

Buildings Technology Research and Development Workgroup Meeting

February 28, 2008

Location: GSA Regional Office, 7th and D
Time: 9:00-11:00 a.m.

Attendees¹

Shyam Sunder
Jerry Dion
Kevin Hurst
Paul Domich
Dru Crawley
Alan Schroeder
Mark Halverson
Patrick Hughes
Paul Torcellini (via telephone)
Bobbie Lippiatt
Andy Persily
Steve Bushby
Hunter Fanney
John R Weber
Ken Sandler
Alison Kinn
Dale Manty
Dana Bres
Martin Weiland
Russell Conklin
Donna McIntire
Ewa Lewandowska
William Brodt (via telephone)
Peter Kelley (via telephone)

Agency/Office

DOC/NIST
DOE/EE-Buildings
EOP/OSTP
DOC/NIST
DOE/EE-Buildings
DOE/EE-Buildings
PNL
ORNL
NREL
DOC/NIST
DOC/NIST
DOC/NIST
DOC/NIST
Architect of the Capitol
EPA/Green Buildings
EPA/OFEE
EPA/ORD
HUD/PD&R
GSA
DOE/CCTP
DOS/OBO
Smithsonian
NASA
DOS/OBO

BTRD Co-chair
BTRD Co-chair
BTRD Ex-Sec

Next Meeting: March 25, 2008, 1:30 - 3:30 PM, 950 L'Enfant Plaza DOE)

April 17, 2008
May 15, 2008
June 19, 2008
July 17, 2008
August 21, 2008

September 18, 2008
October 16, 2008
November 20, 2008
December 18, 2008

¹ Active Members not attending identified in light gray

Introductions: Workgroup Co-chairs Dru Crawley (DOE) and Paul Domich (NIST) opened the meeting of the Buildings Technology Research and Development (BTRD) workgroup welcoming the agency representatives and thanking them for their participation. Agency participants provided brief self-introductions.

Review of Minutes: Minutes from the previous February 8th meeting were distributed for correction and comment.

Review of Timeline and Deliverables: Domich provided a review of the established timeline and deliverables for the development of the Federal R&D Priorities Report. The next draft version (including any changes from the February 28th meeting) will be distributed to several other select Federal interagency groups for their review and comment. Their feedback on the report will be discussed at the March 25th meeting and addressed as appropriate. The first refined draft document is expected in April 2008. This draft will be circulated to OSTP and OMB for a preliminary review prior to the 2010 budget review cycle. The refined draft will be then circulated to participating NSTC agencies for final agency review and sign-off. The final approved document will be publicly available in August 2008.

Proposed 2008 Workshop: Dru Crawley briefed the Subcommittee on a proposed spring 2008 workshop focusing on soliciting stakeholder input on technology R&D focused on energy efficiency for buildings. The date for the meeting will move to May 2008. Crawley will fix the date for the workshop by the next meeting.

Action Items: Crawley will select a date for the May Workshop.

Review of Progress: Paul Domich provided a high-level overview of the report status. The current draft document focuses equally on energy efficiency, water and material conservation, indoor environmental quality, and overcoming barriers to implementation. The workgroup discussed the relative importance of each of these areas and agreed that energy-efficiency should be highlighted and emphasized in the next version of the report.

Restructuring of the report: Recommendations made by the workgroup included restructuring the document using the high-level topic areas (listed above) as section headings, listing the primary goal for each at the beginning of each section, and emphasizing energy-efficiency in the Executive Summary, Introduction, and Conclusions chapters. The Background Section will become an appendix as will the Federal Mandates Subsection related to Federal requirements for sustainable buildings. The Terminology and Acronyms and Abbreviation tables will also become appendices. A list of the participating Federal Departments and Agencies will appear early in the report, possibly in the Preface (to be developed later).

Section writers also agreed to limit the number of R&D Objectives in the non-energy sections to two or three, and to merge that the content into other objectives in that section. Other recommendations were made on the introduction of graphics and tables for all sections.

Action Item: Agency representatives are requested to send graphics that may be used in the final report. Draft quality graphics are adequate at this time.

Action Item: Section writers are requested to provide changes to their sections by March 3, 2008 for incorporation in the next draft document.

Finalization of Sections 8 and 9: The workgroup also discussed the general themes to be developed for Section 8 “Collection, Analysis, and Dissemination of Research Results” and Section 9 “Conclusions and Next Steps”. Section 8 addresses specific language contained in the EPAct 2005 legislation and should include a generic discussion of these important elements as part of a standard research and development plan. Also included in Section 8 will be a table of organizations focused on high performance and sustainable buildings and with whom this report will be shared

The “Conclusions and Next Steps” section will reiterate the primary themes developed in the report, emphasizing energy efficiency (as described above). The next steps should include the development of a formal federal budget plan supporting this research, coordination and partnership activities with the National Laboratories, universities, and private sector organizations, and dissemination of the research agenda

Action Item: Paul Domich will draft Sections 8 and 9 and circulate them for comment.

Closure: Domich thanked the agency representatives for their participation and contributions.