

# ASLANBİYOĞAZ

BY DEVELOPING ENVIRONMENTALLY FRIENDLY SOLUTIONS THROUGH RENEWABLE RESOURCES, WE ARE MOVING CONFIDENTLY TOWARD AN ENERGY-INDEPENDENT AND SUSTAINABLE FUTURE.



*In energy, our goal is to work, produce, and grow together.*



|                                        |                                |
|----------------------------------------|--------------------------------|
| FOUNDING                               | 2021                           |
| CENTRAL OFFICE                         | Ankara - Türkiye               |
| FIELDS OF ACTIVITY                     | Enerji Üretimi / Biogas Energy |
| PRODUCTION CAPACITY                    | 45.000 MW per Year             |
| MAIN SOURCE - TOTAL INSTALLED CAPACITY | 6,176 MWm / 6,000 MWe          |
| AUXILIARY SOURCE: SOLAR (GES)          | 1,91675 MWm                    |



Aslan Biyogaz Energy Production Facility operates in the Bala district of Ankara. Equipped with modern technology, our facility contributes to our country's energy needs with its environmentally friendly production approach and sustainability focused strategy. We are steadfastly continuing our nature friendly investments to leave a more livable world for future generations.

### Energy Production Capacity

Our facility generates electricity with an installed capacity of 4.5 MW/hour. The energy obtained from a daily feed of 650 m<sup>3</sup> of biogas is transferred directly to the grid, providing significant advantages in terms of both the environment and the economy by ensuring the efficient use of local resources.

### Waste Management and Added Value

The by-products generated during biogas production are reused according to the zero-waste principle: By-products generated during biogas production are reused according to the zero-waste principle:

- Liquid fertilizer is used on agricultural land to increase soil fertility.
- Solid fertilizer is processed in the organic fertilizer production unit and offered to farmers, promoting the use of natural fertilizers. This protects the environment and contributes economically to regional agriculture.

### Hybrid Energy Model

Aslan Biyogaz produces not only biogas but also hybrid energy with a 1.91675 MW capacity Solar Power Plant (SPP). This model enables the generation of stable, renewable, and low-carbon energy throughout the year.

### Our Vision

Aslan Biyogaz aims to protect the environment through sustainable energy production, support local agriculture, and contribute to our country's energy independence.

