Joint Statement on cooperation in the field of Nuclear Energy

In fulfilment of the measures set out in the Joint Comprehensive Plan of Action, and in particular its Annex III on civil nuclear cooperation, the European Commission, and the Atomic Energy Organization of Iran, hereby declare their intention to initiate cooperation on the peaceful uses of nuclear energy set out below.

Scope of the cooperation

A regular high-level dialogue meeting once a year (*the Framework for Partnership on Nuclear Energy*) should be established to review topics of common interest in the nuclear field.

Partnership activities should cover the following areas:

a. Nuclear Safety;
b. Radiation Protection;
c. Emergency Preparedness & Response;
d. Waste and spent fuel management;
e. Nuclear Research & Development;
f. Non-power applications of nuclear energy

Working groups and expert groups could be established as necessary and meeting as frequently and for as long as necessary to effectively implement the partnership activities.

The projects and activities envisaged for implementation in the first phase are described in the next section. Those responsible for the implementation of projects will brief the high-level dialogue on progress made.

Initial cooperation activities

It is the intention of the two sides to launch the first activities during 2016 under the Instrument for Nuclear Safety Cooperation with the funding from the EU of the project "Enhancing the capabilities of the Iran Nuclear Regulatory Authority (INRA)". This project addresses:

1. Cooperation on the stress test process for existing and planned nuclear power stations in support of the operator of the nuclear power stations and of the regulatory authority;
2. Feasibility study for establishing a nuclear safety centre in Iran;
3. Support to the Iran Nuclear Regulatory Authority (INRA) to jointly review the regulatory framework in Iran, taking into account the lessons learned from the Fukushima Daichii accident, and enhance the INRA's technical capacity and organisation;
4. The provision of training and tutoring to nuclear safety professionals;

5. Assistance and collaboration in outreach activities, in particular supporting the organisation of an international conference on nuclear safety, possibly in Iran.

Iran will respond to the invitation to participate in the fission and fusion Calls of the Euratom Programme with deadline October 2016. In particular, several R&D areas of the JCPOA-Annex III are reflected in the Euratom Work Programme 2016-2017 [attached]. In the Euratom programme they are eligible for automatic funding.

The two sides also intend to work together to develop activities as set out below:

1. Support Iran's accession to, and exchange of experiences on, the principal international legal instruments and conventions governing nuclear safety and security, waste and spent fuel management, and nuclear physical protection;
2. Exchange of experiences for the prevention of, and preparedness and response for, emergencies with radiological consequences;
3. Exchange of experiences by European Nuclear Safety Regulators and European Technical Support Organisations with Iran;
4. Cooperation in training and skills development, including through hosting Iranian research staff at EU research facilities;
5. Facilitating Iranian participation and involvement in fission and fusion research actions under the Euratom Framework Research Programme 2014-2018 including bilateral cooperation with Joint Research Centre as well as examining the deepening of cooperation with the ITER project to construct a demonstration fusion power reactor;
6. Promotion of ties between industrial actors.

Attachment: Areas of potential Iranian involvement in the Euratom Call 2015-2016

R&D areas	JCPOA Annex III	Euratom R&D WP 2016-17
Safe operation of light water reactors (LWRs)	B.4.1	NFRP 1
Small and medium reactors (SMRs)	B.4.1	NFRP 4
Research reactors (RRs) and applications	B.4.2 - C.7.3	NFRP 10
Instrumentation & control (I&C)	B.4.3	NFRP 1
Nuclear codes	B.4.4	NFRP 1
Education and training (E&T) - Operators	B.4.6 - D.8.5	NFRP 12
Plasma physics and fusion technology	C.7.2 - C.7.4.3	EUROfusion
Nuclear desalination	C.7.3.3	NFRP 1
Emergency preparedness Severe accident management capability	D.8.4	NFRP 1
Nuclear medicine	E.11	NFRP 9
Radiation protection – Low doses		NFRP 9
Waste management and depository Visit to relevant sites	F.12/13 F.14	NFRP 7, 8