

Reflection Sheet – Artificial Intelligence in the Energy Sector

Phase: Reflection & Consolidation

Duration: 10–15 minutes

Instructions:

After reviewing the presentation on Artificial Intelligence in the Energy Sector, write a short reflection (½ page ≈ 200 words). Use the guiding questions below to support your thinking.

Part 1 – Understanding

- What are two new things I learned about how AI supports the energy sector?
- How does AI contribute to efficiency, sustainability, and CO₂ reduction?

Part 2 – Application

- Which AI application (e.g., grid optimization, renewable forecasting, predictive maintenance) impressed me the most – and why?
- How could similar AI approaches be applied in my daily life, school, or future career?

Part 3 – Critical Thinking

- What risks or challenges arise when using AI in the energy sector (e.g., data quality, black-box models, regulatory issues)?
- How can these risks be addressed?