To our Members:

In the face of many challenges, agriculture remains a key stakeholder in global conversations on sustainability, commerce, and security. While early predictions of input scarcity have turned to oversupply, and interest rate trends have both helped and harmed organizational finances, your commitment to and investment in AgGateway has not wavered.

In return, our work at both the staff and volunteer levels have paid dividends in efficiency and thought leadership in 2023, and set our organization up to lead in 2024 and beyond. Though the year is not yet complete, working groups have delivered digital resources for publication, including:

- Guidelines for implementing GTIN in crop protection products
- Process documentation for management of product at a third-party location
- Modifications of messages to support booking and inventory management
- Dataset metadata and recommendations for semantic infrastructures supporting agriculture

We’ve also made great progress on extending the utility and adoption of our core resources. ADAPT components have been downloaded more than 400,000 times, and the first draft of an ADAPT format standard is nearing completion. And use of AGIIIS and the identifiers stored there continues to increase.

This was also a tremendous year for education and outreach, including staff and membership participation at trade shows, regional meetings, podcasts, and technical and academic conferences. All these opportunities raise AgGateway’s profile as the place for agriculture-related data and standards discussions to take place.

The future is, as many observe, driven by data. Looking to the new year, we will be fully in the second half of our current five-year plan to create value through the development of resources, the engagement of members and other stakeholders more effectively, and growth of the return on your investments in terms of implementation, networking, and resource availability.

Data and your ability to access, use, and exchange it in a timely, relevant, and consistent manner is what AgGateway is about. Whether you’re responding to sustainability expectations, regulatory requirements, or supply chain visibility needs, your development, adoption, and implementation of standards will position you for success.

The staff and leadership of AgGateway look forward to continued collaboration as we identify, prioritize, develop, and implement those resources you need to manage data. The future is here.

Feroz Sheikh
Chair, AgGateway Board of Directors

Brent Kemp
President & CEO, AgGateway
Our standards and systems bring tremendous value to agriculture – value that is only fully realized when we engage with our peers and partners around the world. To this end, the staff and volunteer leadership of AgGateway traveled far and wide to meet with industry stakeholders and organizations around the world to educate and collaborate. The list below represents staff and volunteer travel this past year:

| **AgGateway Connectivity Roadshows** | Iowa, Nebraska, and Indiana | Brent Kemp and Ann Vande Lune |
| **AAPCO Spring Conference** | Arlington, VA | Brent Kemp |
| **Commodity Classic and AEM Plugfest and AFIA Visit** | Orlando, FL | Ben Craker |
| **Purdue OATSCON** | West Lafayette, IN | Ben Craker |
| **PrecisionAg Vision Conference** | Phoenix, AZ | Brent Kemp |
| **Tech Hub Live** | Des Moines, IA | Jeremy Wilson, Ben Craker, Paul Schrimpff |
| **World Dairy Expo** | Madison WI | Ben Craker |
| **AgCIO Roundtable meetings with AWS and Microsoft** | Seattle, WA | Jim Wilson |
| **Brooklyn 6G Summit** | New York, NY | Ben Craker |
| **NAPDC Conference** | Lincoln, NE | Ben Craker |
| **Field Boundary Working Group In-Person Meeting** | Altoona, IA | Brent Kemp, Ben Craker, Jim Wilson |
| **ISO Technical Committee 154** | Hong Kong, China | Jim Wilson |
| **China National Institute of Standardization** | Beijing, China | Jim Wilson |
| **OntoCommons** | Oslo, Norway | Jim Wilson |
| **Swedish Agriculture Data Sharing Platform** | Kristianstad, Sweden | Jim Wilson |
| **AEF AgIN Meeting** | | Ben Craker and Jim Wilson |
| **Agritechnica** | Hanover, Germany | Conny Graumans, Jose Loyola and Jim Wilson |
| **AgriShow and Member Visits** | Ribeirão Preto, São Paulo, Brazil | Jose Loyola and Brent Kemp |
| **ALTA Summer Meeting** | Bloomington, IL | Jeremy Wilson |
| **AEM Technology Innovation Council & AEF Joint meeting** | Duluth, GA | Ben Craker |
| **AEF Tech Week Wageningen** | The Netherlands | Conny Graumans |

### Podcasts and Virtual Presentations

- **CISA AEM CyberSecurity Webinar** | Ben Craker
- **Cyber Security Analysts Network (CSAN) Canada AEM CyberSecurity Webinar** | Ben Craker
- **Tim Hammerich’s Future of Ag Podcast** | Jeremy Wilson
- **Building Beta Data Management Protocols for Soil Carbon GHG Quantification** | Ben Craker
- **NAPDC Webinar Series** | Ben Craker
- **USDA Agricultural Greenhouse Gas Quantification Expert Workshop** | Jeremy Wilson
- **FCC Precision Ag Connectivity Taskforce Presentation** | Jeremy Wilson, Ben Craker
- **IEEE Enabling a Smart and Equitable Agriculture Ecosystem** | Ben Craker
Volunteers are central to the work we do, and each year we celebrate exceptional dedication and service through our annual awards program. The AgGateway In Action Awards honor individuals and organizations from each region for outstanding contributions within the calendar year. The President’s Awards are personally selected by the president of AgGateway for exceptional service, and the Ron Storms Leadership Award is given for long-term, sustained work on multiple organization initiatives.

### 2023 Award Recipients

**Ron Storms Award**

Stuart Rhea
Syngenta

**President’s Awards**

Boonserm Kulvatunyou
National Institute of Standards and Technology

Hakju Oh
National Institute of Standards and Technology

Evan Wallace
National Institute of Standards and Technology

**New in 2023: The Ron Farrell Attitude Award**

Ron Farrell was a founder of AgGateway, and for nearly two decades was a catalyst for the connectivity and interoperability initiatives the organization has enabled throughout its history. Ron’s ubiquitous blue sports coat always featured a gold lapel pin displaying the word “Attitude.” It served as a constant reminder that with the right mindset and a spirit of collaboration we can reach our goals.

Ron succumbed to cancer in 2020, but his inspiration lives on in the work and people that drive our achievements. To celebrate his contributions, we are pleased to announce the inaugural Ron Farrell Attitude Award. This honor will be presented annually to a volunteer to recognize those who make it their personal responsibility to make a difference in the industry. **This year’s recipient is Ann Vande Lune.**

Brent Kemp explains: “For more than a decade, Ann has gone above and beyond bringing connectivity solutions to her own organization through the collaborative process at AgGateway. She recognized the transformative power of these tools and systems and has always gone the extra mile to share her stories of success with others in the industry, including other retailers. We’re grateful for her passion and work ethic, and we can’t think of a better first recipient of this award.”
The year 2023 marked some substantial progress in the AgGateway Portfolio with the sunsetting of a number of Working Groups that had met their goals, and the creation of new groups that were identified as essential initiatives to pursue in the months ahead. The chart below provides a visual summary of the state of Working Groups as we look ahead to 2024.

**Key “victories” the Portfolio Team is celebrating as the year comes to a close include the following:**

### Progress on ADAPT as Standard.

The Annual Conference marked a significant milestone for ADAPT – the open-source team delivered Version 1 of the new ADAPT Standard ready for review. WG19 contributed the technical recommendation on how to serialize the new standard, this moves ADAPT from the original ADAPT Toolkit “machine and data card” centric view of data exchange to a “field focused” view, built to enable cloud-to-cloud communication.

### Modus on the Move.

With just a few details left to be worked out, Modus v2 is nearly ready for release. This is exciting news, as our membership and industry partners have been expressing genuine enthusiasm for the latest edition and readiness to adopt.

### Delivering Resources.

The Standards and Guidelines Committee was thrilled to be able to approve a number of completed digital resources in September. The Booking and Prepay Messaging Working Group experimented with an accelerated process involving two extended meetings, the group delivered and had its revised Inventory Actual Usage message gain approval in record time. This experiment will inform the cadence of future working groups, helping AgGateway accelerate the delivery of digital resources to address inefficiencies in the industry while making the best use of volunteer time.