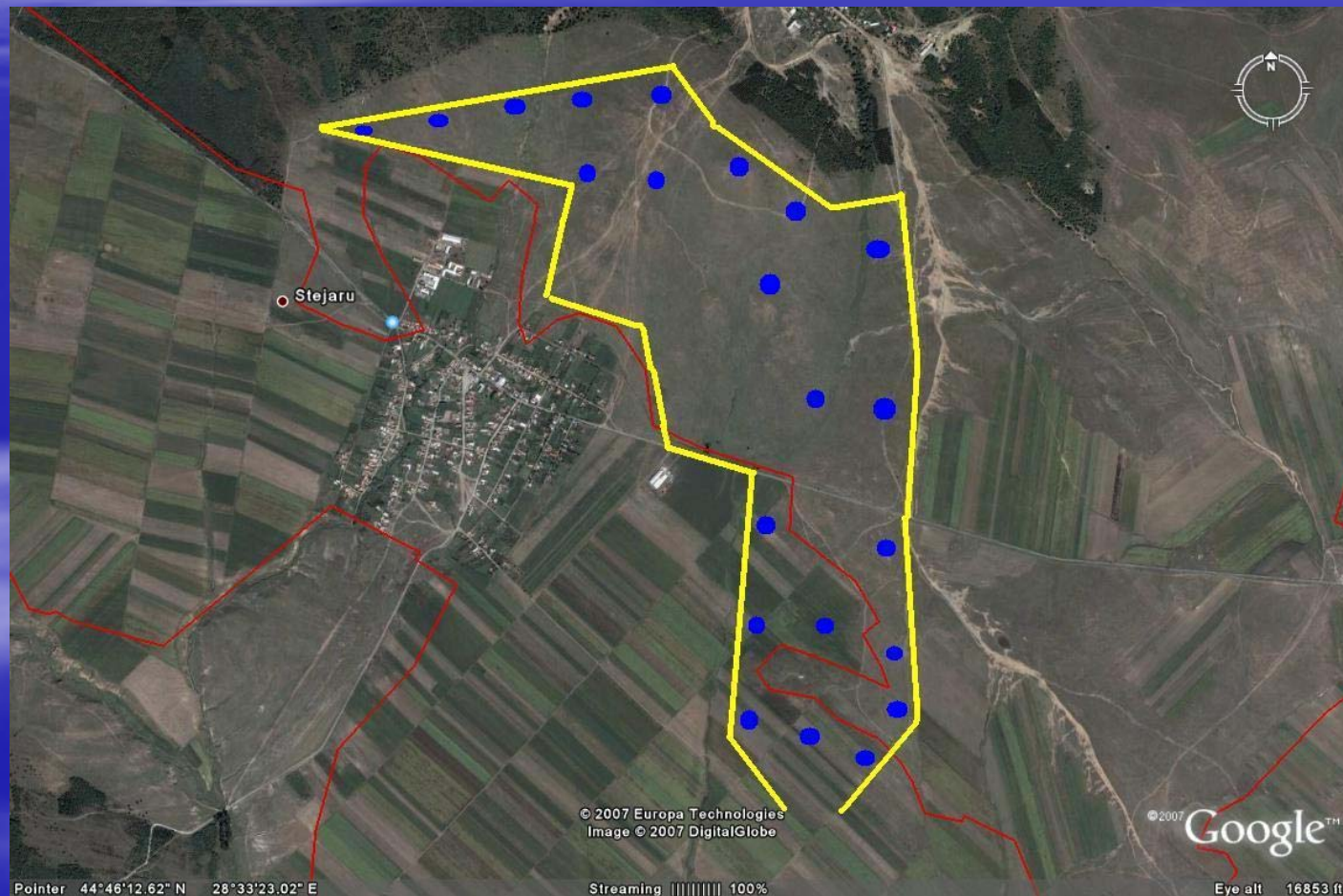


**110/20 KV AEOLIAN PARK
WITH TRANSFORMER
STATION AND ELECTRIC
CONNECTION**

Stejaru village, Tulcea county

AEOLIAN POWER POINT INSTALLATION

The objective, consisting of 22 Aeolian wheels, is located on an area of about 567 ha, located outside of the Stejaru village area.



Current situation

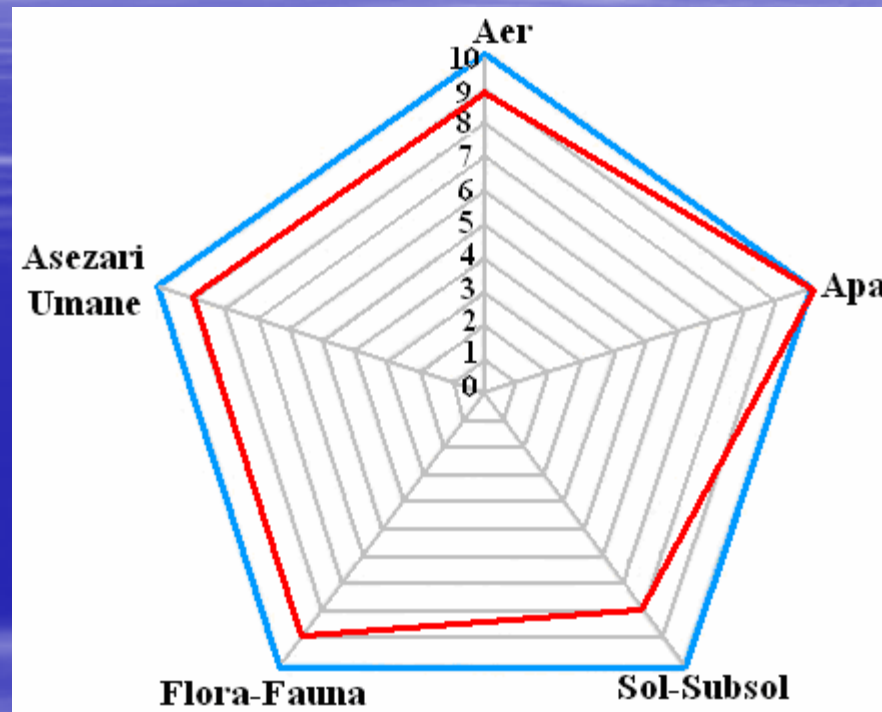




EX: Aeolian park with ENERCON wheels – Estonia



PROJECTED IMPACT ON THE ENVIRONMENT



Calculation to establish the “Global Pollution Coefficient”, leads to the following value: **IPG = 1,25**

In conformity with the “Quality index”, for $IPG = 1,25$ establishes that with the projected objective, *the environment governs the admissible limits to the human activity* .

CONCLUSION

- **The Aeolian power-plant has a positive impact on the landscape.**
- **The Aeolian power-plant does not bring any kind of pollution onto the environmental agents during its operational cycle.**
- **The beneficial effect of electricity production by means of non pollutant procedures cannot be denied.**
- **The area lay-out does not affect in any way the fauna and the vegetation and does not have any kind of impact on environmentally protected areas (parks, natural reservations etc.)**
- **Aeolian power-plant location in the close neighborhood of human agglomerations is recommended in the technical literature as migratory birds usually avoid these areas. Their nesting and feeding areas are usually outside of inhabited areas.**
- **In Romania this is the first Aeolian park of these dimensions. This is the reason why, in the beginning, we recommend the assemblage of a maximum number of 18 Aeolian wheels. After monitoring the impact of the Aeolian park on the environment assembly of the other 4 Aeolian wheels can commence.**