

Committee on Technology

Subcommittee on Buildings Technology Research and Development Charter

Preamble

The Subcommittee on Buildings Technology Research and Development (“the BTRD Subcommittee”) 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.

Purpose

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, enhance disaster resilience of buildings, and benefit human health and productivity;
- 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;
- Implement provisions of Section 913(a)-(c) of the Energy Policy Act of 2005 (P.L. 109-58).

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.

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*
- *Department of Veterans Affairs*
- *Executive Office of the President*

and other Federal departments that wish to participate.

BTRD Subcommittee Leadership and Operations

The BTRD Subcommittee will be structured as follows:
NIST and DOE shall co-chair the Subcommittee.

Private-Sector Interface

The BTRD Subcommittee may interact with the President's Council of Advisors on Science and Technology and may receive *ad hoc* advice from other Federal advisory bodies and from private-sector groups as consistent with the Federal Advisory Committee Act.

Termination Date

Unless renewed by the Committee on Technology prior to its expiration, the BTRD Subcommittee shall terminate no later than September 30, 2009.

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 by such a Subcommittee.

Approved:


Richard M. Russell
Chair, NSTC Committee on Technology

Dec 14, 2007
Date