

## Challenge 6: Europastadt GörlitzZgorzelec GmbH – Autonomous energy generation for the future Deutsch-Ossig vacation village on Lake Berzdorf

### About the Company

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The town of Görlitz is an important and growing tourist destination in Upper Lusatia and Saxony. Lake Berzdorf is located right outside the city gates. In the past, lignite was mined in a scenic setting with fantastic views of the nearby mountains. After years of recultivation, the approximately 960-hectare lake now blends harmoniously into the landscape and there are already numerous offers for active recreation and relaxing vacations. Lake Berzdorf is also an exciting playing field for private investors to exploit existing development opportunities and realize their own projects.

### Transformation Processes in the Company

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Deutsch-Ossig, the "residual village" left over after lignite mining, is located directly on Lake Berzdorf. Plans envisage tourism development opportunities here in the areas of gastronomy, vacation apartments and guesthouses, with the majority of use in summer. However, infrastructural development is difficult. The initiative aims to establish a self-sufficient energy supply that promotes local tourism development, reduces the carbon footprint and is aligned with the city's sustainability goals. It is expected that this transformation process will improve the conditions for the construction and operation of existing and additional tourist facilities during the peak summer season.

### Challenges in these transformation processes

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The primary challenge is to develop and implement an autonomous energy generation system that meets the seasonal requirements of the tourism sector in Deutsch-Ossig while ensuring environmental sustainability and economic viability. We are particularly interested in technologies that enable a self-sufficient reliable and sustainable energy supply to support the development of tourism in Deutsch-Ossig.

### Targeted benefits

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Successful implementation of autonomous energy generation should open up new markets, provide economic benefits, increase energy efficiency and contribute to the city's sustainability efforts.

### Responsible Person

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