

Preparation of Spiroclast of Mobile belt between Gondwana and Eurasia

1. Project Category	Minerals\Mapping
2. Project Title	Preparation of Spiroclast of Mobile belt between Gondwana and Eurasia
3. Project Objective(s):	This project aims to use data from geological, geomagnetic, GPS velocity field, tectonic, stress direction, block rotation, seismic hazard maps and other geological data set in mobile belt between Eurasia and Gondwana to provide a spiroclast map of ECO region. In this project, the spiroclast map of Afghanistan, Azerbaijan, Iran, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan, Turkey, Turkmenistan, and Uzbekistan will be provided.
4. Project Budget:	USD 50 000 and in-kind contribution
5. Project Funding Source:	In-kind contribution is expected to be covered by Tabriz University USD50000 may be allocated from the ECO Feasibility and General Purpose Fund (FSGPF)
6. Coordinating Country/Organization:	ECO Secretariat – Energy Minerals and Environment
7. International/Regional Partner:	Group of experts from Tabriz University
8. Duration of Project (Months):	9-12 months
9. Project Starting Time (M/Y):	2022
10. Project Progress Ratio(%):	-
11. Expected Project Completion Time (M/Y):	- 2023
12. Project Budget Released (%):	-
14. Background: <p>The subject project proposal was first initiated by GSI following the 6th ECO Minerals Experts Group Meeting, held on 17-18 October 2016 in Sungun Mine Complex in Varzeghan Area, Tabriz, I.R. Iran. As per the recommendations of this Meeting, the relevant authorities of I.R. Iran provided the Secretariat with the Concept Papers on (i) Geodynamic and present-day Crustal Stress (ECO-GeoDyS) Map of the</p>	

ECO Region; (ii) Preparing Eco-Environmental Quality Index (EQI) Map (1:5M) of the ECO Region (ECO-EQI); (iii) Preparation of Mineral Deposit Types and Metallogenic Map of the ECO Region; and (iv) Spiroclast Map of mobile belt between Gondwana and Eurasia, which were accordingly circulated among the Member States for their views and comments.

The 28th RPC Meeting (11-14 December 2017, Islamabad, Pakistan) requested the Member States (except Tajikistan) to expedite providing the Secretariat with their views/comments on the Concept Paper of project proposal on Preparing ECO-Environmental Quality Index (ECO-EQI) Map of the ECO Region.

Following the circulation of the concept paper, the Secretariat regularly requested the Member States through its Notes Verbales, as well as during 28th and 29th RPC Meetings and 7th ECO Minerals Experts Group Meeting to expedite providing with their views and comments on the referred concept paper.

15. Current Status:

On April 26, 2022, with the aim to increase participation from more Member States, the Secretariat along with Iran, co-organized validation meeting to attract them and approve validity of ToR. Participated Member States supported project. The Meeting report by silence procedure has been adopted on May 20, 2022.

16. Necessary Actions and Assistance Needed:

1. The initiator country together with the Secretariat may appeal one of the next CPR meetings for consideration and allocation of 50000USD from the ECO FGPF for the said project. In this scenario, upon decision of CPR the contract will be undertaken by ECO Secretariat and the project manager – Tabriz University.
2. All Member States are required to take active part to share necessary information during project implementation process.

17. Expected Outcomes of the Project:

Outcomes:

Outcome I: ECO Member States will receive accurate map in which the exact location of faults and their structural relationship with each other will be determined and earthquake prone areas will be identified.

Outcome II: ECO Member States will be able to alleviate effect of drastic earthquakes by identifying earthquake-prone areas.

Outcome III: Benefits of the project for ECO Member States will be sensed in alleviation of otherwise sensible economic and social losses.