



2022  
YEAR IN REVIEW

**CREATE,  
ENGAGE, GROW, 2.0**

A REENERGIZED COMMITMENT  
TO DIGITAL CONNECTIVITY



# CREATE, ENGAGE, GROW, 2.0

## *A Reenergized Commitment to Digital Connectivity*

### 2022 YEAR IN REVIEW



*Brent Kemp*



*Doug Farrington*

#### To Our Members:

The year began with optimism that the global pandemic was, if not fading, then at least evolving to allow work as we knew it in 2019 to resume. It is ending with new international crises and renewed focus on business fundamentals and financials. In this context, our efforts to enable the transformation to digital agriculture are more relevant - and urgent - than ever before.

In 2022, AgGateway's mission of developing resources and relationships has resulted in a plethora of accomplishments: Globally applicable implementation guidelines for GTIN (Global Trade Item Number) enumeration of crop protection products; New guidelines for crop nutrition product management in third-party storage scenarios; The creation of v0.1 of an ADAPT standard; And continued evolution of in-field product identification, harvest data collection, and laboratory testing standards.

Whether a member is an input manufacturer, retailer, systems integrator, or field data consumer, the work AgGateway has done this year can positively impact operational efficiency and organizational priorities.

We also answered the call for improved protection against data breaches and privacy threats. This year, we implemented increased security and password requirements for AgGateway member data resources and shared services such as AGIIS (Ag Industry Identification System). We will continue to evaluate and respond to security recommendations on behalf of our members as we cooperatively steward the industry's data.

From the Board of Directors' perspective, strategic readiness has been a key topic in 2022. Our organization needs to be positioned to not only respond and react to changing requirements but prepare in advance to take on leadership or advisory roles as appropriate to address impactful changes. As such, the board and the regions have aligned on a stratified view of the future in order to prioritize and focus planning efforts.

As we look to the new year, we plan to continue the meet ups that have surfaced business issues and resulted in new Working Groups and will expand them to all our segments. We will continue the outreach to the industry, making in-person and remote presentations that spotlight the ways AgGateway's resources are foundational to traceability, sustainability, and climate/carbon initiatives. We will continue to work with members to engage new organizations, bringing them to the forums where we address those interoperability challenges and where we create solutions together.

As we gather for our 2022 Annual Conference, we're sharing some highlights of the past year. Look for a full annual report in early 2023 that focuses on our overall impact, and how we've moved the industry forward. As we Create, Engage, and Grow together, we thank you for your support and contributions. 2022 is our springboard to the next stage of resources and relationships for digital agriculture. We can't wait to move ahead with you.

**Doug Farrington**  
*Chair, AgGateway Board  
of Directors*

**Brent Kemp**  
*President & CEO, AgGateway*

# 2022 OUTREACH OPPORTUNITIES

AgGateway leadership and member volunteers traveled extensively around the globe in 2022 to share the vision and value of the organization's work and current offerings. Below is a list of this year's destinations:

**Ag on the Mall and Ag Association Visits** Washington DC  
Brent Kemp, Jeremy Wilson, Jim Wilson

**Tech Hub Live** Indianapolis | Jeremy Wilson, Paul Schrimpf

**InfoAg Conference** St. Louis | Jeremy Wilson

**International Conference on Precision Agriculture** Minneapolis  
Paul Schrimpf, Andres Ferreyra, Syngenta

**Farm Progress Show** Boone, IA | Jeremy Wilson

**PACE Executive Forum** Kansas City, MO | Ben Craker

**World Dairy Expo** Madison, WI | Ben Craker

**SSI User Conference** Springfield, IL | Brent Kemp

**ISO Technical Committee 154 Plenary** Geneva, Switzerland  
Jim Wilson

**AEM/AEF Joint Meeting** Milwaukee | Ben Craker

**AEF AgIN workshop** Kaiserslautern, Germany | Ben Craker

**AEF Plugfest** Bologna, Italy | Jim Wilson

## Virtual Events

**Fixing the Soil Health Tech Stack** | Andres Ferreyra, Syngenta

**PACE Executive Series** | Jeremy Wilson

**GS1 Connect** | Brent Kemp

**With the pandemic waning, we were thrilled to coordinate in-person meetups once again in 2022**

**Energy Meet-Up** Indianapolis

**Crop Protection Meet-Up** Winfield United, Minnesota



# CELEBRATING EXCELLENCE

AgGateway salutes its 2022 award recipients for their contributions of time and talent to the organization. Our volunteers drive the work we do, and these four individuals have shown exceptional commitment and dedication to the AgGateway Mission.

## Ron Storms Award

## AgGateway in Action Award

## President's Award



**Joe Gifford**  
Syngenta



**Jim Glynn**  
Winfield United



**Bruno Lucio**  
Topcon



**Jeff Griffeth**  
Co-Alliance

# Working Group Activities at a Glance



**AgGateway Working Groups (WG)** made some exceptional progress in 2022, and created tremendous momentum for what will be a productive year ahead. Below is a visual summary of Working Group status headed into the new year:

## Complete, ready for implementation

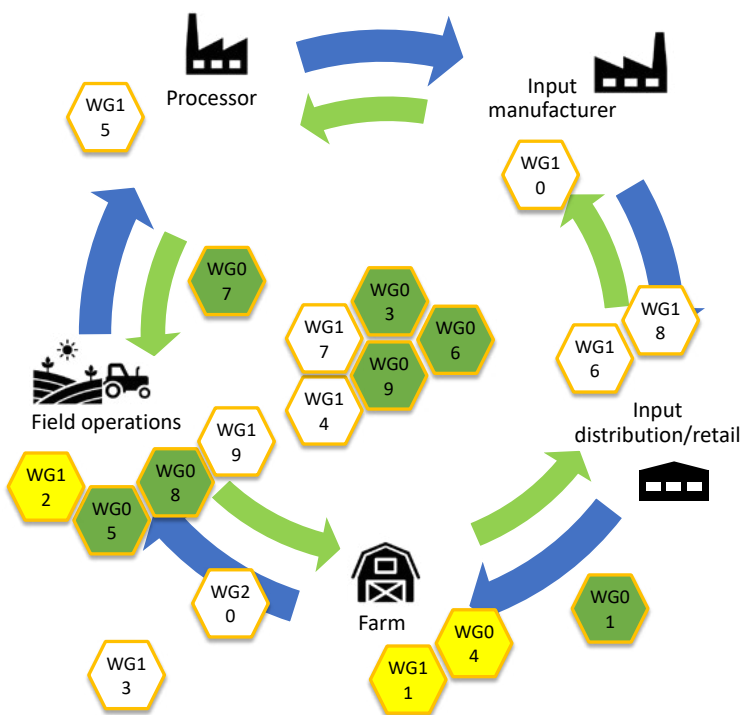
- WG01 In-Field Product ID Seeding Pilot
- Seed list from retailer to farmer/planter controller (ShippedItemInstance)
- WG03 Product Catalog
- Common information on products for ecommerce
- WG05 Mix Ticket
- Work order/record from product mixing
- WG06 Farm Inputs: Reference Data
- WG07 Farm Inputs: Work Order, Work Record
- WG08 In-Field Product ID ADAPT Plugin
- WG09 Linked Data (DatasetMetadata)

## Wrapping Up:

- ▶ WG04 Ag Lab Data
- ▶ WG11 LATAM Soil Data
- ▶ WG12 PAIL

## Active or Starting Up:

- ▶ WG10 Ag Energy Ship Notice
- ▶ WG13 Closed Loop Spray
- ▶ WG14 Potato Provenance
- ▶ WG15 Scale Ticket
- ▶ WG16 Crop Protection Product Guidelines
- ▶ WG17 Field Boundary Terms & Definitions
- ▶ WG18 Crop Nutrition 3rd Party Warehouse Management
- ▶ WG19 ADAPT Serialization
- ▶ WG20 TRU and CTE Modeling



Since Its Launch  
**AgGateway's ADAPT has Delivered  
 256,855 Total Downloads  
 to the Industry**