

International efforts of the seed industry – Seed applied technologies Update

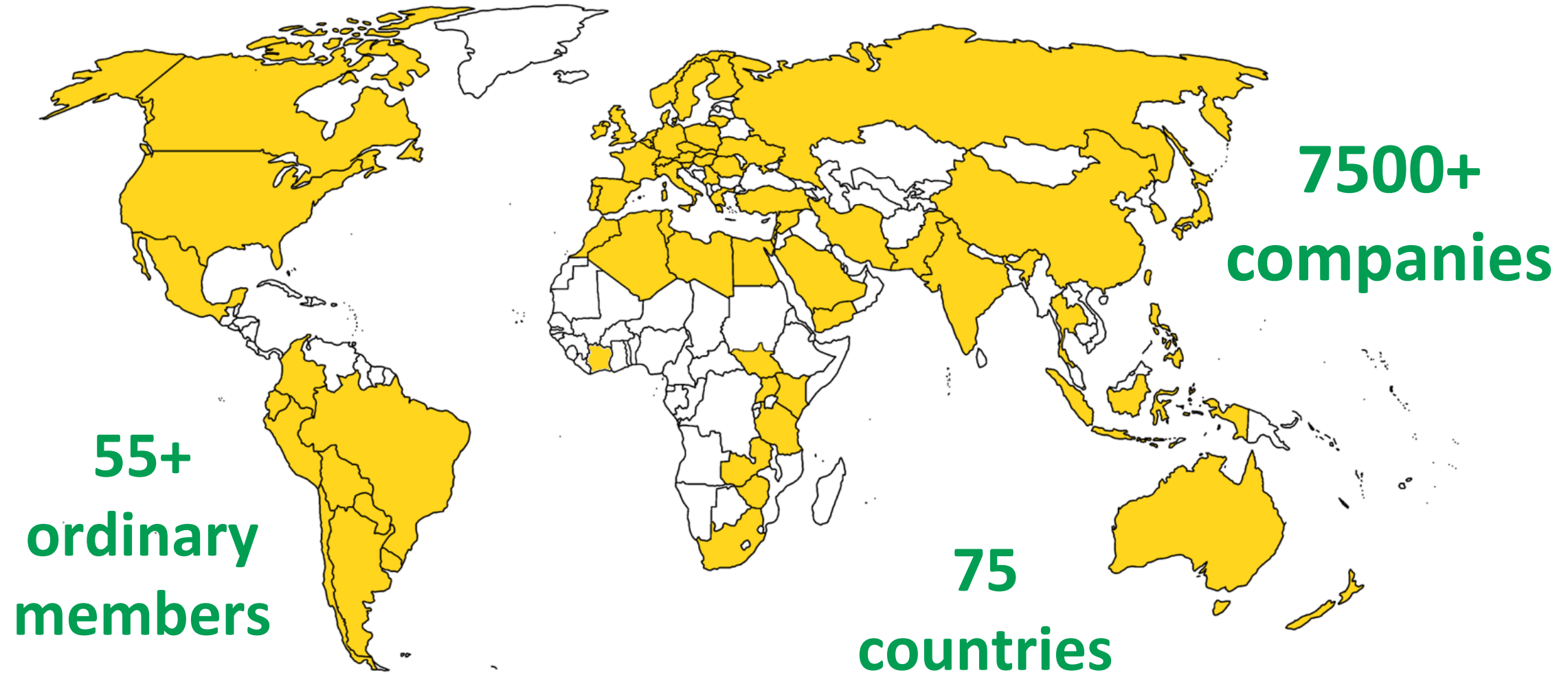
Michael Keller, Secretary General, ISF

Dennis Johnson, Seed Health Manager, ISF
Colombia, Cartagena, 6 Sept 2017

Seed Applied Technologies

- **ISF Objectives 2016-2020:** To promote the harmonization of regulations governing seed applied technologies at global and regional level
- Seed decision is the starting point for farmers – before deciding on applied technologies, crop protection and fertilizers.
- We want farmers to be able to access all available solutions to secure yields – for this, seed applied technologies are critical.
- ISF is engaged in communicating the value of seed applied technologies and keeping these solutions on the markets.

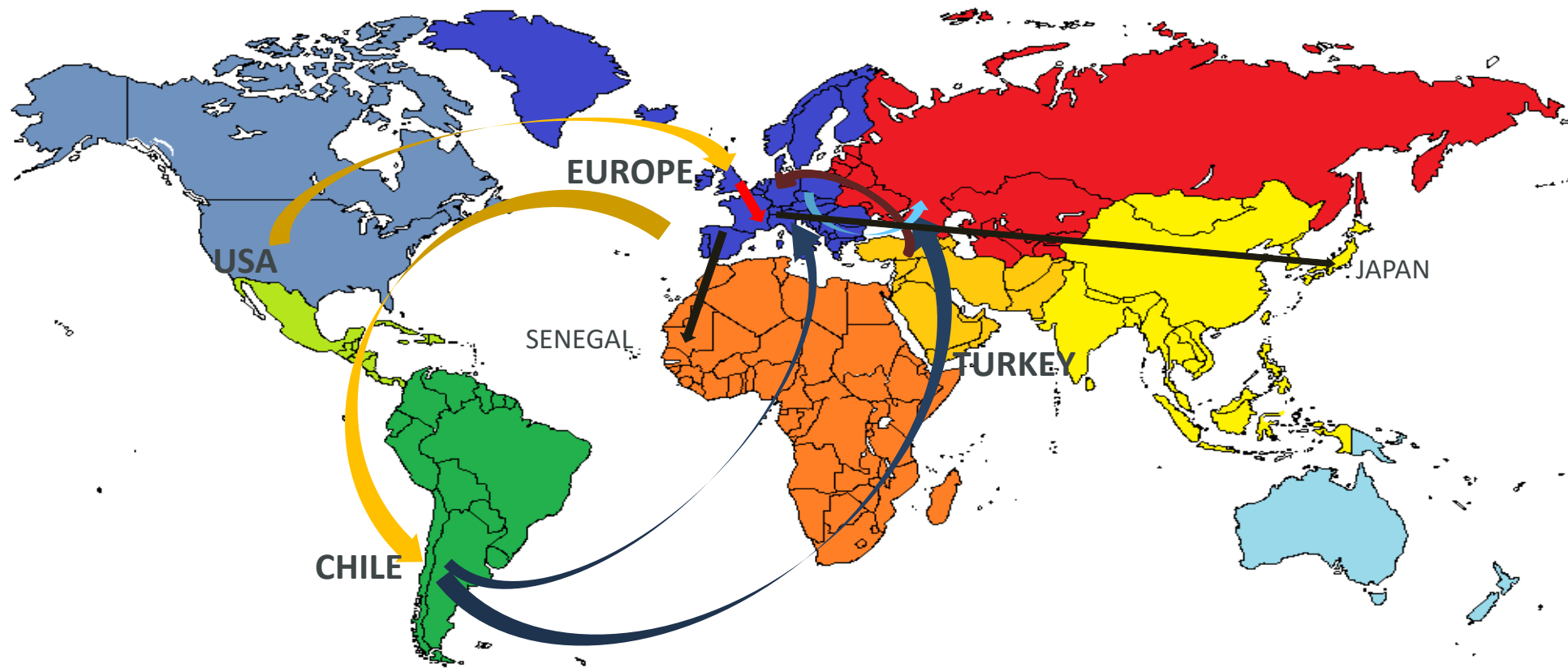
ISF – Membership



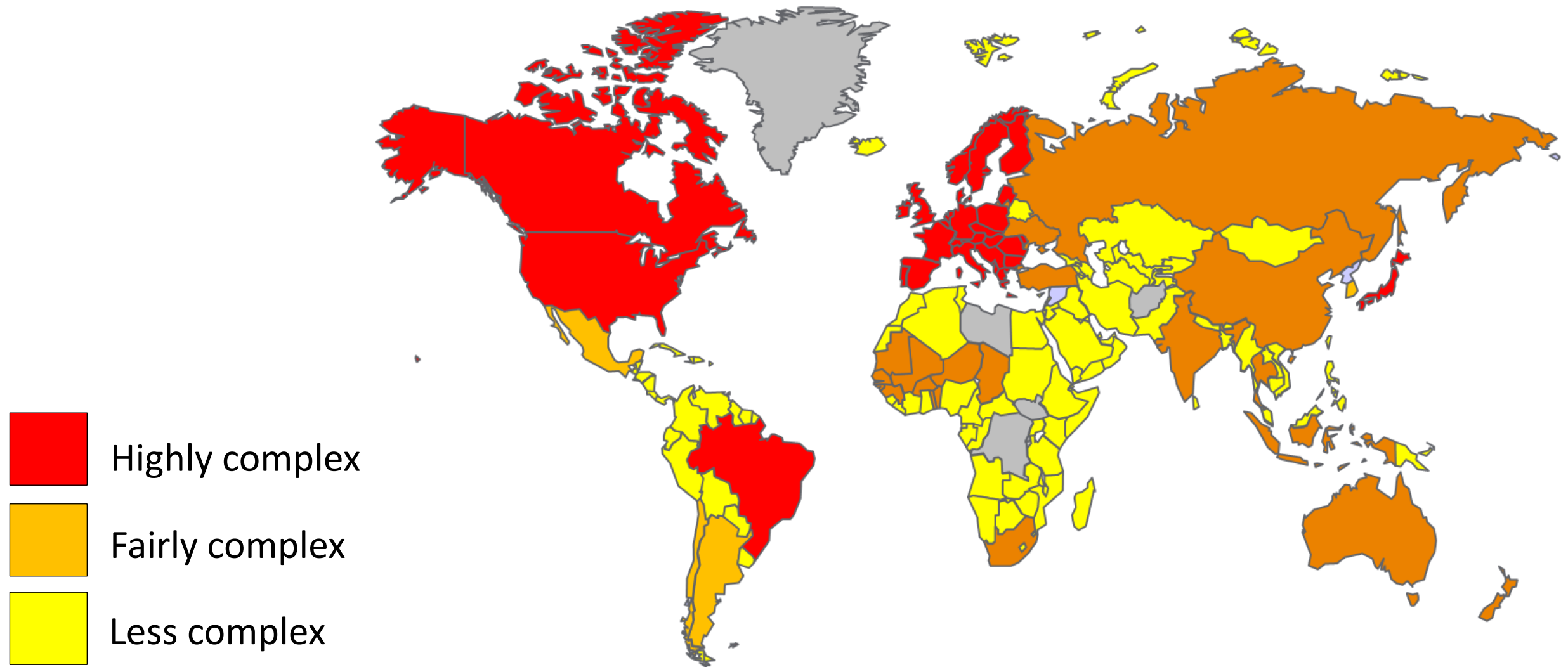
International Seed Trade



Potential pathway of a corn variety (international trade)



Movement of treated seeds regulations: inconsistency, frequent and often unpredictable changes



Seed Applied Technologies Committee

Objective: Promote the technologies that enhance the potential of the seed while supporting a positive and sustainable regulatory and social climate for that use.

Way of Working:

- Gather and share information
- Prepare guidelines
- Coordinate communication
- Contact with stakeholders
- Close cooperation with the National (NSA) and Regional Seed Associations (RSA) to align policies and activities

Seed Applied Technologies Committee

The three primary stakeholders involved are:

- **Seed industries** - breeding, producing, processing and conditioning seed, performing application of technologies and selling seeds
- **Crop protection industries** - identifying, developing, registering and marketing crop protection products for seed application
- **Seed enhancement industries** - developing and marketing application technologies and/or offering seed enhancement services like cleaning, disinfecting, priming, film coating, encrusting, pelleting and applying plant growth agents

A Joint Effort is Needed

Increasing complexity of regulatory requirements and guidelines drives need to coordinate the common interest of all three stakeholders to:

- maintain the freedom to operate
- maintain the movement of treated seed
- create environmentally responsible solutions

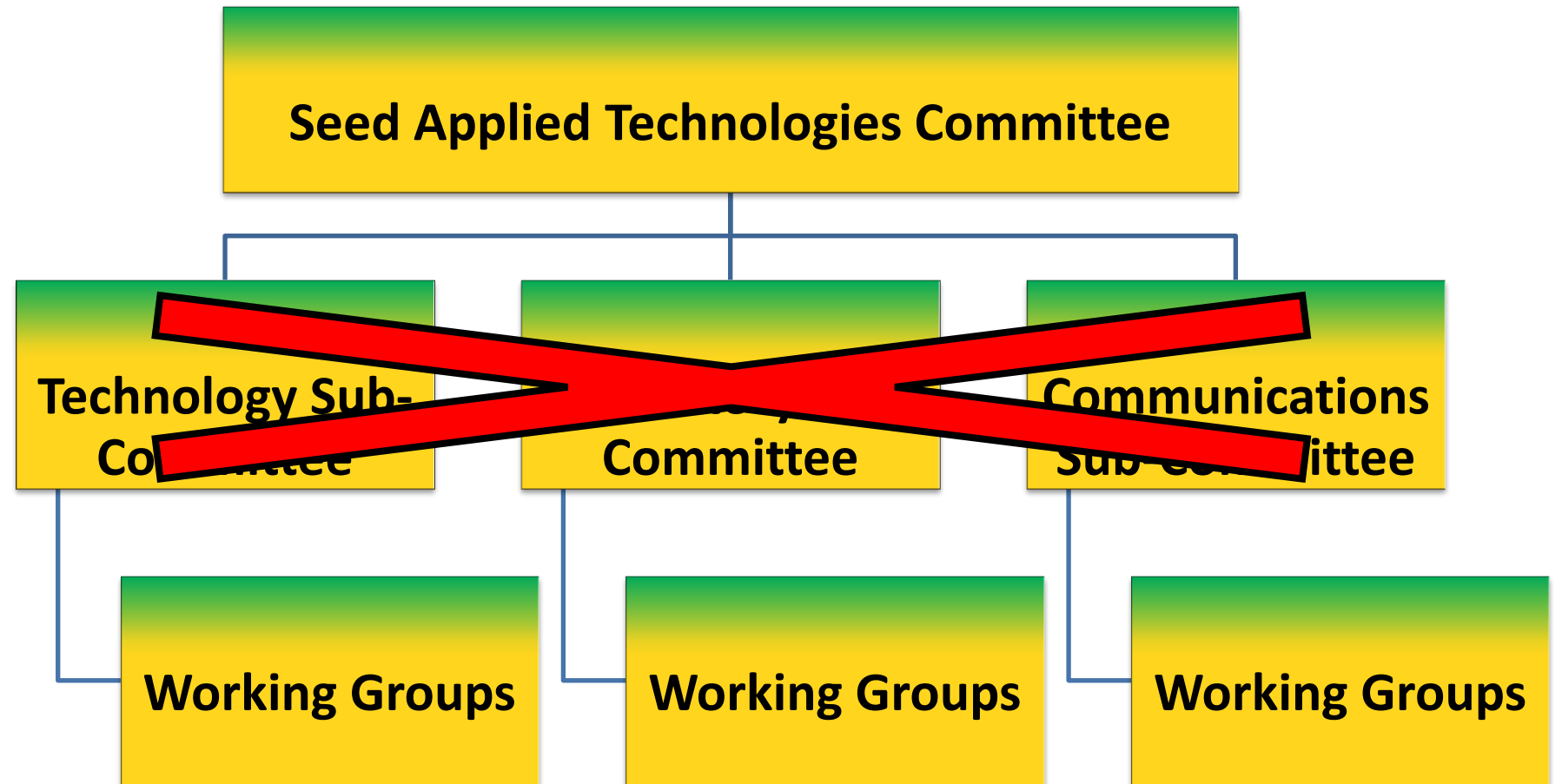
SAT-Com Membership

- 15 Seats
 - 6 Seeds
 - 5 Crop Protection
 - 4 Technology

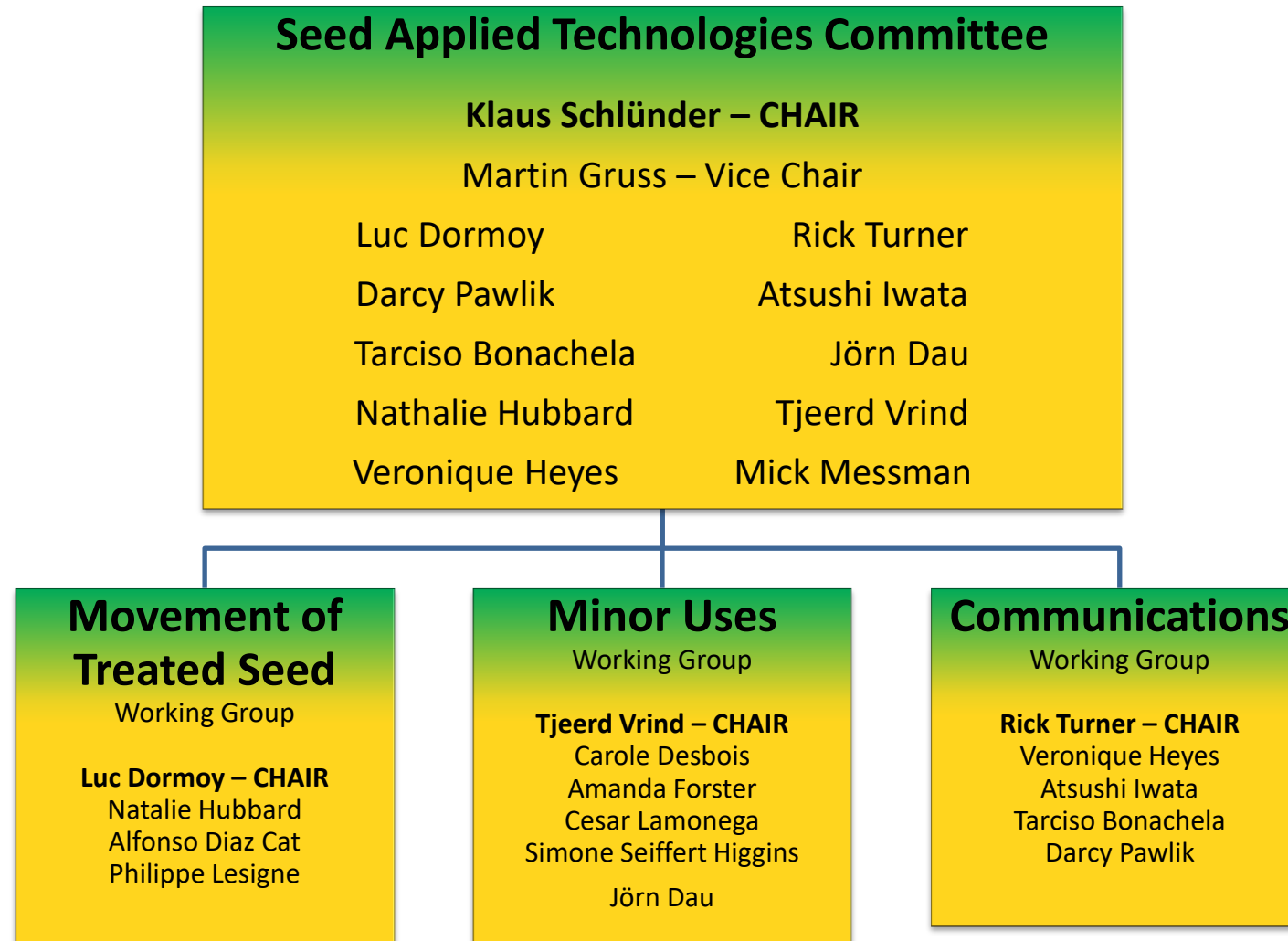
Klaus Schlunder - Chair	DE	Seeds
Rick Turner	US	Seeds
Luc Dormoy	FR	Seeds
Tjeerd Vrind	NL	Seeds
Nathalie Hubbard	US	Seeds
Darcy Pawlik	US	Seeds
OPEN SEAT		Seeds
Martin Gruss – Vice Chair	DE	Crop Protection
Atsushi Iwata	US	Crop Protection
Mick Messman	US	Crop Protection
Tarciso Bonachela	BR	Crop Protection
OPEN SEAT		Crop Protection
Jörn Dau	DE	Tech
Veronique Heyes	UK	Tech
OPEN SEAT		Tech
OPEN SEAT		Tech

SAT-Com Re-Organization

- Simplification
- Increased participation and focus on Working Group activities



SAT-Com Organization



Communication as a main focus

- Communications as main component of the Committee
 - All SAT-Com Members provide articles
 - All WGs contribute information to communicate



SAT-Com News

Purpose - To promote the technologies that enhance the potential of the seed while supporting a positive and sustainable regulatory and social climate for that use.

Frequency - 3 times per year

Structure/content - 4 articles per issue along with a Welcome Message

- Welcome Message
- General SAT-Com topic
- Outreach topic
- Seed Treatment topic
- Best Practice topic

SAT-Com News

- General SAT-Com topic
 - Overview on SAT-Com
 - Member introductions
- Outreach topic
 - Stakeholder information (ASTA, ESA, CSTA)
 - European Seed Treatment Assurance (ESTA)
- Seed Treatment topic
 - Benefits of seed treatment
 - Honey bee populations
- Best Practice topic
 - Best practice guidelines – Labeling treated seed, operator safety, etc.
 - QA on treated seeds in Brazil - Group of Studies in Seed Treatment (GETS)

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isf@worldseed.org

FEBRUARY 2017

SAT-Com News

In this pilot edition:

- Welcome!
- Who are the SAT-Com and what do we do?
- Seed Treatment: The Benefits
- Best Practice: Seed Applied Products - ESTA
- Outreach Project: Stakeholder Communication

Welcome!

Welcome to the pilot edition of the ISF SAT-Com News! The aim of this publication is to keep you informed about the activities of our Seed Applied Technologies Committee, and to provide you with up-to-date and relevant information on the regulatory trends, best practices and guidelines.

SAT-Com News was developed in response to our members' requests, and we would like to make sure that we continue to deliver the content that you desire. With that in mind, and during this trial period, we would greatly appreciate your feedback on our first issue.

Please send your comments to me. I look forward to hearing from you!

[Dennis Johnson](#)

ISF Seed Health Manager

Who is SAT-Com and what do we do?

The role of the ISF Seed Applied Technologies Committee (SAT-Com) is to promote the technologies that are applied to seed to enhance its performance – pelleting as well as coating,

Minor Uses WG

- Mission and Scope
 - Improve growers' ability to manage pests and diseases by increasing the availability of plant protection products (including biologicals) for minor crops, for both seed application (all species) and crop application (limited to seed production and plant breeding purposes).

Minor Uses WG

- Goals
 - Raise awareness on the issue of minor uses and impact of non availability of products
Coordinate inventory of major gaps and bottlenecks (combinations of crops-compounds-countries)
 - Coordinate and share best practice systems to deal with minor uses
(a.o. development of databases, systems like IR4)
 - Coordinate and share information between ISF membership, regional and national associations and other relevant stakeholder groups
 - Support regional and national associations in advocating for proper minor uses systems that keep seed applied technologies also available for minor crops and minor applications

Minor Uses WG

Completed:

Inventory of major gaps and bottlenecks in main regions

- Done (will need however regular updates)

Inventory of best practice systems

- Done (EU minor uses coordination facility, IR4, AAFC, ...)

To do:

- Impact study
- ISF reference document to support regional and national associations in their outreach activities

Movement of Treated Seed WG

In Process:

- Develop a summary of the different situations where there is an issue with the movement of treated seeds (Target OCT 2017)

To do:

- Develop proposals to address the situations impacting free movement of treated seed



Joint Initiative with CLI

ISF/CLI Joint Guidelines on Seed Treatment and the Handling of Treated Seeds

In Process:

- Reviewing latest draft for alignment with existing ISF guidelines (Target OCT 2017)



Seed is Life