

Outline of a study *analysing the local geological and mining conditions in Albania and Serbia, and on that basis identifying principle-based guidelines for designing and implementing a programme for an efficient, safe, and environmentally conscious mine closure in the targeted countries.*

Executive Summary (approx. 3 pages)

1. Introduction (approx. 2 pages)

2. Statement of the problem (approx. 2 pages)

- Importance of proper mine closure
- Identification of matters that need to be addressed throughout the process

3. Current situation of coal mines in Albania and Serbia (approx. 4 pages)

- Scale of coal extraction
- Number of active mines and types of extraction methods employed,
- Number, types of inactive mines, and their closure status,
- Number and types of mines set for closure
- The existing Governmental strategies on mine closure and land repurposing

4. General analysis of the local geological and mining conditions in Albania and Serbia (approx. 4 pages)

5. Identification of the problems related to mine closure and their scale in the beneficiary States (general description plus analysis of the situation in each State, approx. 10 pages)

- Ground water and surface water
- Fugitive gases (e.g., methane, carbon dioxide)
- Underground coal fires and fires in waste dumps
- Monitoring of subsidence of mined lands and prevention of other ground surface movement
- Monitoring and remediation of chemical pollutants that may leach from mine waste dumps

6. Recommendations on addressing the identified problems in each of the beneficiary States (approx. 10 pages)

- Management and remediation of ground water and surface water drainage systems
- Prevention of air pollution from fugitive gases (e.g., methane, carbon dioxide)
- Extinguishing and preventing underground coal fires and fires in waste dumps
- Mined lands subsidence
- Chemical pollutants from mine waste dumps

7. Analysis of a potential for repurposing mined land for future use in each of the beneficiary States (approx. 6 pages)

- Potential uses of the reclaimed mined land by local communities and businesses
- Costs and benefits of various options

8. Technical, principle-based guidelines for designing and implementing national programmes for an efficient, safe, and environmentally conscious mine closure in each of the beneficiary States (approx. 6 pages)

- The proposed scope, structure, content, and objectives
- Data and knowledge management

9. Conclusions and recommendations (maximum 2 pages)

10. References

11. Annexes (if necessary)