

Zorlu Enerji Environmental Impact Reduction Strategy for Managed Lands

Objective

Zorlu Enerji is committed to minimizing environmental impacts on lands owned, leased, or managed for its production activities. This strategy outlines specific initiatives aimed at rehabilitating and preserving disturbed areas in alignment with the LSEG ESG Rating standards, with a particular focus on geothermal, electricity distribution lines and wind energy projects.

Key Initiatives

1. Tree Transplantation Project

During the construction of the Kızıldere 3 Geothermal Power Plant in Aydın, Buharkent, Zorlu Enerji executed a large-scale tree transplantation project to reduce the ecological impact.

- **Description:** 1,600 fig and olive trees from the project area were safely transplanted to a designated site 15 km away prior to construction activities.
- **Objective:** To preserve local vegetation by relocating mature trees to a nearby site rather than removing them entirely, thereby supporting biodiversity.





2. 'Breath for the Future, Breath for Humanity' Reforestation Initiative

Zorlu Enerji participated in Turkey's National Afforestation Day on November 11 by planting trees on forest land in the Eskişehir region, previously damaged by wildfire, in cooperation with the Directorate General of Forestry.

- **Description:** A total of 450 saplings were planted, including Black Pine, Juniper, Wild Pear, Mahaleb Cherry, Ash, Maple, and Almond trees.
- **Objective:** The project aims to rehabilitate burned forest areas and foster natural regeneration. Additionally, Deer and Oak species are expected to germinate naturally. Post-planting maintenance and supplementation will be conducted by Eskişehir Forest Regional Directorate teams for at least three years.

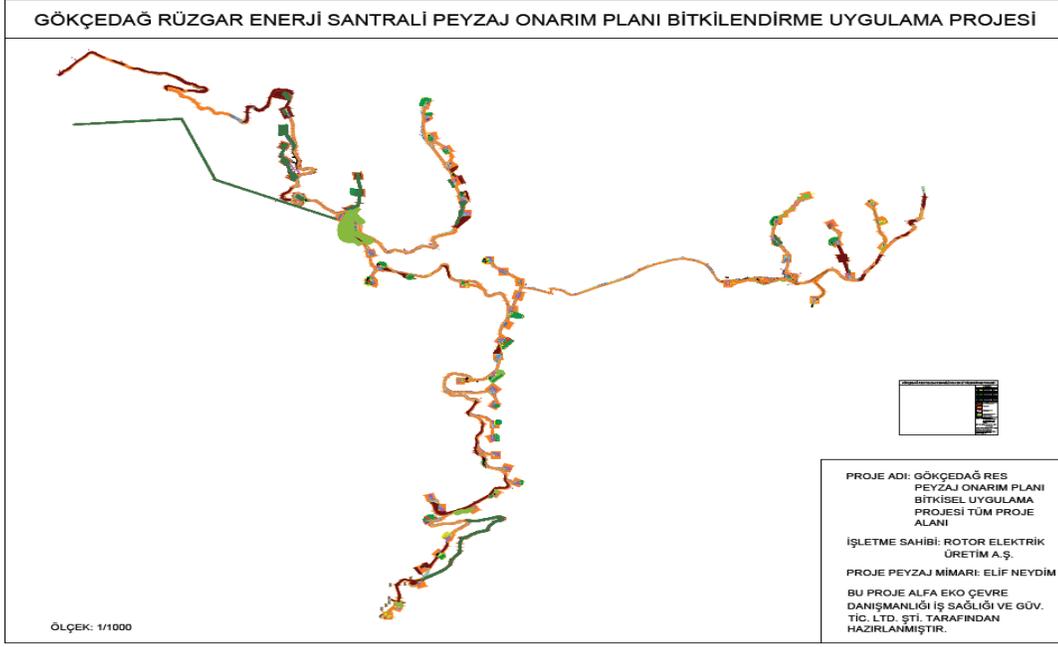




3. Bahçe Wind Power Plant (WPP) Turbine Pedestal Area Transplantation Project

At the Bahçe Wind Power Plant in Osmaniye, Zorlu Enerji undertook a reforestation and landscaping project in collaboration with the Directorate General of Forestry.

- **Description:** Areas that were cleared for turbine relocation were subsequently reforested and landscaped as part of a rehabilitation effort.
- **Objective:** To restore land disturbed by wind power infrastructure, aligning with sustainable land management practices.



Conclusion

Zorlu Enerji's commitment to land rehabilitation and reforestation not only mitigates the environmental impacts of its energy projects but also supports local biodiversity and contributes to broader conservation efforts. This strategy represents our ongoing efforts to reduce our ecological footprint, ensuring that the lands we utilize are preserved and rehabilitated responsibly.