

# MPLUS Provides a Mechanism for Industries to Network

## External

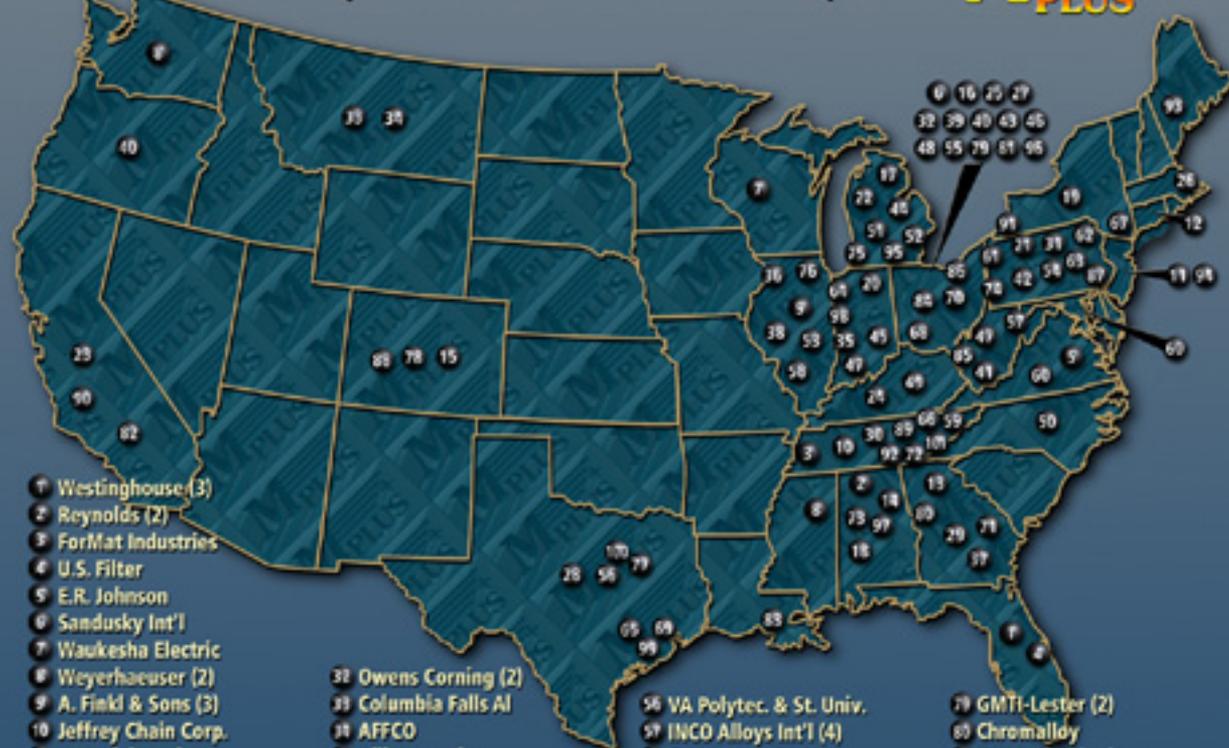
- Universities
- Consortia
- Professional and Trade Organizations
- Other DOE Sites
- Other Federal Laboratories



## Internal

- Computational Center for Industrial Innovation
- High-Temperature Materials Lab
- Oak Ridge Centers for Manufacturing Technologies
- Other user facilities

101 Companies in 27 States have requested **MPLUS**



- 1 Westinghouse (3)
- 2 Reynolds (2)
- 3 ForMat Industries
- 4 U.S. Filter
- 5 E.R. Johnson
- 6 Sandusky Int'l
- 7 Waukesha Electric
- 8 Weyerhaeuser (2)
- 9 A. Fink & Sons (3)
- 10 Jeffrey Chain Corp.
- 11 Materials Tech.
- 12 ABB C-E Services (3)
- 13 Union Camp Corp.
- 14 United Defense (2)
- 15 CO School of Mines
- 16 Doehler-Jarvis
- 17 General Motors (2)
- 18 Univ. of AL (3)
- 19 Cornell Univ.
- 20 Cummins Engine (4)
- 21 Bethlehem Steel (2)
- 22 American Axle
- 23 FMC Corp.
- 24 ARCO (2)
- 25 Finite Solutions
- 26 Starmet Corp.
- 27 Lincoln Electric (2)
- 28 CarboMedics
- 29 IPST (3)
- 30 Univ. of Tenn. (3)
- 31 PPG Industries (5)

- 32 Owens Corning (2)
- 33 Columbia Falls Al
- 34 AFFCO
- 35 Allison Engine
- 36 Alloy Engineering
- 37 Southwire
- 38 Wagner Castings
- 39 Rhenium Alloys
- 40 Uniform Metal Tech.
- 41 West Virginia Univ. (2)
- 42 J&L Specialty Steel
- 43 LTV Steel
- 44 Univ. of Michigan
- 45 Welding Services
- 46 General Electric
- 47 Weirton Steel (3)
- 48 Park Ohio Transpntn. Grp.
- 49 Stoodly (2)
- 50 Torrington (3)
- 51 Ford Motor Co. (3)
- 52 Eaton Corp. (2)
- 53 Hoskins Mfg. (2)
- 54 AHT Inc.
- 55 Amer. Spring Wire

- 56 VA Polytec. & St. Univ.
- 57 INCO Alloys Int'l (4)
- 58 Caterpillar (2)
- 59 Smelter Services
- 60 Westvaco
- 61 The PA State University
- 62 Alcoa (2)
- 63 Univ. of Pittsburgh
- 64 Haynes Int'l Inc. (5)
- 65 Eastman Chemical
- 66 Eastman Chemical (2)
- 67 Akzo Nobel Chemical
- 68 Equistar Chemical, LP
- 69 Exxon Chemical Co.
- 70 International Paper
- 71 Amercord
- 72 TTE Die Casting (2)
- 73 Citation Corp. (2)
- 74 Lehigh University
- 75 Dana Corp.
- 76 Griffith Wheel Co.
- 77 Chaparral Steel
- 78 Johns Manville

- 79 GMTI-Lester (2)
- 80 Chromalloy
- 81 DCT Technologies
- 82 M.J. Schiff and Associates
- 83 Satco
- 84 Engineering Mechanic Corp. (2)
- 85 Special Metals Corp.
- 86 Republic Technologies Int'l. (2)
- 87 Material Resources Int'l.
- 88 Material Physics Research Inst.
- 89 Atlantic Research Corp.
- 90 DWA Aluminum Composites
- 91 Monofrax Inc.
- 92 Applied Thermal Coatings, Inc.
- 93 Dynamet Technology Inc.
- 94 Engelhard Corp.
- 95 Thixomat
- 96 Ohio State University
- 97 Vista Engineering
- 98 ISPAT Inland Inc.
- 99 Smith Int'l.
- 100 Lone Star Steel Co.
- 101 Eagle Racing



Program Status

• 60 projects completed

150 MPLUS Proposals received



Oak Ridge National Laboratory



## **Metals Processing Laboratory Users (MPLUS) Center**

The Metals Processing User Center is a facility piloted to determine whether the technical expertise and facilities at a National Laboratory can be an asset to industry. The objective of MPLUS is to assist key U.S. industries in improving energy efficiency and enhancing their competitiveness in the global market by providing them with timely access to the specialized technical expertise and facilities needed to solve metals-processing issues that limit the development and implementation of emerging metals-processing technologies.

The industrial and academic response to this piloted MPLUS User Center has grown tremendously. A total 150 MPLUS Proposals have been approved or are in the process of being developed. These proposals represent 101 different companies in 27 states.

Due to industrial requests/needs, MPLUS has continually expanded to also incorporate other Oak Ridge National Laboratory User Centers (e.g., HTML.)

**For additional information, please contact:**

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