

ANFAS Energy

Scope of Work

Joint-Cooperation with Korean Companies

**Clean Energy: Investment in Energy Fields that Includes
Environmental Conservation and Carbon Reduction,
Security and Safety**

Areas of Cooperation

1. Green Hydrogen

2. Nuclear energy

**3. Uses of Ionizing Radiation, Radioactive
Materials, Security, Safety, Health and Environment**

Green Hydrogen

1. Technology Transfer
2. Research
3. Training and Education

Nuclear energy,

**Uses of Ionizing Radiation, Radioactive Materials,
Security, Safety, Health and Environment**

1. Radiation protection

2. Materials, reagents, technologies, and devices necessary for radiological and nuclear work, scientific research, environmental control, public safety, and health and security services.

3. Nuclear safety

4. Nuclear waste management

5. Management of sealed radioactive sources

6. Medical Physics

7. Nuclear Security

8. Nuclear Energy

9. Nuclear Medicine

10. Quality assurance tests for diagnostic radiology devices

11. Radiation accident planning, and response to radiation accidents and emergencies.

12. Create radiation emergency plans for institutions

13. Natural radiological environmental impact assessment

14. Naturally Occurring Radioactive Materials (NORM) in oil and gas production, water desalination, and mining industries, their treatment and disposal.

15. Security and safety of hazardous materials, chemical, biological, radiological, and nuclear (CBRN).

16. Preparing plans for transporting hazardous materials, chemical, biological, radiological, and nuclear.

17. Emergency response to chemical, biological, radiological, and nuclear agents.

18. Uses of radiation in medicine, industry, research and education

19. Nanoscience and technology in the medical, health and environmental fields and evaluating their health and environmental risks

20. Artificial intelligence in radiation sciences and applications and radiation protection.

21. Applied diploma programs in the fields of radiation uses, radiation protection, and nuclear security.

22. Operating laboratories, research, and teaching laboratories to serve the medical, industrial, and research community in the Kingdom.

23. Training and education

24. Scientific research, consultations, and studies

25. Students training (graduates and undergraduates).