

1. INTRODUCTION

This document presents a foresight of the fusion activities to be carried out in 2006 in the frame of:

- The Contract of Association between the European Atomic Energy Community (EURATOM) and Instituto Superior Tecnico (IST);
- The European Fusion Development Agreement (EFDA);
- The Contract of Associate Laboratory signed between IST and “Fundação para a Ciência e a Tecnologia” (FCT).

Section 2 concerns the tokamak ISTTOK while section 3 foresees the activities related with the participation of the Association EURATOM/IST on the use of the JET facilities by the EFDA Associates. Sections 4 to 7 deals with the Portuguese participation on the following foreign projects: ASDEX Upgrade, TJ-II, MAST and TCV. Sections 8 and 9 contain information about the participation of the Association EURATOM/IST on the ITER project and regarding the collaboration with the Association EURATOM/CEA. Sections 10 and 11 present activities on theory and modelling as well as on control, data acquisition and signal processing, which are not related with the previously referred projects. Section 12 describes the keep-in-touch activities on inertial fusion energy. Section 13 contains information about the Portuguese participation on the Fusion Technology Programme, while section 14 presents other fusion-related activities.