



# 21 WINS IN 2021

The  
**Aluminum**  
Association



# Letter from the President & CEO

I was honored to return to the Aluminum Association at the beginning of 2022 following a period of transition and renewal for the U.S. industry. As demand recovered across nearly all of our major markets in 2021, the Aluminum Association worked hand-in-glove with our volunteer membership to tackle some key challenges – from navigating the lingering impacts of the COVID-19 pandemic to working with a new administration and Congress on essential elements of our Aluminum Agenda policy roadmap.

The industry once again proved its durability – and adaptability. We are proud of the part that the Aluminum Association played in supporting the industry last year. With your help, the association successfully executed on much of its 2021 action plan, with 21 specific wins outlined in this annual report. As we look ahead to a period of immense challenge and enormous opportunity, I could not be more encouraged by the work we have done together so far or more enthusiastic about the work that lies ahead.

**Charles Johnson**  
President & CEO  
The Aluminum Association



# 1

## Choose Aluminum Campaign Tells Our Story

We launched the Choose Aluminum sustainability campaign to better communicate aluminum's inherent sustainability to stakeholders and customers. The campaign includes a new 5-part video series on major markets, a successful digital ad buy, enhanced communications toolkits and more.



Scan to watch the Choose Aluminum 5-part video series.



# 2

---

## Advisory Group Sets Path Forward on Climate

As issues around climate change and industry sustainability rise in importance, the association convened a member-led group to advise on carbon policy engagement and technology opportunities for decarbonization. A complement to our Sustainability Advisory Council, the Climate Advisory Group has a laser-like focus on how best to move the industry forward as carbon policy becomes increasingly important for energy intensive industries like aluminum.



# 3

## New Research Highlights Aluminum Sustainability

The association released the 2021 Aluminum Can Key Performance Indicators (KPI) report, which shows the aluminum can remains the most sustainable beverage container on the market today. The 2021 Aluminum Can Life Cycle Assessment (LCA) report revealed that the carbon footprint of aluminum cans made in North America has dropped by nearly half over the past three decades. More broadly, another new LCA report shows that the energy and carbon impact of aluminum production in North America has dropped to its lowest point in history.



**Aluminum beverage cans made in North America are among the least carbon intensive in the world**



**The carbon footprint of North American aluminum production has declined by more than half since 1991.**

# 4

## Roadmap to Guide Next Decade of Auto Aluminum Growth

After more than a year of work, the association completed the *Roadmap for Automotive Aluminum*, which lays out key research and development (R&D) priorities and technology milestones designed to support customer needs to advance all elements of aluminum production for automotive applications. The *Roadmap* specifically breaks the priorities into five key buckets: Design Engineering; New Alloys and Products; Future Vehicles; Next-Generation Aluminum Fabrication Technologies; and Recycling and Sustainability.



# 5

## Container Deposit Advocacy to Drive New Recycling Rate Targets

It's very clear that well-designed container deposit programs are the single most effective policy to bring back more high quality aluminum scrap to the recycling system. As such, the association signed onto an effort with the Can Manufacturers Institute (CMI) to grow the consumer recycling rate for aluminum beverage cans from 45% today to 70% by 2030. It's an ambitious target, and in our view, the best way to make progress toward it is to push for new, consumer-friendly deposit programs in key targeted states.



The U.S. could save around

# \$800M

each year by recycling  
aluminum cans that  
currently end up in landfills



# 6

---

## First Update in More than a Decade for Key Industry Publication

The association published the 16th edition of *Standards for Aluminum Sand and Permanent Mold Castings*. The first update since 2008, this new edition is an essential guide for anyone who works with aluminum castings. A definitive resource for standardizing the entire gamut of technical criteria and conditions, the publication facilitates optimal communication between purchasers and manufacturers in terms of design and fabrication.

# 7

---

## New Online Portal Brings Statistics Program into Digital Age

Industry statistics are a core function of the Aluminum Association's work. In 2021, we launched a wholly revamped, state-of-the-art Statistics Portal complete with interactive dashboard and presentation-ready charts and graphs. The Portal gives members and subscribers a better user experience while looking at key business information and industry data.

# 8

## Year-End Spending Brings U.S. Industry Investment to \$4 Billion Over 10 Years

Following a relatively quiet period during the height of the COVID-19 pandemic in 2020, the aluminum industry continued its decade-long expansion in the United States. Through the summer of 2021 to early 2022, the industry invested more than \$800 million in U.S. manufacturing, largely driven by continued automotive expansion and new recycling assets. Since 2013, the industry has invested more than \$4 billion in U.S. manufacturing.



# 9

---

## Aluminum the Focus of 6 New Department of Energy Grant Projects

The Department of Energy (DOE) awarded grants totaling nearly \$5 million through the REMADE Institute to reduce carbon emissions in aluminum manufacturing. The Aluminum Association, along with several partner organizations, were integral in securing much of this DOE funding which will help to make the production, recycling and use of aluminum even more sustainable.



The Department of Energy  
(DOE) awarded grants  
totaling nearly

**\$5M**

to reduce carbon emissions  
in aluminum manufacturing

10

---

## Major Trade Enforcement Wins in Foil, Common Alloy

The Aluminum Association successfully concluded major antidumping and countervailing duty (AD/CVD) cases in key markets to address unfairly traded aluminum imports that injured domestic producers, resulting in over \$130 million in return on investment for the industry. The U.S. International Trade Commission (USITC) unanimously determined that unfairly traded imports of common alloy aluminum sheet from 16 countries and unfairly traded imports of aluminum foil from five countries have materially injured U.S. producers.

11

---

## New Import Monitoring System a Key Tool to Combat Unfair Trade

This year, the Commerce Department launched a new program to track aluminum trade flows around the world. Long an association priority, the Aluminum Import Monitoring and Analysis system received bipartisan support and serves as an early warning system to detect potential transshipment and duty circumvention. Monitoring trade flows is vital to ensuring a fair and level playing field for aluminum producers.

# 12

## Updated Aluminum Agenda Tackles Climate, Recycling

Originally released in 2019, the Aluminum Agenda is the association's policy roadmap for a strong and vibrant U.S. aluminum industry in the 21st century. A living document, this year, the Aluminum Association updated the agenda, adding new categories for Climate and Recycling along with Infrastructure, Trade and Workforce.

## Industry Priorities



**Climate**



**Infrastructure**



**Recycling**



**Trade**



**Workforce**

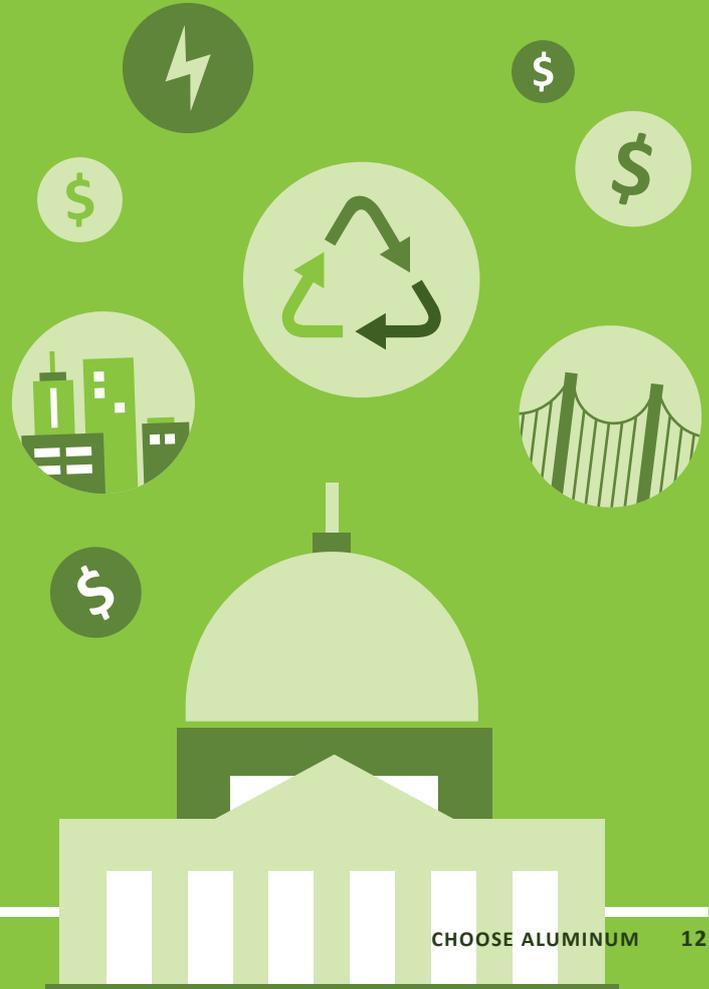


Scan to read our updated Aluminum Agenda

# 13

## Infrastructure Initiative Yields Success

Infrastructure was a major priority in Washington, D.C. in 2021, and the Aluminum Association's advocacy on the Bipartisan Infrastructure Deal helped drive more than \$400 billion in spending that will impact the aluminum sector. The infrastructure package will drive continued market growth and recycled supply chain investments for U.S. aluminum over the next decade.



# 14

---

## Regulatory Engagement Moves the Needle on Stormwater Rules

The association's ongoing regulatory work can have an outsized impact. For example, in 2021 the Environmental Protection Agency (EPA) released revised stormwater permitting rules reflecting significant input from the association and correcting outdated science on how natural aluminum from soil behaves in stormwater. The new approach by the EPA is a significant improvement that yields benefits for not only the aluminum industry but also others with stormwater discharges.

# 15

---

## Association Webinars Build Relationships with Key Agencies

The association has worked hard over the years to develop a good working relationship with key federal agencies. In 2021, the association hosted a webinar series for Customs and Border Protection (CBP) officials as they monitor and enforce aluminum trade remedies. And anticipating potential supply chain issues, the Department of Defense asked the association to facilitate an educational webinar to explain specific authorities available to assist supply chain debottlenecking that affects defense applications.

# 16

## Industry Events Bring Safety Programs Back in a Big Way

For the first time since 2019, the association convened the industry in person to discuss the best practices and latest advances in aluminum safety. We hosted a sold-out Casthouse Safety Workshop and partnered with the Aluminum Extruders Council to host the Aluminum Safety Summit. Meanwhile, the 2021 Molten Metal Incident report found that reported injuries for 2020 were at their lowest level since the report's inception in the early 1980s.



Aluminum Safety Summit in Rosemont, Illinois; November 2021



Casthouse Safety Workshop in Cincinnati, Ohio; October 2021



# 17

## PAC Program Supports Congressional Champions

The Aluminum PAC is a key tool in the association's advocacy toolbox to increase the industry's profile, build credibility and develop long-term relationships with lawmakers. In 2021, the PAC raised over \$50,000 dollars and contributed over \$45,000 to Members of Congress who understand and support our industry.



In 2021, the PAC raised over

**\$50,000**

and contributed over

**\$45,000**

to members of Congress.



Scan to learn more about  
the Aluminum PAC

# 18

## Fully Redesigned Website Tells Industry Story

For the first time since 2014, the association carried out a complete redesign of its online hub – [www.aluminum.org](http://www.aluminum.org). The new site better reflects the association’s core values and highlights aluminum’s many great uses and characteristics. The new website is an incredibly important asset for the association to continue to promote industry to policymakers, customers, the press and more.

# 19

## Association Op-Eds Cut Through the Clutter

Strategic media coverage can advance the industry’s message and advocacy efforts. In addition to steady-state communications, the Aluminum Association placed op-eds in the *Pittsburgh Post-Gazette* and *RealClearEnergy* in support of our policy positions on trade and recycling.



Scan to read our op-eds in support of trade and recycling.

# 20

## Association Returns to In-Person Events

An association's best asset is its ability to convene the industry. We were glad to welcome members back to in-person meetings in the fall to discuss association business, gain industry insight and recognize outstanding individual achievement. At our annual meeting, we announced two winners of the Marlan T. Boultinghouse Award and a winner of the Chairman's Award (see photos). At the biennial Aluminum USA trade show, we partnered with market analysts at CRU Aluminum to add the Executive Insight Conference, enhancing the market insight and networking opportunities.



Pictured left to right: John Herrmann of Kelley Drye, winner of Chairman's Award; Christel Hunter of Cerro Wire, winner of the 2020 Boultinghouse Award; Marco Palmieri of Novelis, immediate past association chair; and Tom Grosko of Smelter Service, winner of the 2021 Boultinghouse Award. *Rodney Choice Photography*



Aluminum Association reconvenes in-person for fall member meeting in Washington, D.C. *Rodney Choice Photography*



# 21

## Association Activates on Membership

It was a busy year on the membership front at the Aluminum Association. Not only did the association exceed its membership goal to end the year with a net positive membership total, but the team also developed and launched a new membership structure for companies focused on meltable aluminum products for casting applications. These products, such as specification ingot and RSI, that are sourced from recycled aluminum are critical products in the U.S. aluminum supply chain. The new structure, developed in partnership with companies in this category, makes membership in the association more accessible to this key segment of the industry.

## Board of Directors

---

**Buddy Stemple**, Constellium, **Chair**

**Henry Gordinier**, Tri-Arrows Aluminum, **Vice Chair**

**Tom Boney**, Novelis

**Jim Checkeye**, Bloom Engineering

**Paul-Henri Chevalier**, Jupiter Aluminum

**Tolga Egrilmez**, Rio Tinto

**Erin Fauber**, AMCOR

**Trond Gjellesvik**, Hydro

**Matt Hanley**, Vail Rubber Works

**Terry Hogan**, Real Alloy

**Mike Keown**, Commonwealth Rolled Products

**John Lapidis**, United Aluminum

**Patrick Lawlor**, Granges

**Lee McCarter**, JW Aluminum

**Charlie Murrah**, Southwire

**Wes Oberholzer**, Smelter Service

**Mike Otero**, Almexa Aluminio

**Murray Rudisill**, Reynolds Consumer Products

**Neeraj Saxena**, Messer

**Garney B. Scott, III**, Scepter

**Charles Straface**, Hydro Extrusions

**Tom Testwuide**, Skana Aluminum

**Mark Vrablec**, Arconic

**Jason Walsh**, Kaiser Aluminum

## Board Committee Leadership

---

### Executive Committee

**Henry Gordinier**, Tri-Arrows Aluminum

### Finance Committee

**Tom Grosko**, Smelter Service

### Legal Audit

**John Donnan**, Kaiser Aluminum

### Membership

**Wes Oberholzer**, Smelter Service

### Nominating

**Henry Gordinier**, Tri-Arrows Aluminum

### Sustainability Advisory Council

**Terry Hogan**, Real Alloy

*As of March 1, 2022*

## Resource and Support Group Leadership

---

### Associate Member

**Neeraj Saxena**, Messer

### Environmental

**Edgar Scott**, Kaiser Aluminum

### Government & International Affairs

**Delphine Dahan-Kocher**, Constellium

### Health & Safety

**Jim Wesdock**, Alcoa

### Statistical & Market Research

**Andrew Cordell**, Constellium

### Technical Committee on Product Standards

**Jerome Fourmann**, Rio Tinto

## Market Committee Leadership

---

### Aluminum Transportation Group (ATG)

**Mike Keown**, Commonwealth Rolled Products

### Aluminum Transportation Group Technical Committee

**Blake Zuidema**, Novelis

### Building & Construction

**Laura Lanza**, Novelis

### Can Sheet Producers

**Raphael Thevenin**, Constellium

### Casting & Recycling

**Brian Wolfe**, Vulcan

### Electrical

**Christel Hunter**, Cerro Wire

### Foil

**Brad Thomas**, Granges

### Heavy Truck

**Daide Ricci**, Novelis

### Pigments & Powder

**Louise Ramsey Thomas**, U.S. Metal Powders

### Secondary Producers

**Chad Tucker**, Scepter

### Sheet & Plate

**Jason Walsh**, Kaiser Aluminum



## Thank You to Our Aluminum PAC

### Chair Level

**Charles Johnson**, The Aluminum Association  
**Garney Scott**, Scepter  
**Jean-Marc Germain**, Constellium  
**Lisa Scheller**, Silberline

### Presidential Level

**Buddy Stemple**, Constellium  
**Erin Fauber**, AMCOR  
**Joe Quinn**, The Aluminum Association  
**John Herrmann**, Kelley Drye & Warren  
**Marco Palmieri**  
**Tom Dobbins**  
**Virginia Gum**, The Aluminum Association

### Congressional Level

**Charles Straface**, Hydro  
**Curt Wells**, The Aluminum Association  
**Duncan Pitchford**, Hydro

**Edgar Scott**, Kaiser  
**Fiona Bell**, Novelis  
**Henry Gordinier**, Tri-Arrows Aluminum  
**Jason Walsh**, Kaiser  
**Jennifer Cassidy**, The Aluminum Association  
**John Weritz**, The Aluminum Association  
**Mark Vrabec**, Arconic  
**Messer PAC**  
**Mike Belwood**, Arconic  
**Terry Hogan**, Real Alloy  
**Tom Testwuide Sr.**, Skana Aluminum

### Supporter Level

**Bhavna Mistry**  
**Chad Tucker**, Scepter  
**Chris Garisek**, Real Alloy  
**Delphine Dahan-Kocher**, Constellium  
**Jim Checkeye**, Bloom Engineering  
**John Wharton**, Gresham Smith

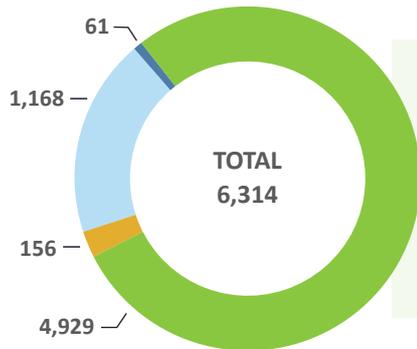
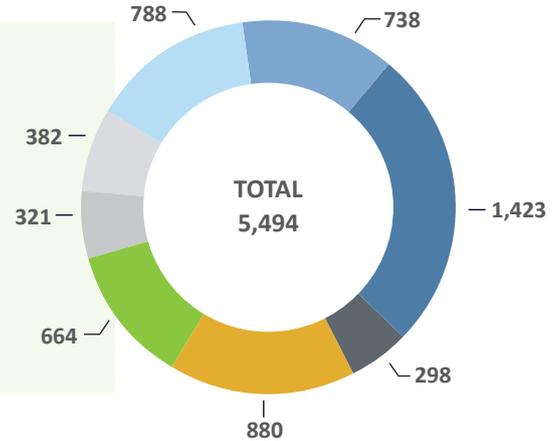
**Lauren Wilk**, Arconic  
**Lee Simowitz**, BakerHostetler  
**Luis Pinto**, Alcoa  
**Matt Hanley**, Vail Rubber Works  
**Matt Houston**, Golden Aluminum  
**Matt Kripke**, Kripke Enterprises  
**Matt Meenan**, The Aluminum Association  
**Matt Riehl**  
**Mike Hanley**, Vail Rubber Works  
**Mike Otero**, Almexa  
**Murray Rudisill**, Reynolds  
**Phil Negri**, AMCOR  
**Ryan Olsen**, The Aluminum Association  
**Sonya Harden**, Alcoa  
**Subodh Das**, Phinix  
**Tina Kimble**, Novelis  
**Tom Boney**, Novelis

*As of March 1, 2022*

The Aluminum Association ended the year with a surplus from careful cost management.

## 2021 Core Program Costs

(in thousands)



## 2021 Total Program Spending

(in thousands)





The  
**Aluminum**  
Association



@AluminumNews



AluminumAssociation



linkedin.com/company/the-aluminum-association



aluminum.org



youtube.com/user/AluminumAssn



@AluminumNews