



CHARTER of the  
SUBCOMMITTEE ON BUILDINGS TECHNOLOGY RESEARCH AND DEVELOPMENT  
COMMITTEE ON TECHNOLOGY  
NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

**A. Official Designation**

The Subcommittee on Buildings Technology Research and Development (BTRD) is hereby established by action of the National Science and Technology Council (NSTC) Committee on Technology. For purposes of this document, research and development (R&D) includes fundamental research, applied R&D, technology development and engineering, demonstrations, and education and training, and “agencies” refers to Federal agencies, departments, directorates, foundations, institutes, and organizational entities.

**B. Purpose and Scope**

The purpose of the BTRD Subcommittee is to coordinate interagency buildings technology R&D activities as follows:

- Provide R&D guidance aimed at supporting advances in buildings technology and related infrastructure, with a particular focus on enabling the energy efficient, automated operation of buildings and building systems;
- Provide R&D guidance to enable sustainable renewal of the nation’s physical infrastructure, improve construction productivity, and enhance disaster resilience of buildings.
- Serve as a forum for collection, analysis, and dissemination of federally funded research results and other pertinent information on enhancing building performance to industry, government entities, and the public, as appropriate;
- Interact with Federal agencies that own, construct, lease, or provide financial assistance for facilities, in order to identify their buildings technology R&D needs;
- Facilitate the implementation of requirements of EPACK 2005, EISA 2007, and Executive Order EO 13514 and other statutory requirements and executive orders related to high-performance green buildings.

### **C. Functions**

The BTRD Subcommittee shall:

- Assess existing Federal support for and policies relevant to buildings technology R&D;
- Identify priorities and opportunities with respect to the interagency R&D portfolio, as appropriate;
- Based on identified priorities and opportunities, develop a long-range, interagency R&D coordination plan;
- Coordinate with other NSTC Subcommittees, including the Infrastructure Subcommittee of the Committee on Homeland and National Security, and the Subcommittee on Disaster Reduction of the Committee on Environment and Natural Resources, on issues of mutual interest;
- Coordinate, as necessary, relevant planning, implementation, and review of buildings technology R&D across Federal agencies;
- Maintain and oversee interagency working groups and/or coordinating groups as needed to support the BTRD;
- Maintain appropriate communication and interaction with Congress, academia, industry, and other relevant stakeholders on BTRD activities.

### **D. Membership**

The following Federal departments are represented on the BTRD Subcommittee:

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of Housing and Urban Development
- Department of the Interior
- Department of Labor
- Department of State
- Environmental Protection Agency
- General Services Administration
- National Aeronautics and Space Administration
- National Science Foundation
- National Security Agency
- Veterans Administration
- Executive Office of the President

Other Federal agencies with interest in Buildings Technology R&D may participate in the Subcommittee's activities.

**E. BTRD Subcommittee Leadership and Operations**

The BTRD Subcommittee will be structured as follows:

- NIST and DOE shall co-chair the Subcommittee.

**F. Private-Sector Interface**

The BTRD Subcommittee may interact with the PCAST and may receive *ad hoc* advice from other Federal advisory bodies and from private-sector groups as consistent with the Federal Advisory Committee Act.

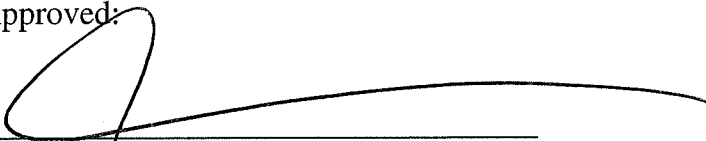
**G. Termination Date**

Unless renewed by the chair of the Committee on Technology prior to its expiration, the Subcommittee on Buildings Technology Research and Development shall be subject to termination no later than December 31, 2012.

**G. Determination**


We hereby determine that the formation of this Subcommittee is in the public interest in connection with the performance of duties imposed on the Executive Branch by law, and that such duties can best be performed through the advice and counsel of such a group.

Approved:



Aneesh Chopra  
U.S. Chief Technology Officer and  
Co-Chair of the NSTC's Committee on Technology

7/29/10  
Date



Vivek Kundra  
U.S. Chief Information Officer and  
Co-Chair of the NSTC's Committee on Technology

08/02/10  
Date



Philip J. Weiser

Senior Advisor to the NEC Director for Technology and Innovation  
Co-Chair of the NSTC's Committee on Technology

8/9/10

Date