



- Confine catastale | Site Boundaries
- Fascia di rispetto dal confine - 5 m | Site Boundaries buffer zone - 5 m
- Recinzione | Fence
- Fascia di rispetto linea ferroviaria - 30 m | Railway buffer zone - 30 m
- Fascia di rispetto stradale - 7 m | Roads buffer zone - 7 m
- Fascia di rispetto Rio Magnano - 5 m
Area forestali e boschive (robinia pseudoacacia) T. A2_1
Asse o vegetazionale del PTCP1
- Riparian buffer zone Rio Magro - 5 m
Forest and woodland areas (robinia pseudoacacia) T. A2_1
Vegetation axis of the PTCP1

LEGEND OF ELEMENTS	
N°	NAME
01	FERMENTER 1
02	FERMENTER 2
03	POST FERMENTER 1
04	POST FERMENTER 2
05	LIQUID DIGESTATE STORAGE TANK 1
07	LIQUID DIGESTATE TRUCK LOADING AND UNLOADING AREA
08	OFFICES AND CONTROL ROOM
09a	CENTRAL PUMPING ROOM A
09b	CENTRAL PUMPING ROOM B
10	NON-FIBROUS SOLID WASTE HOPPER
11	FIBROUS SOLID WASTE HOPPER
12	SOLID WASTE RECEPTION BUNKERS
13	STRAW PRETREATMENT SHED
14	DEODORIZATION SYSTEM
15	SLURRY PIT
16	HEAVY VEHICLE WASHING SYSTEM
17	HEAVY VEHICLE SCALE
18	ELECTRICAL SECTIONING CENTER
19	ELECTRICAL TRANSFORMATION CENTER
20	SOLID/LIQUID SEPARATION SYSTEM
21	SOLID DIGESTATE STORAGE SHED
22	SILAGE RECEPTION AREA WITH PVC COVER
23	STRAW RECEPTION AREA WITH PVC COVER
24	FLARE SYSTEM
25	BOILER CONTAINER
26	EMERGENCY DIESEL GENERATOR
27	COMBINED HEAT AND POWER SYSTEM (CHP)
28	PRETREATMENT AND UPGRADING SYSTEM (BUP)
30	FIRST RAIN AND OIL TREATMENT
31a	COMPRESSOR
31b	REMI CABIN
32	GAS DISTRIBUTION CONNECTION POINT (SNAM)
33	FIRE PROTECTION SYSTEM
34	RAINWATER STORAGE POND
35	LEACHATES TANK
36	VEHICLE PARKING AREA
37	TRUCK PARKING AREA

NOTE GENERALI / GENERAL NOTES

- La quota relativa **+0.00** corrisponde alla quota assoluta **+61.800 m s.l.m** [The relative elevation **+0.00** corresponds to the absolute elevation **+61.800 m a.s.l.**]
- Le quote altimetriche sono espresse in metri [Altimetric elevations are expressed in meters]
- Tutte le misure sono espresse in cm salvo ove espressamente indicato [All measurements are expressed in cm unless otherwise specified]
- Per **NOTE E SIMBOLI** fare riferimento all'elaborato **SAR-STR-T-001** | For **NOTES AND SYMBOLS**, refer to drawing **SAR-STR-T-001**
- Per la **TABELLA MATERIALI** fare riferimento all'elaborato **SAR-STR-T-002** | For the **MATERIAL TABLE**, refer to drawing **SAR-STR-T-002**
- Per dettagli Waterstop vedere elaborato **SAR-STR-T-009** | For Waterstop details refer to **SAR-STR-T-009**
- Per dettagli di trattamento sottonivellazione vedere elaborati **SAR-STR-T-004** e **SAR-STR-T-020** | For soil replacement and details see **SAR-STR-T-004** e **SAR-STR-T-020**

Nr.	Date	Review Description	Reviewed by
03	30/05/2025	PRELIMINARY DESIGN - THIRD ISSUE	AS
02	12/05/2025	PRELIMINARY DESIGN - SECOND ISSUE	AS
01	30/04/2025	PRELIMINARY DESIGN - ISSUE FOR BIDDING	AS

Phase		PRELIMINARY DESIGN	
Subject		SARMATO (PC)	
		Plant for the production of biomethane from agricultural by-products and zootechnical waste Impianto per la produzione di biometano da sottoprodotti agricoli e reflui zootecnici	
Client		APIIS PV1 società agricola srl Via Gianni Brda 4 39100 Bolzano (BZ) P.IVA IT03171440211	Designer KELSE Engineering srl Corso Galileo Ferraris 70 10129 Torino (TO)
Planner		VORN Bionergy Italia srl Via Alessandro Volta 13/a 39100 Bolzano (BZ) P.IVA IT03025520218	

Nr. Drawing		Description	
SAR-GEN-T-002		Layout generale / General layout	
Designer	Controlled	Scale	Date
KELSE	AS	Come indicato	30/05/2025
Revision		03	

Vasche secondarie / Secodary tanks				
Mark	Edificio Building	Vasce Tank number	Area Area	Volume Volume
15	SLURRY PIT	1	93.03 m²	209.31 m³
20	SOLID/LIQUID SEPARATION SYSTEM	1	70.72 m²	254.59 m³
35	LEACHATES TANK	1	93.03 m²	209.31 m³

Platee di stoccaggio / Storage pads		
Mark	Descrizione Description	Area Area
22	SILAGE RECEPTION AREA WITH PVC COVER	98.2 m x 36.5 m (H= 5m)
23	STRAW RECEPTION AREA WITH PVC COVER	120 m x 22 m