WORLD STANDARDS IN FLORICULTURE

GS1 Forum Brussels 2016
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CIO Floricode
Floricode

registration | encoding | standardisation | distribution |
COOPERATION IN THE SUPPLY CHAIN

Participants

Partners

GS1

CLIENT EXPORT

Rijksoverheid

Plantform
The international Supply Chain for flowers and plants
Worldmap flowers and plants
How does this supply chain works?

- One picture (video) says more than 1000 words!

https://www.youtube.com/watch?v=Slf_XNroXS8
Why registration of flowers and plants?

- 1980: The Netherlands:

Auction Aalsmeer: Gladiolus ‘Anita’
Auction Rijnsburg: Gladiolus ‘Anita’
Auction Naaldwijk: Gladiolus ‘Anita’

This leads to miscommunication in the (international) trade.
One unique name for a product

- In accordance with the International Regulation for cultivated plants
- In accordance with the seed- and young plant legislation
- International registers for cultivars e.g. Int. Plant variety register
- International Cultivar Registration Authorities
Registration of flowers and plants

- You get what you (electronically) ask for!

- Gladiolus ‘Charm’
- Gladiolus ‘Charming Beauty’
- Gladiolus ‘Robinetta’
Article coding

- From ‘registration’ of a new product to the ‘encoding’ of the article
- The ‘Floricode registration’ leads to a ‘Floricode product code’
- A Floricode article can be marketed through the auctions
- Example:
  - 905;Gladiolus kleinbloemig ramosus 'Robinetta';GLAD KL R ROBINETTA;1;106866;0;10300702;19850101;;201105270754
  - 906;Gladiolus kleinbloemig tubergenii 'Charm';GLAD KL T CHARM;1;100563;0;10300702;19850101;;201105270752
  - 907;Gladiolus kleinbloemig tubergenii 'Charming Beauty';GLAD KL T CHARMING B;1;104061;0;10300702;19850101;;201105270756;
LINNAEUS Datamodel
Floricode is the central point for code distribution
Our own code lists and code lists from others
Updates with a daily- or weekly frequency
What:
  • Product code set
  • Company- and location code set
  • Certifications (sustainability)
  • Export certification
  • Packing codes
  • Process codes
How:
  • Search on our website
  • Downloadable on the website
  • Downloadable with FTP
  • (webservice)
Standard messages

Three domains of the standard messages:

1. Commercial processes:
   offer, order, order response, (crop data)

2. Logistic processes:
   logistic order, delivery, status of transport

3. Financial and administrative processes:
   invoice, statistics
   consignment, inspection and certificate

• From EDIFACT to XML (UN/CEFACT based)
Floricode architecture

- **Industry**
  - Linnaeus Data model
  - CLF Process Model
  - Identification keys
  - Reference conventions
- **Commercial scenarios**
- **Logistic scenarios**
- **Financial scenarios**

**Community Standards**
*(Business rules, implementation guidelines and instructions)*

- Code lists Definitions
- Message Definitions
- Floricode Library
- UN/CEFACT Core component Library

**Transport**

- Code lists Distribution conventions
- Conversation protocols
- Transport protocols
Floricode and GS1

• Define the use of GS1 code standards in our supply chain:
  – GTIN codes
  – GLN codes
    • Company codes
    • Location codes
  – GPC codes
  – SSCC codes

• Through this the connection to the retail world can be made
GS1-label
Manual for despatch units and packages in the Floriculture sector Date: 29 January 2015, version 1.1
New LINNAEUS datamodel
Product name: Chrysanthemum (Indicum Grp) Belgian Mums Aduro Violet
Cultivar name: ‘Aduro Violet’
Product code: 119162
Group code: 20200403; Chrysanthemum Ind Grp Gr.
GPC code: 93033300; Chrysanthemum - Live Plants
GTIN code: 8717191021241

For more information: www.floricode.com
Contact Floricode or GS1-NL
QUESTIONS?