



CALL FOR VOLUNTEERS: Virtual Resource Group Participants for Development of MSE Innovation Roadmaps

BACKGROUND: In support of the U.S. Department of Energy's Industrial Technologies Program, TMS is developing Innovation Roadmaps in key areas of materials science and engineering (MSE)-driven product and process developments that will significantly impact energy use, greenhouse gas emissions, and economic development. More information on this project is available on the TMS Energy website at <http://energy.tms.org/initiatives/LTMP.aspx>. An Innovation Impact Team (IIT) will be formulating development targets in five- and 10-year timeframes, along with critical research and development needs in each area. A Virtual Resource Group will support each IIT. Virtual Resource Group participants are needed in the following IIT topic areas:

- Functional Surface Technology
- Materials Integration in Clean Energy Systems
- Higher Performance Materials
- New Paradigm Manufacturing Processes
- Materials and Process Development Acceleration Tools

NATURE OF WORK: The Virtual Resource Group will have the following tasks:

1. Recommend important background information that will assist the IIT in determining the state-of-the-art and setting development targets.
2. Review draft development targets and critical research and development needs developed by the IIT

DURATION OF WORK:

1. Task 1 will occur over May-June 2011. E-mail exchange and one conference call are anticipated.
2. Task 2 will occur in July 2011. Review of draft development targets and critical research and development needs and one conference call are anticipated.

BENEFITS:

All Virtual Resource Group members will be recognized in the final report of the project and also on the TMS Energy website. A pre-print of the final report will be provided to the Virtual Resource Group members prior to public release.

HOW TO VOLUNTEER:

Provide your name & contact information to the staff in the Volunteer Concierge Booth or contact us by e-mail at volunteer@tms.org.

WHO TO CONTACT FOR ADDITIONAL INFORMATION: The staff liaison is Warren Hunt, TMS Executive Director: 724.814.3132 Direct | 724.814.3133 Fax | 800.759.4TMS (Ext. 226) Toll Free | whunt@tms.org. When volunteering for this project, please indicate the topic area that interests you.