



Foundation Update

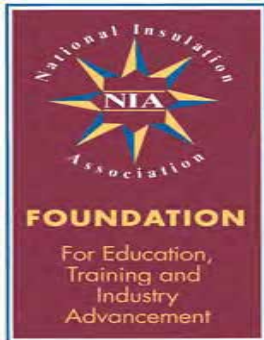


Ron King
NIA Past President/Consultant

NIA | National Insulation Association
THE VOICE OF THE INSULATION INDUSTRY™



Foundation Update



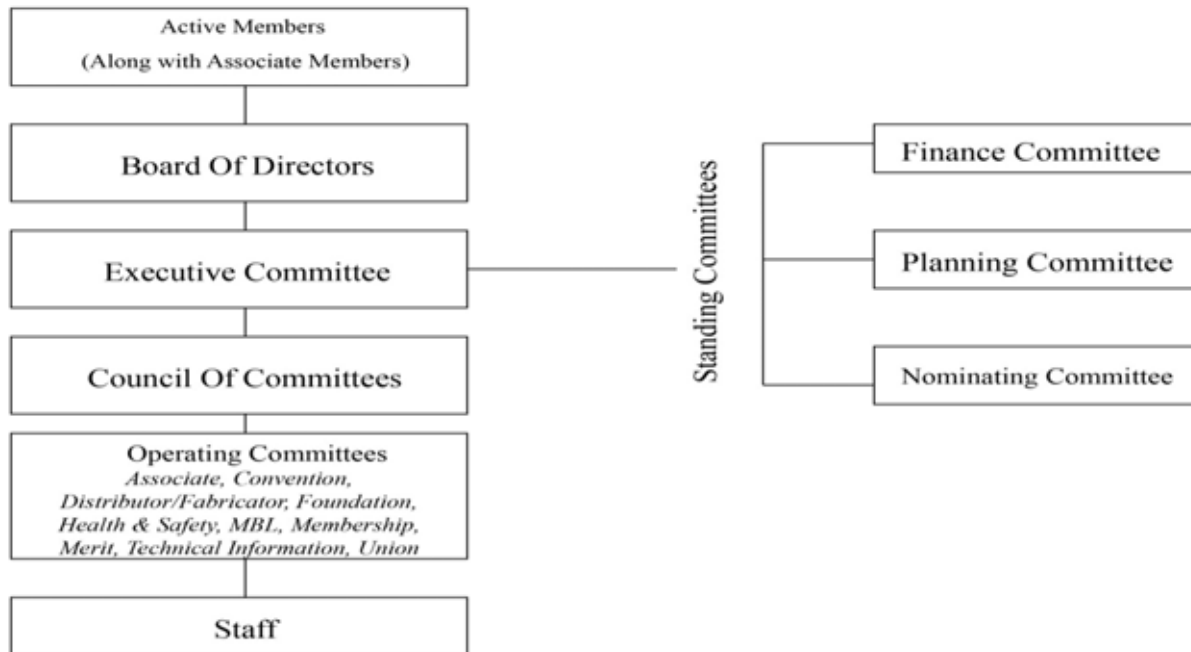
Foundation Mission: To develop and implement strategies and recommend processes to advance and expand the commercial and industrial insulation industry.





Foundation Update

NIA Association Organizational Structure





Foundation Update

Foundation Steering Committee Members

Associate Members (2):

Mike Kozokowsky—Roxul Technical Insulation

Dave Cox—Owens Corning (Co-Chair)

Contractor Members (2):

John Lamberton—Irex Contracting Group

Jeff DeGraaf—Industrial Construction & Engineering

Distributor/Fabricator Members (2)

Dan Bofinger—FBM-SPI (Co-Chair)

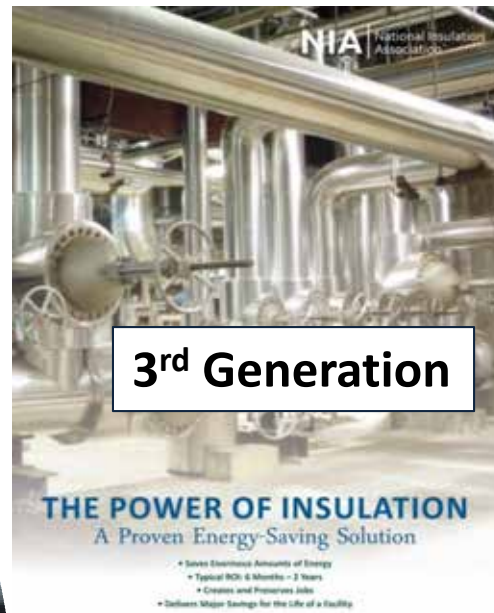
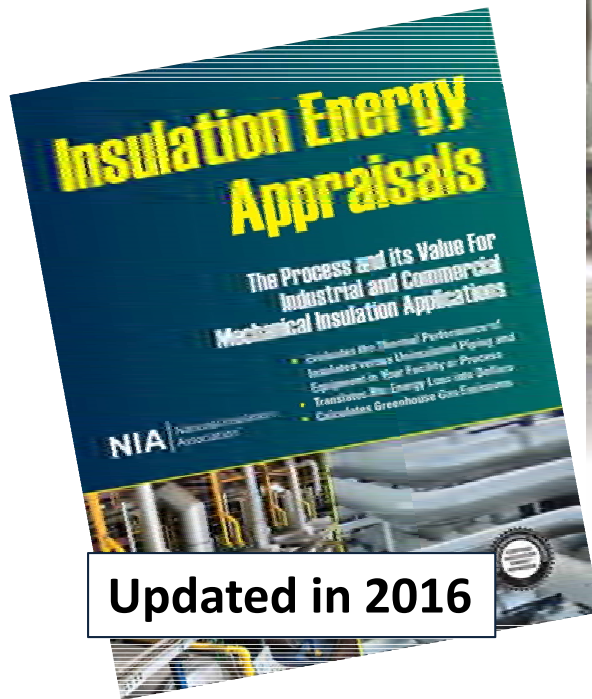
Mark Duppler—Bay Industries, Inc

NIA Staff—1 - 2 plus additional as needed

Gold Elite Contributors and Executive Committee Members are invited to attend one Foundation Steering Committee meeting per year.

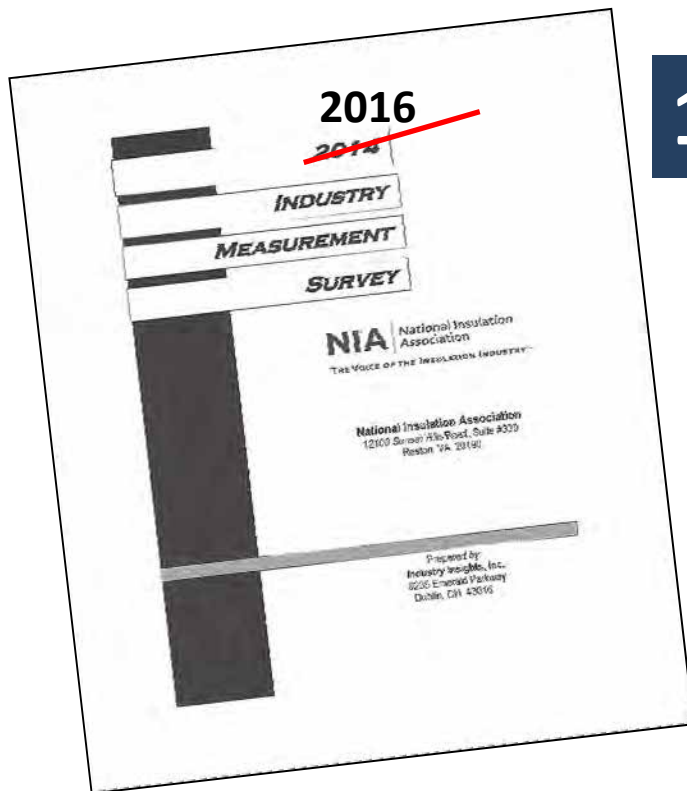


Foundation Update Developed and Launched

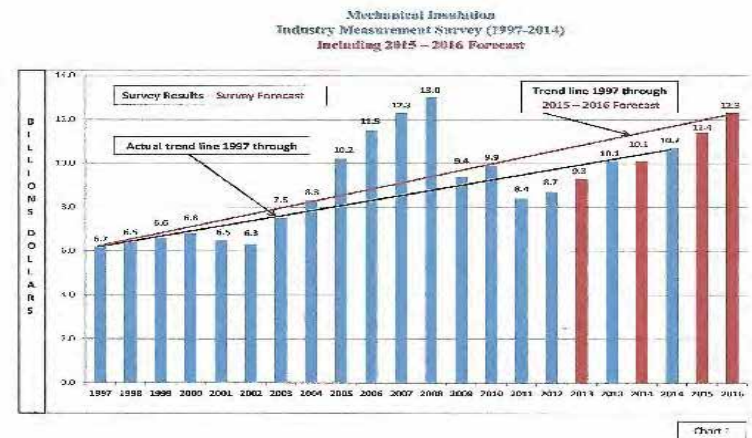




Foundation Update Developed and Launched



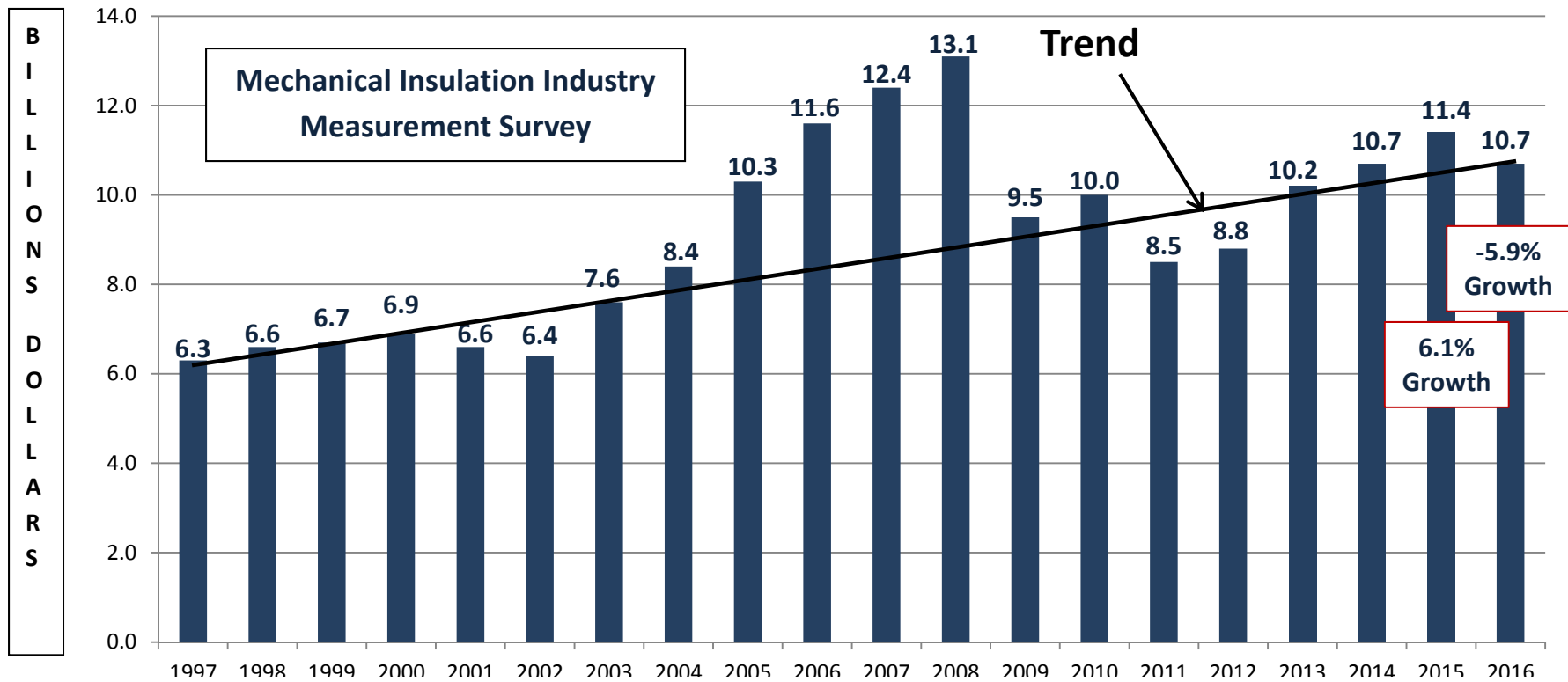
1997–2016 (19 years)



MBI added: 2013–2016 (4 years)

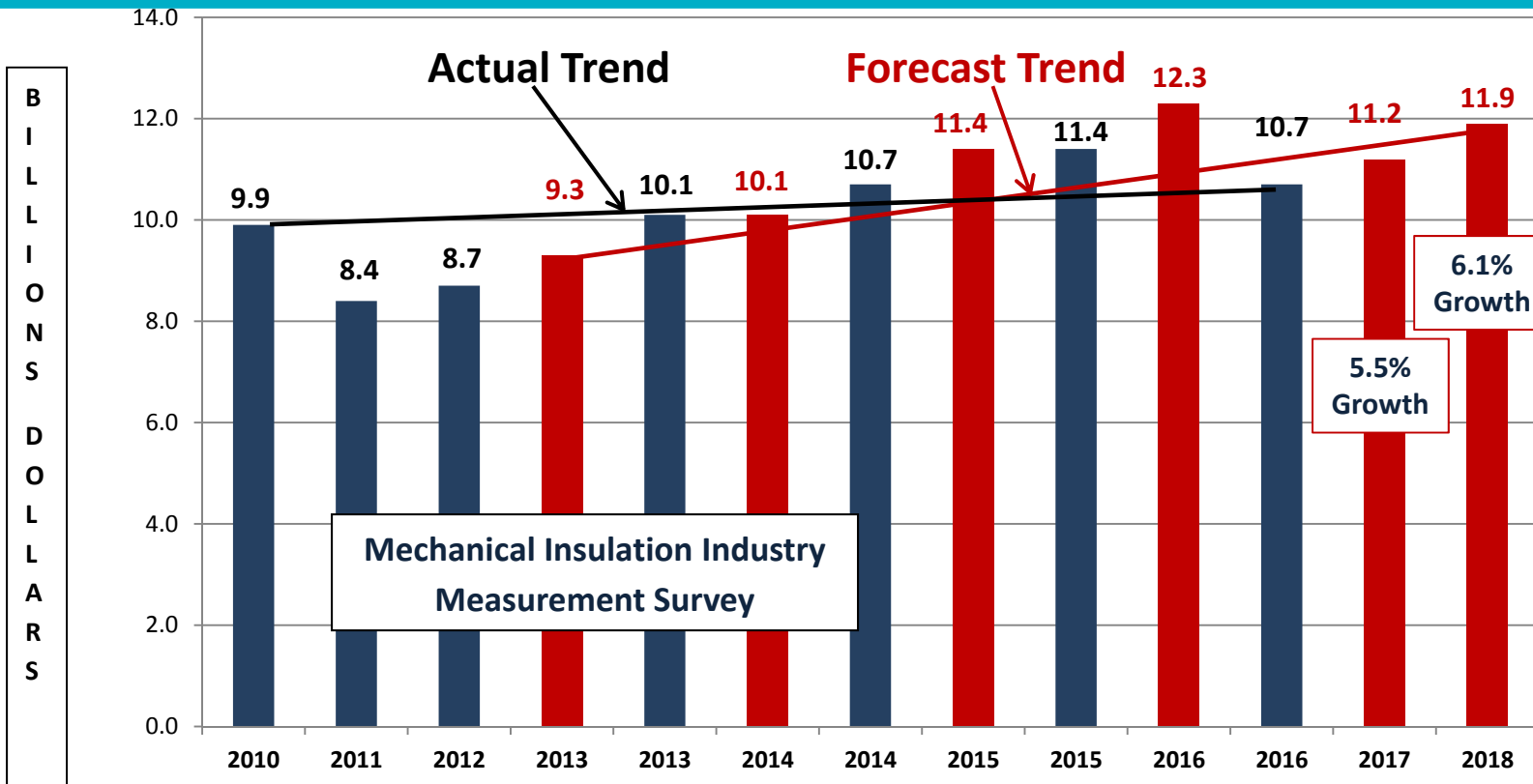


2015-2016 Industry – “Preliminary” Measurement Survey Results



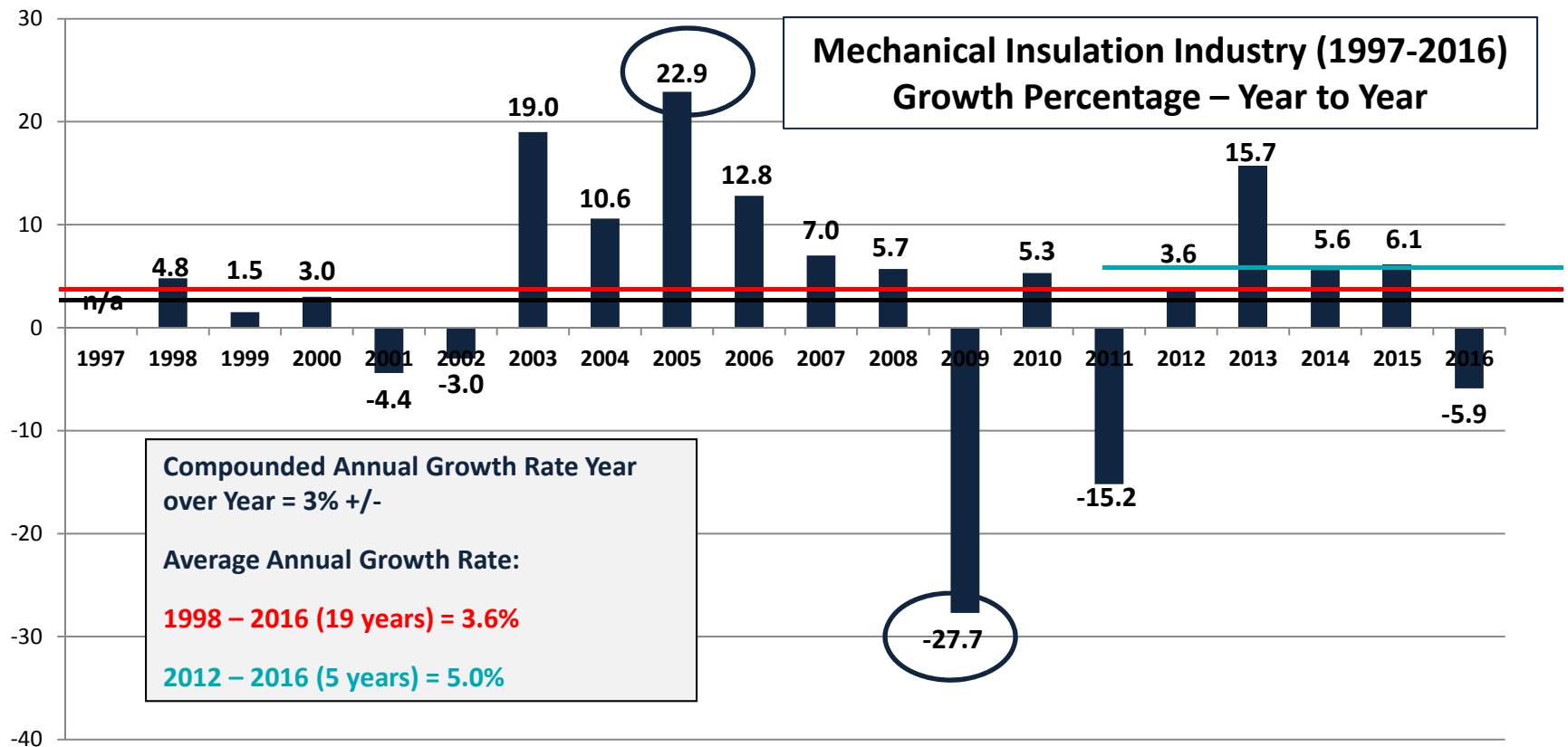


2015-2016 Industry – “Preliminary” Measurement Survey Results



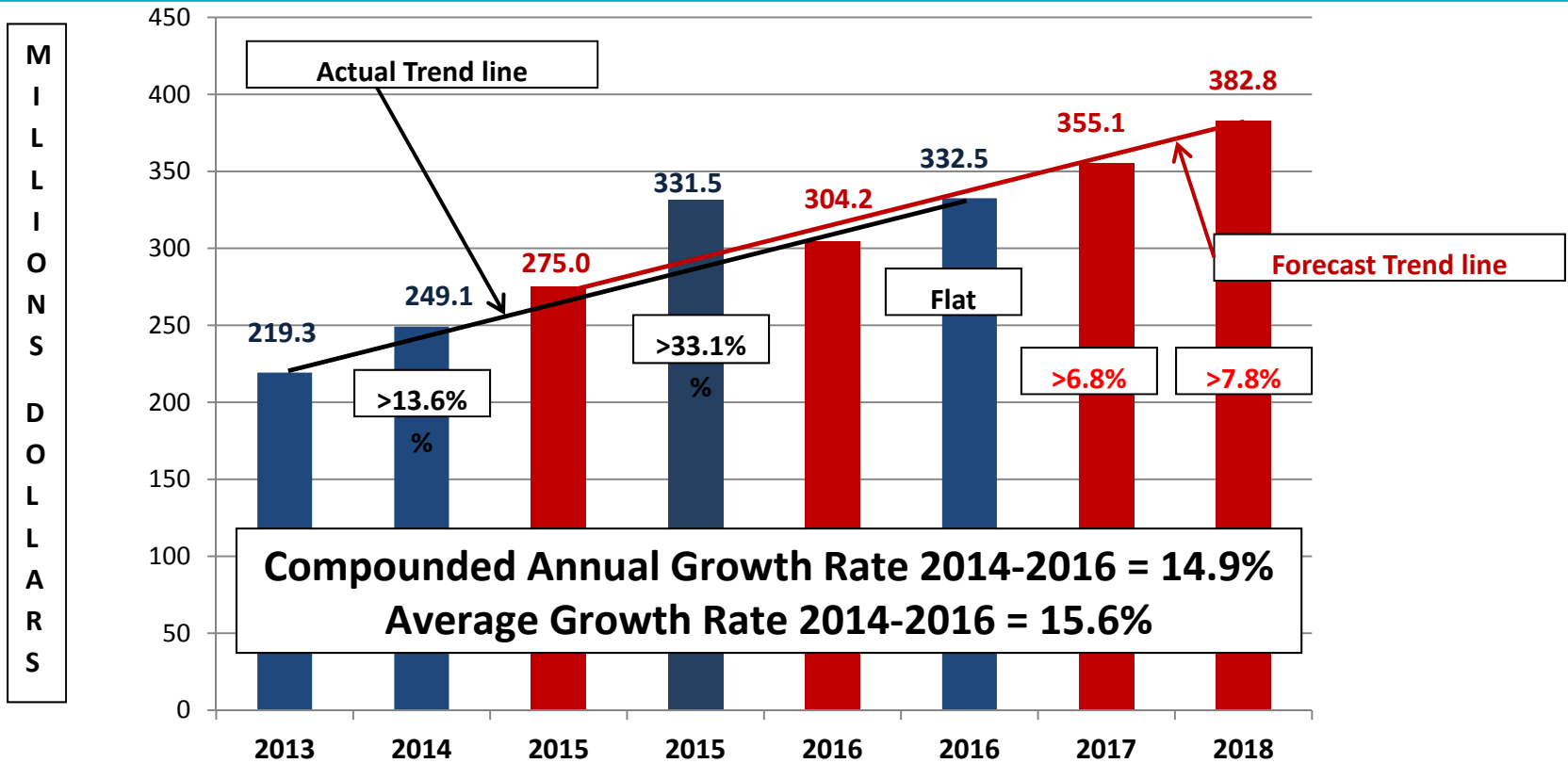


2015-2016 Industry – “Preliminary” Measurement Survey Results





2015-2016 “Preliminary” MBI Industry Measurement Survey Results





Foundation Update Developed and Launched



MIDG

MECHANICAL INSULATION DESIGN GUIDE

Design Objectives & Considerations

Materials & Systems

Glossary

Design Data

Resources

Specification

Update Summary

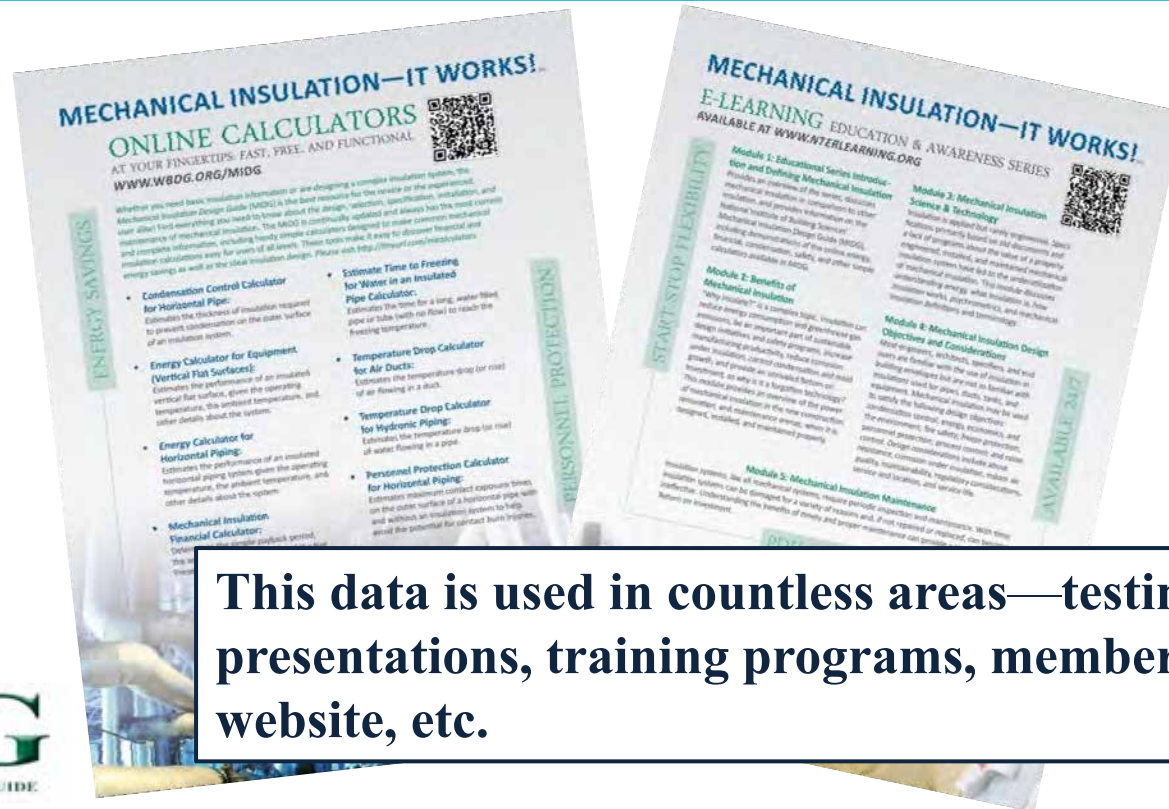
Installations

Maintenance

Foundation continually updating



Foundation Update Developed and Launched



This data is used in countless areas—testimonies, presentations, training programs, membership video, website, etc.





Foundation Update Developed and Launched



**Developed and launched, for the first time
in NIA history, a federal legislative agenda and
a presence on Capitol Hill**



Foundation Update Developed and Launched

Developed and launched, for the first time in NIA history, a federal legislative agenda and a presence on Capitol Hill



Have held over 400 meetings (to date) with congressional leaders, made numerous presentations, and assisted with bill development and “score” calculations.



Foundation Update Federal Legislative Program

111th, 112th, & 113th Congress

Mechanical Insulation Installation Incentive Act

(Tax incentive for going beyond minimum ASHRAE standards)

Mechanical Insulation Education & Awareness Campaign

Congress directed \$500,000 be allocated in the Department of Energy's Industrial Technologies Program budget for a mechanical insulation education and awareness campaign in the FY 2010 Energy and Water Development Appropriations Bill (Public Law No: 111-85).

NIA was a key component of the project team.



Foundation Update Federal Legislative Program

Mechanical Insulation Education & Awareness Campaign



Simple Calculators



Energy Appraisal
Montana Capital Complex



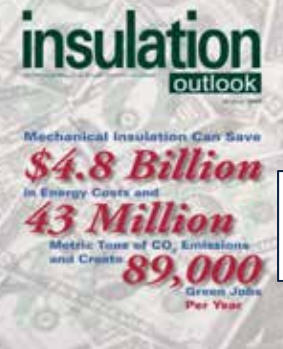
Hospitals & School
Analysis



E-Learning Modules



Industrial Facility
Analysis





Foundation Update Federal Legislative Program

**Testimony—The U.S. House of Representatives
Committee on Science, Space, and Technology
Subcommittees on Oversight and Energy
“Green Buildings—An Evaluation of
Energy Savings Performance Contracts”
June 27, 2013 at the Rayburn House Office Building**



**Held a “Mechanical Insulation Showcase”
October 25, 2011, Rayburn House Office Building**



Foundation Update Federal Legislative Program



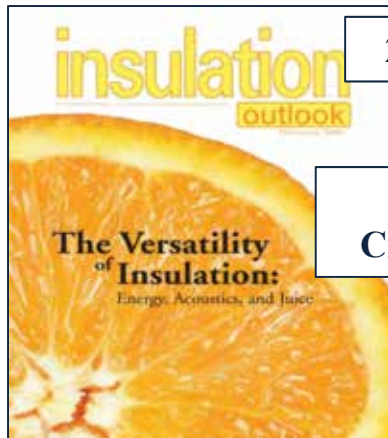
**March 25, 2010—“High-Performance Insulation:
Increasing Energy Efficiency, Protecting the
Environment, Creating Jobs, and Stimulating Our
Economy”**

Rayburn House Office Building

**May 22, 2014—Advancing the Building Industry—
Findings from the NIBS Consultative Council, Moving
Forward Report
“Advancing the Building Workforce”**



Foundation Update Conducted and Published Case Studies



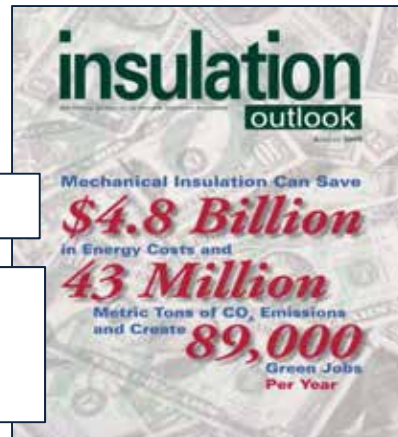
2008

Energy Appraisal—
Citrus Processing Plant



2011

Energy Appraisal—
Montana Capital Complex



2009

Industrial Facility
Analysis—Oak Ridge
National Laboratories



2011

Hospitals & School
Analysis



Foundation Update Conducted and Published Case Studies



2013

Mechanical Insulation
Maintenance



Emissions Analysis

2009



2010

Mechanical Insulation
Maintenance

Plus Many
Others!



Industry

Foundation Update

Developed and Launched Affiliated Association Outreach Program

MasterSpec - Arcom

NAIMA



National Institute of BUILDING SCIENCES



AEE
The Association of Energy Engineers



NASEO National Association of State Energy Officials
ENERGY'S WASHINGTON VOICE



A/E Association for FACILITIES ENGINEERING



Partial Listing



Industry

Foundation Update

Developed and Launched Affiliated Association Outreach Program

NAIMA

MasterSpec - Arcom

Over 200 Chapter and Annual Meetings
Presentations to Date
6,000+ Total Attendees



PIP



National Institute of

LIICC

ACME

Plus over 200 articles—stories have been
published in a variety of media channels



AFE Association for FACILITIES ENGINEERING

of State Energy Officials
ENERGY'S WASHINGTON VOICE





Foundation Update Active Programs

New Administration—2017 Legislative Agenda

- **Arrange for a White House meeting with top officials for an “Insulation Industry Coalition Meeting” to discuss the benefits of insulation and industry support requirements.**
 - **Arrange a series of meetings with “top” agency officials (DOE, DOL, DOD, VA, etc.) to discuss the value of mechanical insulation within their agencies.**
 - **Develop, implement, and successfully execute specific plan(s) to obtain funding for major studies on 8 areas of interest.**
 - **Follow through—secure a “meaningful report” or study that the Veterans Administration was directed to complete last year.**
-



Foundation Update Active Programs

- **Just completed the 2015–2016 Industry Measurement Survey**
 - **Formed a “Engineer & Facility Owner Advisory Council” (Industrial Market)—held first meeting in January. Hope to form a “Architect and Mechanical Engineer Advisory Council” in the near future**
 - **In the development phase of exploring a “Mechanical Insulation Specialty Contractor Certification Program”**
 - **Initiated the formation of an Insulation Industry Council—held first exploratory meeting in January**
-



Foundation Update Active Programs

- **Investigating the development of a “Certified Mechanical Insulation Inspection Program,” which also would include code official training and other public and private sectors**
 - **Investigating the development of additional installation videos**
 - **Develop simple energy calculators for values and fittings**
 - **Modify simple calculators to include “standard” removable cover construction**
-



Foundation Update Future Initiatives

- **Continue with current work in progress initiatives**
 - **Obtain funding for and begin execution of the major studies (8 areas of interest) in our legislative agenda.**
 - **Develop a process by which to develop, implement, and execute an educational program for mechanical insulation specifiers, engineers, and end users.**
 - **Continue to explore programs that bring value to association members and attract new members**
 - **Creation of a 3D model of a mechanical system which includes pipes and valves, and demonstrates heat loss in all uninsulated areas.**
-



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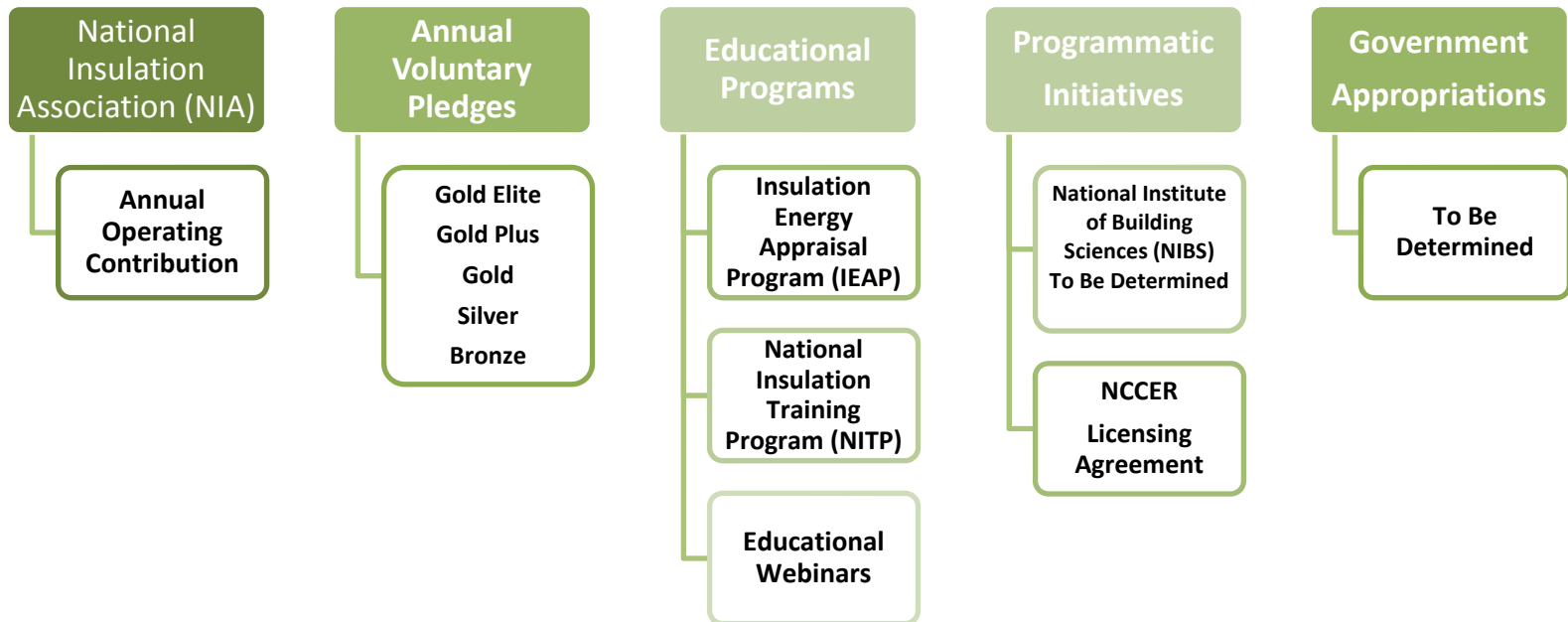
Funding

We have accomplished a lot in a relatively short period of time with limited funding.



Foundation Update

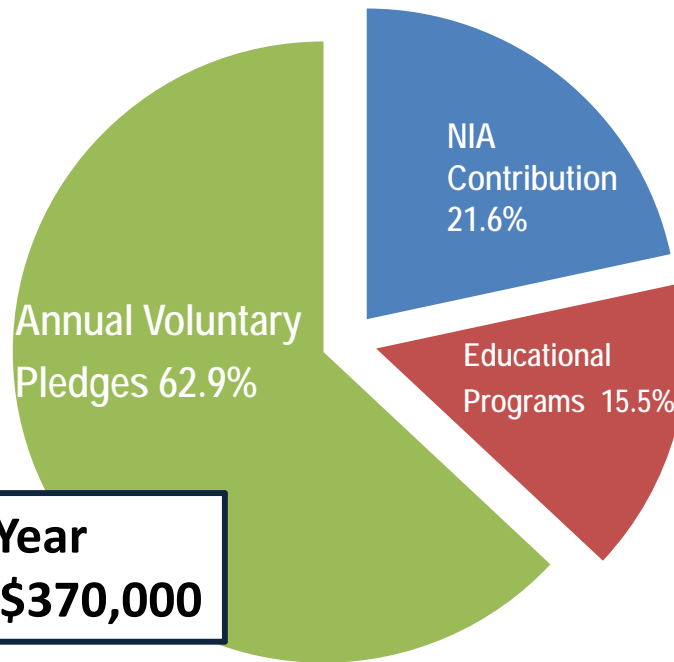
The Foundation Funding Sources





The Foundation Funding Sources

(NIA June 30, 2017, Fiscal Year Budget)



**Current Fiscal Year
Foundation Budget \$370,000**





The Foundation Funding Sources

(NIA June 30, 2017, Fiscal Year Budget)

Membership Category	Number of Members*	Number of Contributors	Percent of Total
Contractors	196	15	7.7%
Distributors/Fab. /Laminators	73	8	11.0%
Associates (Manufacturers)	43	16	37.2%
Total of Above	312	39	12.5%
Non-members		11	

* Total Membership all categories @ January 31, 2017 is 327



Foundation Update

If you are a current Foundation Sponsor—

Thank You

If you are not a current Foundation Sponsor, please consider pledging today—we need you to join your colleagues in support of industry initiatives!



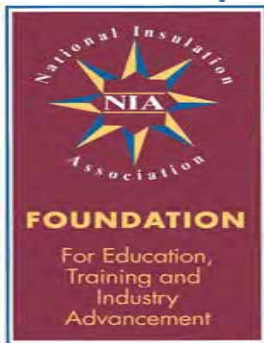
Foundation Update

Questions

(Easy Questions)



Foundation Update



Foundation Mission: To develop and implement strategies and recommend processes to advance and expand the commercial and industrial insulation industry.

Thank You