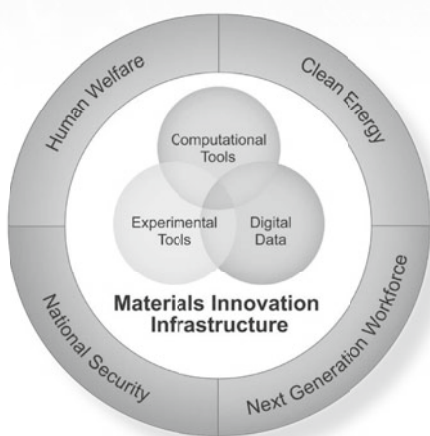


The MGI Digital Data Community

Developing the Materials Innovation Infrastructure to Support the Materials Genome Initiative



The **Materials Genome Initiative** (MGI), developed by the **White House Office of Science and Technology Policy** (OSTP), is a new effort to accelerate the discovery and deployment of advanced materials – from laboratory to commercial marketplace – resulting in new products and services that benefit society and improve economic growth.*

One of the principal goals of MGI is to build a **Materials Innovation infrastructure** that will:

- Integrate computational and experimental tools with digital data into the full product development cycle, with a goal to reduce new product development time and costs by almost half
- Support increased collaboration amongst researchers and other stakeholders

As part of the response to this challenge, **The National Institute of Standards and Technology** (NIST) and **The Minerals, Metals & Materials Society** (TMS) have developed a new, online resource to support community building and interactions within the various sub-disciplines of the materials science and engineering field.

The **MGI Digital Data Community** allows users to build and join communities surrounding specific technical disciplines and topics, especially focused on the creation and sharing of data. These communities provide a forum for discussions; sharing documents, slide shows, and videos; notifying other members of upcoming events, and more.

To create your free user account and start joining or creating communities for discussion and collaboration today, visit www.mgidata.org.

From there, simply follow the prompts to create your user profile, and join or create communities that are of interest to you and others within your field. Also, invite colleagues and acquaintances to start taking advantage of this excellent resource for technical interactions and networking!

*For more information, refer to the “**Materials Genome Initiative for Global Competitiveness**” a white paper released by the OSTP in June 2011.