is indicated by a red cross.
- Other Features:** A 35m radius boundary (Rayon 35 m), a property limit (Limite de propriété), and a 35m radius boundary (Rayon 35 m).

Légende

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- Piste graviers
- Espaces verts
- Clôture
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The plan also shows the location of the Nieuw Gracht and the A1766 and A1767 roads. The site is surrounded by agricultural land (Parcelle cultivée). The plan includes a legend (Légende) and a north arrow.

[illegible]

The figure is a detailed technical site plan for the SAS Flandre Biogaz facility. It shows a central industrial area surrounded by several agricultural parcels labeled "Parcelle cultivée". The plan includes numerous components:

- Water Management:** A large blue rectangular pond at the top left is labeled "Bassin de tamponnement des eaux pluviales 1400 m³". Other features include "Fosse de relevage débit de fuite 2l/s/ha (5,8/s)", "Citerne de récupération des eaux pluviales avec trop plein vers le réseau", and "Puits de pompe".
- Storage and Processing:** Four silos are labeled "4 Silos de stockage des intrants non couverts". There are two covered digesters: "Post-digester couvert" and "Digester couvert". A large circular tank is labeled "Stockage digestat liquide couvert". Other structures include "Séparation des silos murs mobiles STOMOS Béton", "Aire de lavage", "Zone bétonnée", "Rampe d'accès", and "Hangar de stockage des intrants solides couvert".
- Infrastructure:** A road labeled "Chemin d'accès D11" runs along the bottom left. A canal labeled "Nieuw Gracht" is on the far left. A red fire reserve area is labeled "Réserve incendie 120 m³".
- Safety and Access:** Various safety symbols are present, including gas detectors (orange circles), fire detectors (blue triangles), emergency stop buttons (red squares), and extinguishers (red crosses). An access point is marked "ACCES AU SITE".

A legend titled "Légende" is located in the bottom left corner, defining the symbols used throughout the plan.

Légende	
[Grey rectangle]	Zone bétonnée
[Light grey rectangle]	Piste graviers
[Green rectangle]	Espaces verts
[Dashed green line]	Clôture
[Yellow dashed line]	Biogaz
[Blue dashed line]	Alimentation en eau potable
[Red dashed line]	Eaux pluviales
[Brown dashed line]	Eaux usées/jus
[Red square]	Aire stationnement pompiers
[Black arrow]	Pente
[Black line]	Talutage
[Orange circle]	Détecteur gaz
[Blue triangle]	Détecteur incendie
[Red square]	Bouton arrêt urgence
[Red cross]	Extincteur

In the bottom right corner, there is a logo for "Resources & Développement Environnement" and the company name "SAS FLANDRE BIOGAZ". Below this, it says "Plan de masse". At the very bottom right, the date "DATE : 22/07/2021" and scale "Ech : 1/500" are provided.

[illegible]

Légende

	Zone bétonnée
	Piste graviers
	Espaces verts
	Clôture
	Biogaz
	Alimentation en eau potable
	Eaux pluviales
	Eaux usées/jus
	Aire stationnement pompiers
	Pente
	Talutage
	Détecteur gaz
	Détecteur incendie
	Bouton arrêt urgence
	Extincteur

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Environnement

SAS FLANDRE BIOGAZ

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