The mobilization of science is a process that requires the concerted effort of scientific and technical personnel, resources, and facilities in relation to the national need. The subsequent delay and ineffectiveness in meeting the urgent scientific and technical problems of the national defense and essential civilian needs; the trend toward monopolized control of scientific and technical data and other resources with lack of access thereto in the public interest; and the absence of an effective Federal organization to promote and coordinate, in the national interest, scientific and technical developments. The purposes of this Act accordingly are:

(1) To appraise the current use of scientific and technical knowledge, facilities, and personnel, and to develop comprehensive national programs for the maximum use of science and technology in the national interest in periods of peace and war;

(2) To mobilize for the prosecution of the war all scientific and technical facilities and personnel;

(3) To facilitate after the war the transition of the national economy from the tasks of war to peacetime enterprise.