

FUSION POWER CO-ORDINATING COMMITTEE MANDATE¹

1. Objective

The overall objective of the IEA Fusion Power Co-ordinating Committee (FPCC) is to enhance fusion research, development and deployment (RD&D) activities with a strategic approach to realising fusion energy in both IEA member countries and in non-member countries. The FPCC accomplishes this objective by promoting, initiating and co-ordinating international co-operation on fusion under the auspices of the IEA and within the IEA Framework for International Energy Technology Collaboration.

In pursuing this objective, the FPCC is guided by the IEA shared goals: enhancing energy security, environmental protection and economic growth. The FPCC reports and provides advice on fusion technology to the IEA Committee on Energy Research and Technology (CERT), the IEA Governing Board and other IEA bodies.

2. Functions

The functions of the FPCC are to:

- (a) Identify high-priority R&D areas and technology applications of fusion power where international co-operation is particularly worthwhile and cost-effective;
- (b) Promote, initiate and support collaboration activities in such areas through the IEA Implementing Agreements and other mechanisms for international co-operation and information exchange;
- (c) Co-ordinate, promote and review the activities carried out by the Implementing Agreements, provide guidance to their Executive Committees, encourage the establishment of new Implementing Agreements as appropriate, and encourage and promote the rationalisation and efficiency of the existing Implementing Agreements;
- (d) Provide the CERT with reviews of the activities of the Implementing Agreements, technical and policy advice, information on advances in international fusion RD&D programmes and roadmaps towards fusion energy realisation;
- (e) Exchange information and organise meetings with other IEA bodies with particular emphasis on topics concerning long-term energy scenarios and technology projection studies;
- (f) Co-operate and exchange information with other international organisations which are active in fusion RD&D, namely the International Atomic Energy Agency (IAEA), the International Tokamaks Physics Activity (ITPA), and the OECD Nuclear Energy Agency (NEA);
- (g) Encourage, promote and provide guidance for more efficient contribution to ITER and the Broader Approach activities.

(c) OECD/IEA (2009)

¹ As approved by the Committee on Energy Research and Technology at its meeting on 6-7 October 2008.

3. Membership

All IEA member countries and the European Commission can be members of the FPCC. Member countries are represented by national Delegates whose responsibilities and activities relate to policy, RD&D and technology applications in the area of fusion energy.

To pursue its objectives, the FPCC may, upon unanimous consensus of the FPCC members, invite representatives of non-IEA member countries and international organisations to attend the FPCC meetings and participate in the FPCC activities.

4. Working Procedures

The FPCC operates under a three-year renewable Mandate approved by the CERT. The request for renewal of the Mandate as well as the FPCC strategy plan will be submitted to the CERT for approval prior to the expiration of each three-year term.

The FPCC members will elect one Chair and two Vice-Chairs for a three-year term in principle, and nominate possible candidates to the IEA Secretariat prior to the election. The IEA Secretariat shall propose the procedure for the selection of the candidates.

The FPCC will carry out its functions without disclosing any confidential or proprietary information.

5. Reporting

The FPCC will report to the CERT on progress of its activities, outcomes of work plans and strategies, and any recommendations aimed to advancing the international fusion programme.