

AMERICAN FUEL & PETROCHEMICAL MANUFACTURERS

**2014 ANNUAL REPORT** 



## AMERICAN ENERGY POLICY AT A CROSSROADS

#### A MESSAGE FROM THE CHAIRMAN OF THE BOARD AND THE PRESIDENT OF AFPM

Last year, the United States became the world's top producer of oil and natural gas, a position that no one would have predicted just five years ago. As a result, American fuel and petrochemical manufacturers now have the opportunity and the ability to transform the nation's economic outlook.

Embracing the strong global demand for high-quality, affordable refined petroleum and petrochemical products, AFPM companies are putting economics and infrastructure to work. Refiners are meeting America's fuel needs, maintaining a strategic inventory and becoming a key exporter. And, petrochemical manufacturers have secured a competitive lead for the first time in more than 30 years.

The ingenuity of AFPM members to combine low cost raw materials and energy with advantages in infrastructure and diverse manufacturing capabilities is powering a manufacturing renaissance. This opportunity brings with it the promise of high-paying technical jobs and enhanced prosperity. We're on the right path to a bright future. To ensure we stay the course and reap even greater benefits that lay ahead for our country and our citizens, we must be diligent and work together. Today, American energy policy is at a crossroads. The issues at stake and the policy decisions to be made have never been more important. A surge in regulations, coupled with a basic misunderstanding of the fossil fuel industry, hampers the ability to establish sound policies and regulations that will enable us to continue the progress we've made toward renewed economic growth.

Fossil fuels have been an essential part of our daily lives for so long that their true impact can easily be taken for granted. But make no mistake – they don't just keep us moving, they power every other industry, drive productivity, create prosperity and save lives. Eighty-one percent of the planet's energy needs are currently met by fossil fuels, according to the International Energy Agency, and that percentage is expected to hold steady for decades to come. Fossil fuels make modern life possible. They have proven their vital role and will continue to remain essential into the foreseeable future. Well-informed policies can preserve that value and continue to improve standards of living around the globe.

For the refining and petrochemical manufacturing industries, 2014 will prove to be a pivotal year. As a country, we face crucial choices as we endeavor to maintain access to affordable, reliable and secure energy sources.

Working on behalf of and in concert with our members, AFPM will continue to:

- Advocate for a regulatory environment that is straightforward and effective.
- Educate policymakers and the public to ensure the benefits of fossil fuels are accurately represented in all energy discussions and that pragmatism is not lost to politics.
- Uphold the high standards for environmental compliance, safety and innovation that have long been a hallmark of our industry.

Standing together, we will unleash the full potential of America's refining and petrochemical manufacturing industries.

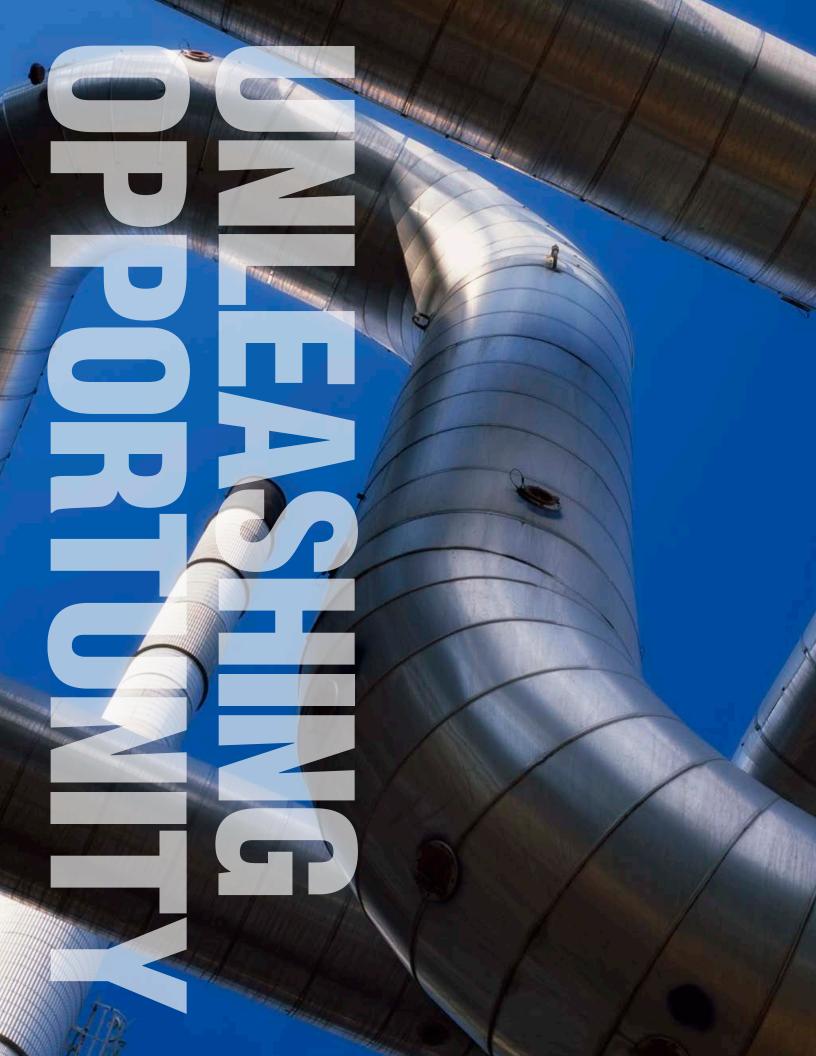
We're proud of our industries. We're proud of our contributions. And we invite you to learn more.



David L. Lamp Chairman of the Board



*Charles T. Drevna* President



## MAKING INDUSTRY MORE PRODUCTIVE AND AMERICANS MORE PROSPEROUS

America's fuel and petrochemical manufacturers have been and will continue to be the catalysts that make industry more productive and Americans more prosperous. Petroleum based fuels and products are the backbone of our economy and are predicted to remain a significant portion of our fuels mix in the future. No other fuels deliver the same combination of performance, convenience, reliability, safety and affordability.

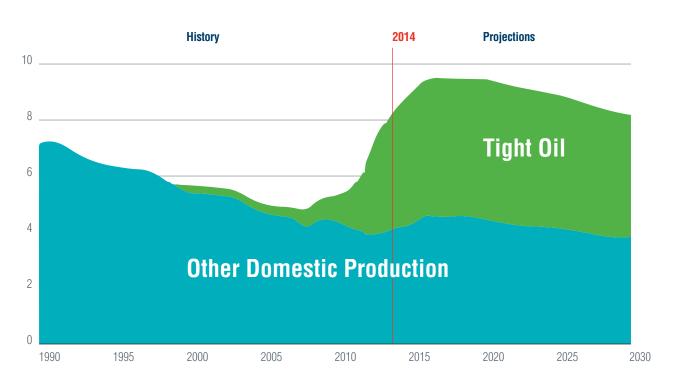
In October 2013, the United States produced more crude oil than it imported for the first time since February 1995. The increased production is a result of combining advanced technologies that

allow the extraction of oil and natural gas from sources that were once considered economically infeasible to develop, such as shale, sand and other porous rock formations. Oils coming from these newly developed resources are sometimes given distinct names such as tight oil and shale oil. But all these new oils, along with conventionally produced crude oils, are processed in our refineries into products for consumers. According to the Energy Information Agency (EIA), the United States is positioned to become the world's largest oil producer by 2017, and is on course to enhanced energy and national security as well as improved balance of trade.



Oils coming from newly developed resources are processed in our refineries into products for consumers.

## **U.S. CRUDE OIL PRODUCTION IS RAPIDLY EXPANDING** MILLION BARRELS PER DAY



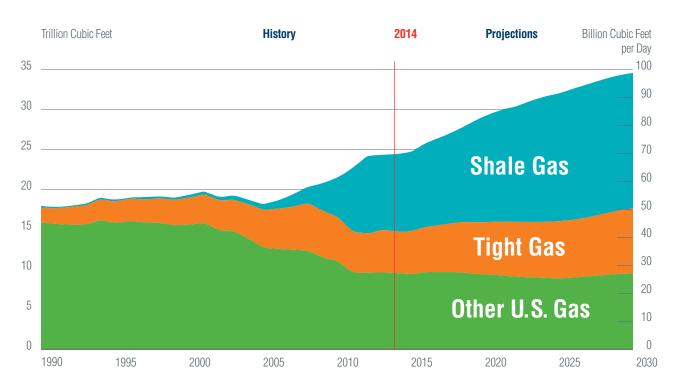
*Note:* Other domestic production includes lower 48 offshore, Alaska and other lower 48 onshore. *Source:* EIA, Annual Energy Outlook 2014 Early Release

## ABUNDANT NATURAL RESOURCES AND ADVANCED TECHNOLOGIES SPUR GROWTH

At the same time, we have unleashed abundant natural gas and liquids reserves through shale development and technology advances. Once considered inaccessible, newly developed resources such as shale gas and tight gas have given the U.S. petrochemical industry its best competitive advantage in more than 30 years. These new supplies of natural gas and liquids have created affordable energy and petrochemical feedstocks, enabling our nation's manufacturers to flourish. Through the ingenuity and industriousness of our member companies, we are able to make use of these vital natural resources more efficiently, more safely and cleaner than ever before. Newly developed resources have given the U.S. petrochemical industry its best competitive advantage in more than 30 years.



## NATURAL GAS SUPPLIES ARE GROWING U.S. DRY NATURAL GAS PRODUCTION



*Note*: Other U.S. gas includes: Non-associated onshore, non-associated offshore, Alaska, gas associated with oil and coalbed methane.

Source: EIA, Annual Energy Outlook 2014 Early Release

## **ENVIRONMENTAL AND SAFETY PERFORMANCE CONTINUE TO EXCEL**

Our members are strongly committed to clean air, water and waste reduction; have an outstanding record of compliance with the Environmental Protection Agency and other regulatory bodies; and have invested hundreds of billions of dollars to dramatically reduce emissions as measured by the EPA. As a result of these emissions reductions, criteria pollutants have been significantly reduced over the past three decades.

Safety is also a priority. Rates of injury and illness have declined significantly due to a concerted effort by refiners and petrochemical manufacturers to enhance safety performance through programs, technical conferences, meetings and benchmarking surveys. These industries are collaborating to develop joint performance metrics for process safety, to share information on incidents and causal factors to lessen the chances of repeat at other facilities and to ensure that potential hazards are identified before they become incidents.

## RATE OF INJURY & ILLNESS ON THE DECLINE 2001–2012 RATE PER 100 FULL-TIME EMPLOYEES



## PETROLEUM REFINING

AFPM Report of Occupational Injury & Illness for Petroleum Refining Companies and Onsite Contractors





# **PETROCHEMICAL MANUFACTURING**

AFPM Report of Occupational Injury & Illness for Petrochemical Manufacturing Companies and Onsite Contractors





## THE BOOM IN OIL AND GAS DEVELOPMENT ARE GAME **CHANGERS FOR THE MANUFACTURING SECTOR**

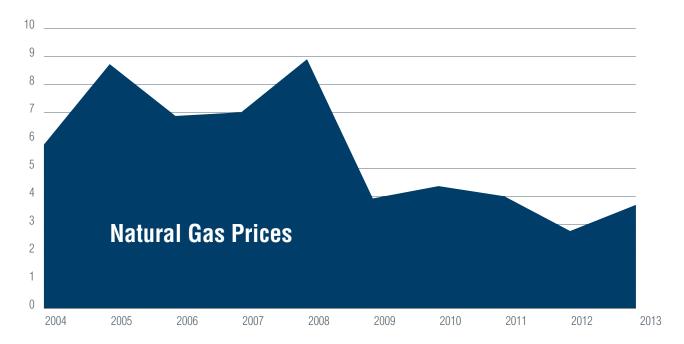
The shale revolution and a boom in other unconventional oil and gas development are game changers for the manufacturing sector, driving down both the cost of energy and the cost of important feedstocks like ethane. This abundance of affordable natural resources, combined with advanced manufacturing infrastructure, high-tech distribution networks and the ability to innovate quickly, puts America in a competitive position in chemical manufacturing for the first time in decades. The result has been a dramatic reversal from the mid-2000s, when the United States was one of the world's most expensive locations for manufacturing chemicals, to

today when it is among the most affordable. International chemical companies are taking notice and have announced planned or possible investments in the United States worth more than \$91 billion.

According to IHS Global Insight, by 2025, nearly 3.9 million manufacturing jobs will be supported by unconventional oil and gas development and, along with energyrelated chemicals activity, will contribute nearly \$533 billion annually to the GDP.

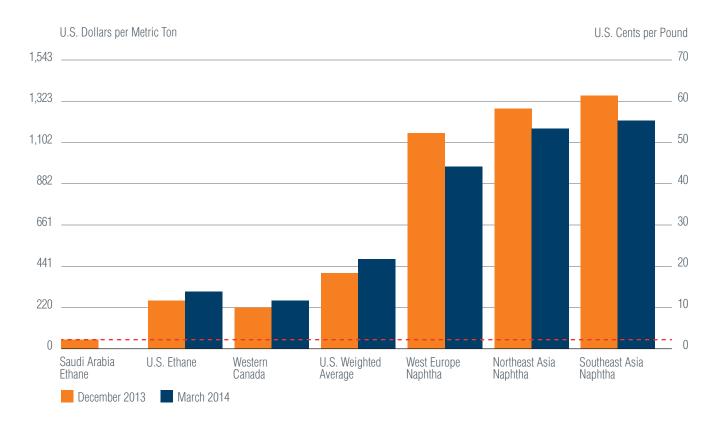


### **FALLING NATURAL GAS PRICES HELP DRIVE U.S. MANUFACTURING COMPETITIVENESS** DOLLARS PER MILLION BTU



Source: Henry Hub spot prices as compiled by EIA

## LOW-COST ETHANE FEEDSTOCKS STRENGTHEN U.S. GLOBAL POSITION



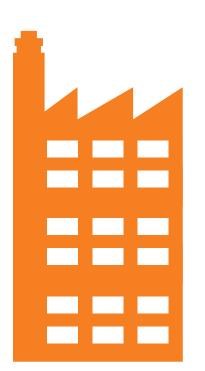
*Note:* Ethylene is one of the most important petrochemicals and is produced in North America using low-cost ethane, making the region far more competitive in petrochemical manufacturing than other regions. *Source:* IHS Chemical



A vibrant petrochemical manufacturing sector lifts the rest of the manufacturing sector, since petrochemicals are a key component of the supply chains for many other industries. The ripple effect continues as a strong overall manufacturing sector fosters a robust and stable economy, providing Americans with well-paying jobs that are key to our way of life. According to the National Association of Manufacturers, every \$1.00 spent in the U.S. manufacturing sector overall returns \$1.48 to the economy, the highest multiplier effect of any economic sector. In addition, workers receive nearly 20 percent more in pay and benefits, compared to workers in non-manufacturing sectors. AFPM members are committed to the realization of a manufacturing renaissance. After a decade of almost zero capacity expansion in U.S. petrochemicals manufacturing, shale development is spurring growth. Many of our members are investing billions of dollars in manufacturing capacity to harness vast new supplies of natural gas liquids for cost-effective petrochemical production and in new technologies to improve efficiency and reliability.

## LAYING THE GROUNDWORK FOR NEW MANUFACTURING INFRASTRUCTURE

However, potential roadblocks, including capacity constraints in the U.S. construction industry and permitting processes, may impede our ability to realize the full potential of a manufacturing renaissance. In order to address potential barriers, AFPM has formed the American Shale and Manufacturing Partnership (ASMP). This group will lay the groundwork for the development of more than \$100 billion in announced new manufacturing infrastructure across the nation during the next decade by identifying which policies should be addressed to bring manufacturing back to the United States.



This multi-stakeholder initiative brings industry, academia, non-governmental organizations (NGOs), labor and government together to focus on shale development and its impact on American manufacturing. To guide its efforts, the ASMP has identified five key areas that are crucial to spur economic growth, job creation and global competitiveness for years to come:

- 1. **Federal and State Policies** that create an attractive business environment and eliminate regulatory uncertainty.
- 2. **Environmental Practices** to ensure the industry continues to provide better products while meeting or exceeding environmental requirements.
- Infrastructure Plans supported by streamlined access to construction capacity, equipment and permits.
- Workforce Development to communicate the benefits of a career in the industry and ensure availability of a well-trained labor pool.
- 5. **Research and Innovation** to continue developing new products and processes that will spur ongoing industry growth.

The ASMP will release its recommendations and roadmap to a renewed manufacturing sector in early 2015. American Shale & Manufacturing Partnership

#### **ASMP Members**

Allegheny Conference

American Fuel & Petrochemical Manufacturers

America's Natural Gas Alliance

Carnegie Mellon University

Claude Worthington Benedum Foundation

Consumer Energy Alliance

Cynthia and George Mitchell Foundation

International Association of Bridge, Structural, Ornamental & Reinforcing Iron Workers

National Association of Manufacturers

NorTech

Pennsylvania Environmental Council

Society of Chemical Manufacturers and Affiliates

Texas A&M Engineering

U.S. Chamber of Commerce Institute for 21st Century Energy

ASMP brings industry, academia, non-governmental organizations (NGOs), labor and government together to focus on shale development and its impact on American manufacturing.

## U.S. REFINERIES ARE AMONG THE MOST EFFICIENT AND SOPHISTICATED IN THE WORLD

American refiners are responding to a changing landscape characterized by increased U.S. energy production and reduced domestic demand for traditional gasoline. Continued strong global demand for petroleum-based fuels and favorable economics are allowing U.S. refiners to fulfill domestic fuels needs, while selling more finished product abroad than ever before.

U.S. refineries are among the most efficient and sophisticated in the world and can produce any petroleum product currently required worldwide – even those designed to meet the most stringent air quality requirements such as ultra-lowsulfur diesel. Their access to relatively inexpensive domestic and Canadian crude oils, together with low-priced natural gas to fuel their facilities, is giving U.S. refiners a competitive edge in the export market. This confluence of events has allowed American refiners to quickly adapt to changing conditions and to capture market share from refineries in Europe, India and China.

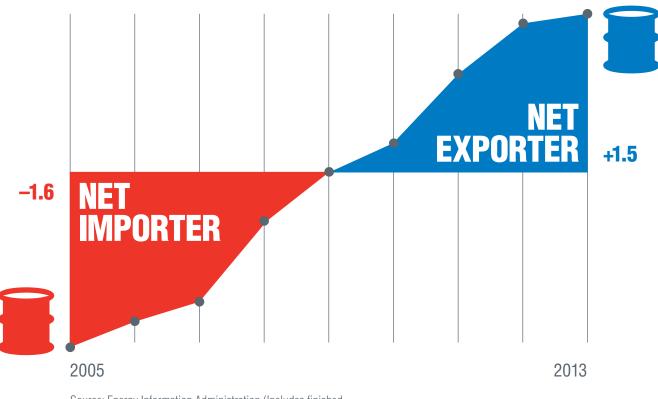
According to the EIA, U.S. refiners exported a record 2.8 million barrels per day of products in 2013, almost 40 percent more than in 2010.

While domestic demand for traditional gasoline is on the decline, demand for diesel fuel here and abroad is rising. Regions like South and Central America are increasingly turning to the United States as a supplier of diesel fuel that complies with their new air-quality standards.

Low sulfur diesel fuel exports rose again in 2013 to levels well over five times what they were in 2005. The largest increases in volumes for 2013 went to Europe, a region that requires very low sulfur diesel fuel.



## **U.S. IS A NET EXPORTER OF PETROLEUM PRODUCTS** MILLION BARRELS PER DAY



Source: Energy Information Administration (Includes finished petroleum products and gasoline blending components.)



## U.S. FACILITIES AIM TO RUN AT PEAK EFFICIENCY AND FULL EMPLOYMENT

U.S. refiners are investing to improve their competitive advantage in light of changing demand and crude oil opportunities. AFPM members are upgrading operations, for example with hydrocracking, to meet rising diesel demand and to achieve greater agility to meet demand for fuels of the future in an environmentally compliant manner. Taking advantage of the growing abundance of North American crude oil, U.S. refiners are adding coking and other crude processing capacity to deal with greater volumes of heavy and light crude oils. The energy boom and the ability of U.S. refiners to address demand shifts means reduced American reliance on oil from unstable regions abroad, and the opportunity for U.S. facilities to run at peak efficiency and full employment.

> AFPM members are upgrading operations to meet demand shifts in an environmentally compliant manner.

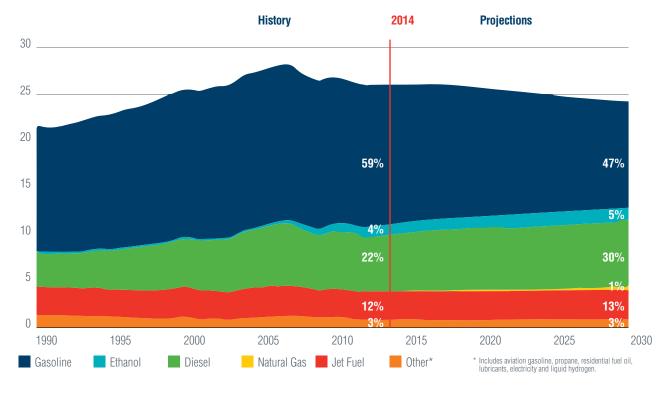
## **U.S. PRODUCT EXPORTS HELP ADDRESS GLOBAL DEMAND** DISTRIBUTION OF U.S. EXPORTS

34% CENTRAL/ SOUTH AMERICA 22% EUROPE 16% MEXICO 14% ASIA PACIFIC 8% CANADA 4% AFRICA 2% MIDDLE EAST 100% TOTAL

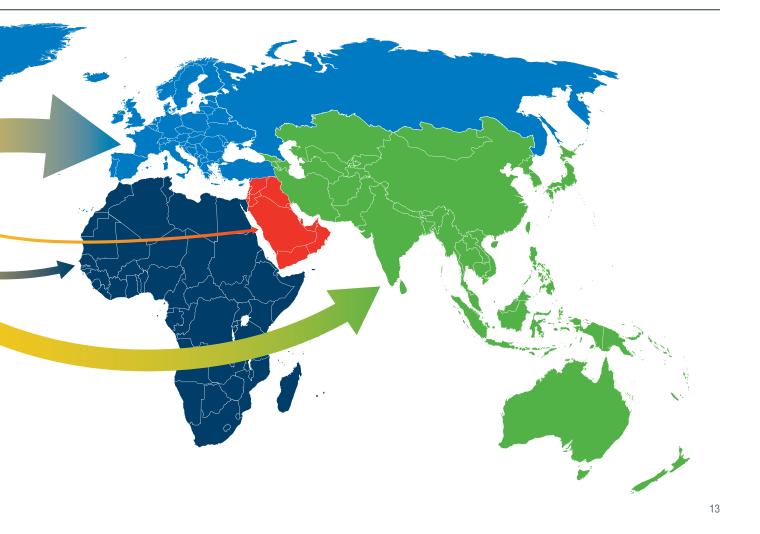
*Source*: Energy Information Administration (Includes finished petroleum products and gasoline blending components.)



## **U.S. GASOLINE DEMAND IS DECLINING, DIESEL INCREASING** TRANSPORTATION ENERGY CONSUMPTION BY FUEL / QUADRILLION BTU



Source: EIA, Annual Energy Outlook 2014 Early Release



# EDUCATING AND ADVOCATING FOR INVESTMENT AND GROWTH

AFPM represents approximately 98 percent of the American refining and petrochemical industries. As such, our agenda is simple – to educate and advocate before Congress, federal regulatory agencies, state governments and in the media in support of energy policies that achieve our shared objectives:

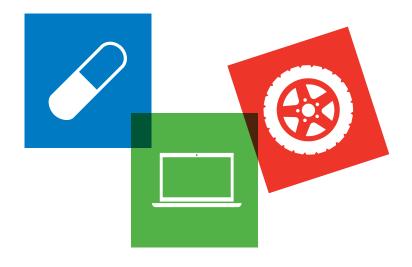
- A level playing field for all industries consistent with a free market economy.
- Regulations that are simple, effective and efficient and are harmonized among jurisdictions.
- Improved energy and national security.
- Increased economic growth and competitiveness.
- Better fuels and products that improve lives.

Attaining these objectives will not just benefit our industries, but many other industries as well and, ultimately, the consumer. To succeed, we are working to ensure that the public fully understand the positive impact our manufacturers and refiners have on life in the 21st century, and to educate policymakers so that they can define policies that make America the best place to innovate, invest and grow. Specifically, we are focused on:

- Fuels policies that are rational, sustainable long-term solutions that bring certainty to fuels markets and that truly reflect an all-of-the-above energy strategy with equal consideration for traditional and alternative sources. We can start by repealing or significantly reforming the federal biofuel mandate, the Renewable Fuel Standard.
- Environmental and other regulations that are predicated on the notion that benefits should outweigh costs and that analysis should be based on sound data and science developed through a transparent process. The Social Cost of Carbon calculation should be revisited and policymakers should explore how to address increasingly contradictory and conflicting regulations.

- A national tax policy that treats all manufacturers fairly and makes the United States an attractive place to manufacture goods for worldwide use.
- Free market policies that recognize and encourage America's new role as a global energy leader.
- Modern chemical policies that are informed by the latest scientific developments to balance risk and benefits while promoting innovation and preserving job creation.
- Workforce initiatives that address the mismatch between the skills manufacturers require to support a manufacturing resurgence and those seeking jobs with family-supporting wages.
- Cybersecurity policies that reflect today's reality in which shared threat intelligence and best practices are critical to combat cyber attackers increasingly motivated to disrupt critical infrastructure.
- Safety programs that enable refining and petrochemical manufacturers to continue to lead the entire U.S. manufacturing sector in personal safety.

AFPM is working to educate the public and policymakers on the positive impact our manufacturers and refiners have on life in the 21st century.





## **EXECUTIVE COMMITTEE**

AFPM is governed by a Board of Directors, which comprises representatives from each of our refining and petrochemical members.

When the Board is not in session, it delegates authority to the AFPM Executive Committee to provide oversight and govern the Association.

The Board of Directors elects a chairman, vice chairman, eleven vice presidents and a treasurer. These officers, together with the immediate past chairman, constitute the Executive Committee. The Board elects a president to serve as chief operating officer of the Washington, D.C.-based staff and headquarters office.

The 2014 AFPM Executive Committee following this year's Annual Meeting is as follows:



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Vice Chairman Gregory J. Goff President and Chief Executive Officer Tesoro Corporation San Antonio, TX



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> KH Neochem Americas. Inc. Toshiaki Fujima

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Kirby Inland Marine, LP Greg Binion

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PCI Consulting Group

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PEI (Mercury & Chemical Services Group)

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Monica Yoo

Doug Theriot

Terence McHugh

Praxair Inc.

John Panikar

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Plant Performance Services LLC (P2S)

Porocel International, LLC

PricewaterhouseCoopers

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John Baardson

OSIsoft

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Process Consulting Services Inc. Scott Golden

Procter and Gamble Chemicals George Koehnke

Provenance Consulting, LLC Jenny Brancheau

PSC **Rick Pitman** 

Recon Refractory Engineering & Const. Dan Bellamv

RedGuard Tim Taton

Refractory Construction Services Co., LLC Chris Lanclos

Reichhold. Inc. Joel Hambrick

Reliability Management Group (RMG) Matt Noble

Rentech Boiler Services, Inc. Lee King

Repcon, Inc. Robert Parker

Richard Industrial Group, Inc. Richard Gaona

Rive Technology, Inc David Aldous

Roddey Engineering Services, Inc. Michael Newton

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SGS Petroleum Service Corporation Brian Haymon

Shermco Industries Shawn Fritts

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SPX Cooling Technologies

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Sulzer Chemtech USA, Inc.

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T.A. Cook

TEDA International Inc. Weniin Xu

Tetra Tech, Inc. John Stevenson

Texas Aromatics L.P. Melbern Glasscock

The Mundy Companies David Mundy

Third Coast International Jim Clawson

Total Energy Corp. Robert Armentano

Total Lubrication Management Traci McConnell

Total Safety U.S., Inc. Dave Fanta

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Transfield Services Summer Austin

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Trihydro Corporation Calvin Niss

Trinity Consultants, Inc. John Hofmann

Tristar Global Energy Solutions, Inc. Meghan Kidwell

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Turner, Mason & Company Malcolm Turner

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United Rentals, Inc. Michael Abbey

United Shutdown Safety Patricia Bareis

Univar USA Inc. Brian Jurcak

Universal Environmental Services (UES) Juan Fritschy

Universal Plant Services, Inc. Brad Jones

**URS** Corporation Donald Nedanovich

Velan Valve Corporation

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Veolia Water Kathleen Murray

Vopak Terminals North America Inc Dick Richelle

Waid Environmental Jason Graves

Weaver Wade Watson

Willbros Tyson Hickey

William W. Rutherford & Associates Bill Rutherford

Wood Group Field Services, Inc. Steve Pairish

Wood Group Mustang Vikas Moharir

Wood Mackenzie Brett Danforth

WorleyParsons James Powers

Yokogawa Maurice Wilkins

Zachry Industrial, Inc. Brandi Lambert

Zeeco, Inc. Stan Brander

Zimmermann & Jansen, Inc. James Adams

## ADVOCACY AND SAFETY PROGRAMS

## **PUBLICATIONS**

#### Advocacy

AFPM's Advocacy group combines the Government Relations, Regulatory Affairs, Legal, Communications and Outreach Departments to work together to inform, educate and advocate to external audiences on behalf of AFPM members.

The Government Relations Department communicates with members of Congress and their staffs.

The Regulatory Affairs Department represents AFPM member interests before federal regulatory agencies and the Executive branch.

The Legal Department provides support to all AFPM advocacy activities and advances AFPM's advocacy agenda through the federal and state courts.

The Communications Department works with the news media to publicize AFPM positions and activities, writes material for AFPM's website and produces other written material about AFPM.

The Outreach Department works with AFPM members and their employees, along with groups and individuals around the country that support and want to advocate AFPM's positions to government officials at the local, state and federal levels.

#### **Safety Programs**

AFPM's comprehensive safety programs are focused on promoting occupational and process safety incident prevention in the petroleum refining and petrochemical manufacturing industries.

#### **Advancing Process Safety**

In 2012, we launched new programs to advance process safety improvements by providing industry with more opportunities to communicate and share experiences and knowledge – vital components of our collective goal to improve process safety performance. Information on the programs is located at www.afpm.org/ Safety-Programs or contact Lara Swett at Iswett@afpm.org.

#### Safety Statistics

For more than 30 years, AFPM has collected occupational injury and illness data from our members' facilities in order to compile the AFPM Survey of Occupational Injuries & Illnesses. In 2011, AFPM began collecting facility data on Tier 1 and Tier 2 Process Safety Events to drive process safety performance improvements. This data is compiled into an annual AFPM Process Safety Event Statistics Report. Companies utilize the aggregated data in these reports as a vital tool in benchmarking their performance in both occupational and process safety.

#### Awards & Recognition

The AFPM Safety Awards Program honors member companies whose facility operations and contractors meet a level of excellence based on records kept for employees in accordance with the Occupational Safety & Health Administration (OSHA) record keeping requirements and ANSI/API RP 754 Process Safety Performance Indicators for the Refining and Petrochemical Industries.

The Distinguished Safety Award is presented each year to the facility or facilities that have attained a superior safety performance throughout the year and shown continuous improvement from previous years. This award, along with the others, is presented during the Safety Award Celebration held in conjunction with the National Occupational and Process Safety Conference each spring.

For more information or questions concerning the Safety Statistics, Awards Program or the National Occupational and Process Safety Conference, please visit the AFPM website at www.afpm.org/ Safety-Programs or contact Anna Scherer at ascherer@afpm.org. AFPM publications inform our members about industry statistics, technical innovations, environment and safety developments, security and many other relevant issues.

AFPM's online store allows you to search technical papers and reports by keyword, author, and/or meeting and directly download to your computer. Learn more at www.afpm.org/publications.

#### **Newsletters and General Publications**

- Annual Report
- AFPM Member Newsletter
- Daily Alert
- Fuel Line
- Green Room Report
- Security Watch
- Tech Update

#### **Statistics**

- Annual Survey of Occupational Injuries & Illnesses
- U.S. Refining Capacity Report
- Lubricating Oil and Wax Capacity Report
- Process Safety Event Report

#### **Subscription Publications**

The AFPM Petrochemical Programs has a new, secure online data portal to give all survey participants and subscribers a centralized site for submitting, viewing and analyzing the statistics reports that can be accessed from anywhere at any time. To view the Petrochemical Statistics Publications listing, visit http://afpm.org/ petrochemical-statistics

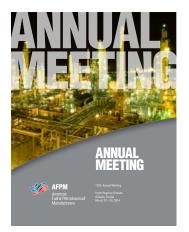
#### **Technical Papers**

- Annual Meeting Papers
- Reliability & Maintenance Conference Papers
- Environmental Conference Papers
- National Occupational and Process Safety Conference Papers
- Clean Fuels Challenge Papers
- Plant Automation and Decision Support Conference Papers
- International Lubricants & Waxes Meeting Papers

#### Transcripts

- Q&A and Technology Forum
- Biennial Cat Cracker Seminar Q&A

## **MEETINGS**



**Annual Meeting** Hyatt Regency Orlando, Florida March 23 – 25, 2014



International Petrochemical Conference Grand Hyatt San Antonio, Texas March 30 – April 1, 2014



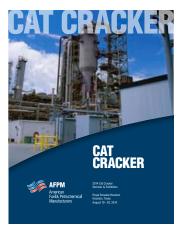
**Security Conference** Hilton Palacio del Rio San Antonio, Texas April 14 - 16, 2014

AFPM is widely recognized for organizing national conferences and meetings held annually that are devoted to examining the critical issues facing fuel and petrochemical manufacturers. These comprehensive, information packed meetings offer a wide array of opportunities for member participation from all levels of company personnel.

In addition to the annual line-up of conferences, AFPM periodically hosts meetings on timely topics, alone or in conjunction with government agencies, other trade associations and industry groups.

Each meeting focuses on a different discipline and is organized around general sessions, panel discussions, workshops, roundtable discussions, vendor exhibitions and numerous networking activities.

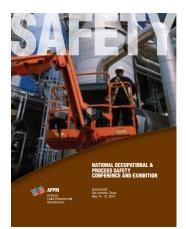
At the meetings, critical information and industry practices are exchanged to help members meet the challenges of modern business. Specific program information on AFPM's meetings may be found at www.afpm.org/meetings.



**Cat Cracker Seminar** Royal Sonesta Houston Houston, Texas August 19 - 20, 2014



**Board of Directors Meeting** Terranea Resort Rancho Palos Verdes, California September 7 – 9, 2014



National Occupational & Process Safety Conference Grand Hyatt San Antonio, Texas May 14 - 15, 2014



**Reliability & Maintenance Conference and Exhibition** Convention Center San Antonio, Texas May 20 – 23, 2014



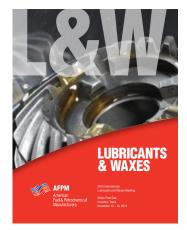
Labor Relations/ Human Resources Conference Convention Center San Antonio, Texas May 21 – 22, 2014



**Q&A and Technology Forum** Hyatt Regency Denver Denver, Colorado October 6 – 8, 2014



**Environmental Conference** Marriott Rivercenter San Antonio, Texas October 19 – 21, 2014



**International Lubricants & Waxes Conference** Hilton Post Oak Houston, Texas November 13 – 14, 2014

## **MEMBERSHIP** JOIN TODAY!

## THE VAST MAJORITY OF AMERICAN PETROLEUM REFINERS AND PETROCHEMICAL MANUFACTURERS, ALONG WITH HUNDREDS OF INDUSTRY SERVICE COMPANIES, ARE CURRENTLY MEMBERS OF AFPM.

To find out more contact LaToya Blackburn at: membership@afpm.org 202.457.0480 www.afpm.org/benefits-of-membership

## **STANDING COMMITTEES**

The AFPM Board of Directors relies on the counsel and support of experts among its membership to accomplish specific Association functions and plan for the Association's future. There are 20 standing committees that serve to assist the Board in achieving AFPM's goals.

Please visit the AFPM website for a complete description of all committees and their rosters at www.afpm.org/committees.

The **Issues Committee** advises the Executive Committee and provides direction and guidance to AFPM staff on current policy issues important to the refining and petrochemical industries. **Chair:** Gregory Goff, Tesoro Corporation **AFPM Secretary:** Brendan Williams

#### The Associate Steering Committee

provides a forum for the Association's contractors, suppliers, vendors and consultants, to communicate with the Board of Directors on items of mutual interest and support. Chair: Jeff Davis, Brock Group AFPM Secretary: Susan Yashinskie

#### The Communications Committee

shares information, ideas and communications strategies to increase support by external audiences for policy positions established by the Executive Committee and adopted by the AFPM Board. **Chair:** Jim Temple, Ergon, Inc. **AFPM Secretary:** Diana Cronan

#### The Environmental Committee provides

a forum for members to exchange views and discuss environmental activities and advises the AFPM Board and staff on current environmental laws/regulations. **Chair:** Cynthia Gleason, Chevron Phillips Chemical Company LP **AFPM Secretary:** David Friedman

#### The Fuels Committee provides

information and policy recommendations concerning legislative, regulatory and motor fuel specification developments. **Chair:** Marla Benyshek, Phillips 66 **AFPM Secretary:** Tim Hogan

#### The Government Relations Committee

serves as the principal forum for sharing information, ideas and strategies on legislative and regulatory issues important to the refining and petrochemical industries. **Chair:** Dave Sander, Chevron **AFPM Secretary:** Geoff Moody

The **Legal Committee** provides legal and litigation strategy recommendations to advance the interests of the Association membership.

**Chair:** Steve Forsyth, Exxon Mobil Corporation

AFPM Secretary: Richard Moskowitz

## The Labor Relations & Human

**Resources Committee** facilitates the exchange of information on matters related to industrial and labor relations, human resources practices and collective bargaining. **Chair:** Hope VonBorkenhagen, National Cooperative Refinery Assoc. **AFPM Secretary:** Daniel Strachan

#### The Lubricants & Waxes Committee

provides oversight and assistance on matters related to automotive oils, lubricants and waxes. **Chair:** Janet Jordan, Masterank America Inc. **AFPM Secretary:** Daniel Strachan

The **Waxes Subcommittee** promotes the benefits of current and new wax uses and technologies to the marketplace as well as issues related to the safe handling, transportation and specifications of petroleum wax. **Chair:** Greg Vascik, HollyFrontier Corporation **AFPM Secretary:** Daniel Strachan

The **Maintenance Committee** promotes the exchange of technical information and proven practices on reliability, maintenance, inspection, procurement, project engineering and turnarounds. **Chair:** Brad Hase, Flint Hills Resources, LP **AFPM Secretary:** Gordon Robertson

#### The Exhibitor Subcommittee provides

overall support to the Reliability & Maintenance Conference exhibits by reviewing booth layouts and providing recommendations for continuous improvement of the show. Chair: Tobie Craig, Turner Industries Group AFPM Secretary: Helen Kutska

#### The Manufacturing Committee provides

technical support and recommendations on matters that affect facility operations and products including federal, state and local laws and regulations.

Chair: James Stump, HollyFrontier Corporation

AFPM Secretary: Jeff Hazle

#### The Petrochemical Committee advises

the AFPM Board and staff on current issues of importance to the petrochemical industry. **Chair:** G.R. Cardillo, Enterprise Products Operating LLC **AFPM Secretary:** Melissa Hockstad

#### The Petrochemical Statistics

**Subcommittee** advises and assists the Petrochemical Committee and AFPM staff on matters pertaining to the collection and dissemination of statistics on petrochemicals, including trade, production and inventories. **Chair:** Michael E. Williamson.

ExxonMobil Chemical Co. AFPM Secretary: Melissa Hockstad

#### The Plant Automation & Decision

**Support Committee** focuses on sharing practical experience with the application, management, and integration of computing technology in areas including process control and automation, modeling, real-time optimization and Internet-based applications.

**Chair:** Michael Wroe, Enterprise Products Operating LLC **AFPM Secretary:** Daniel Strachan

## STAFF

President

**Charles T. Drevna** 

David N. Friedman

#### The Safety and Health Committee

provides a forum for members to exchange views and share occupational and process safety best practices and developments in safety related legislation and regulation. **Chair:** Willis Jernigan, Flint Hills Resources, LP **AFPM Secretary:** Lara Swett

The **Industrial Hygiene Subcommittee** provides a forum for the exchange of information on industrial hygiene, regulatory and legislative trends and developments as well as other matters concerning industrial hygiene standards and practices

**Chair:** Karen Jones, TOTAL Petrochemicals & Refining USA **AFPM Secretary:** Daniel Strachan

The **Security Committee** solicits and assembles recommendations on security-related practices and policies, standards and guidelines, and regulatory and legislative trends and ensures recommendations receive consideration by appropriate governmental bodies, industry or trade groups.

**Chair:** Kent Steed, Chevron U.S.A. Inc. **AFPM Secretary:** Jeff Gunnulfsen

The **Cyber Security Subcommittee** provides information and recommendations on matters pertaining to cyber security and cyber threats.

**Chair:** Steve Elwart, Ergon, Inc. **AFPM Secretary:** Daniel Strachan Vice President, Regulatory Affairs

Melissa S. Hockstad Vice President, Petrochemicals

**Sarah K. Magruder Lyle** Vice President, Strategic Initiatives

Richard S. Moskowitz General Counsel

Gerald R. Van De Velde Chief Financial Officer

Brendan E. Williams Senior Vice President, Advocacy

Susan E. Yashinskie Vice President, Member Relations & Development

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Tanya Cooper Coordinator, Conference Programs

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Steve Higley Director, Outreach Tim Hogan Director, Motor Fuels

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Lara Swett Director, Health & Safety Programs

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AFPMOnline AFPMmeetings

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