

## Introduction

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This White Paper reports on various measures Japan has taken in order to implement the promotion of science and technology, as stipulated in Article 8 of the Science and Technology Basic Law (Law No. 130 of 1995).

This report consists of two parts. Part I is entitled "Science and Technology as a Foundation for Innovation" and presents the relevant trends of scientific and technological activities and may serve to assist in understanding Part II, which describes the measures taken to promote science and technology.

This White Paper also includes two additional features: "Recovery and reconstruction from the Great East Japan Earthquake through S&T," which summarizes how science and technology have been used in tackling cases of reconstruction and recovery during the two years that have passed since the Great East Japan Earthquake, and "New Developments in Regenerative Medicine, Drug-Discovery through Human iPS Cells," which summarizes the challenges and future efforts associated with tissue engineering in the areas of regenerative medicine and drug-discovery, as has been practiced by practically using the iPS cells created by Shinya Yamanaka, M.D., Ph.D., a professor at Kyoto University