

Foundations & Moisture Research Working Group: PRODUCTS & RESEARCH

Electronic Source Book (ORNL, PNNL, NREL, CARB and BSC funding) (S. Taylor HQ lead; Marc Lafrance has HQ co-oversight): Source Book would be primary reference for best practices (Builders Challenge Guide, topical reports), Handbook of Fundamentals, Codes, etc.

- Development, review and assessment of database of technology base and key literature;
- Preliminary rough draft of database-- January 2009 (before WG meeting at ASHRAE)
- Revised and final database -- TBD (FY 2009/2010)
- Preliminary and detailed outlines of Source Book: TBD
- Other tasks, Etc.
- Draft source book (end of 2009)
- Published source book (end of FY 2010)

Road map/ Multiyear research plan (Marc Lafrance is HQ lead; S. Taylor has HQ co-oversight)

- Recommendations for FY 2010 Statement of Needs – early to mid February 2009 (NOTE: we would need both BA and Emerging Technologies input)
- Draft and published roadmaps - TBD

Coordination of Near Term (FY 2009) Research: Building America Teams, ORNL

- Very brief description of FY 2009 activities and how they are coordinated (ORNL, CARB, etc.); --ASAP -- we would need to make adjustments now to proposed research, IF needed. NETL, HQ, and NREL need to finalize guidance - before MYP integration meeting (Nov. 13/14 2009).
- Possible briefing material for transition teams, etc. (one pager, one slide).

Field Testing

- Draft coordinated test procedure (approach, analysis, equipment, etc) - data needs defined/coordinated
- Prioritized field test needs (climate, soil conditions, etc.); field test plan (description of field tests underway or planned, expected outcome, etc.)
- etc.

Working Group Support

- Members identified; Coordination with ASHRAE TC 4.4; Canadian and EU research organizations (perhaps IEA); etc.
- Core members invited to January 24 meeting (via ASHRAE TC 4.4) in Chicago; call in arrangements provided.
- WG web site at ORNL operational - will include database of key literature, research, etc.; meeting results; WG objectives; plans and schedule, members/contact info, etc. - ASAP - initiated November 2008 - funded with FY 2008 supplemental.

Builders Challenge Support – Working Group would provide authoritative technical interpretations on Builders Challenge Quality Criteria, supporting Builders Challenge Guidelines, etc.

Technical Support for Stimulus Package -- Guidelines for energy efficiency retrofits, etc.

Other – TBD