



# SmartLabel

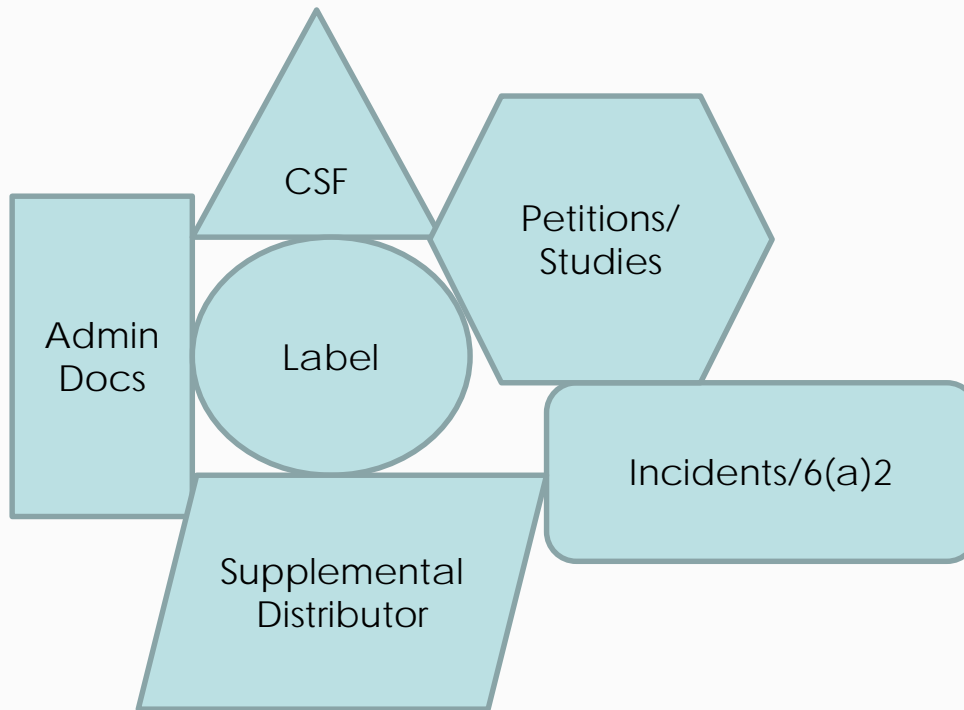
EPA Structured Pesticide Label Data  
Project

Patricia Parrott

# What is SmartLabel?

- Master pesticide label as structured data
- Part of OPP Vision for instantaneous access to quality information
- Beginning of a comprehensive IT plan
  - Paperless workplace

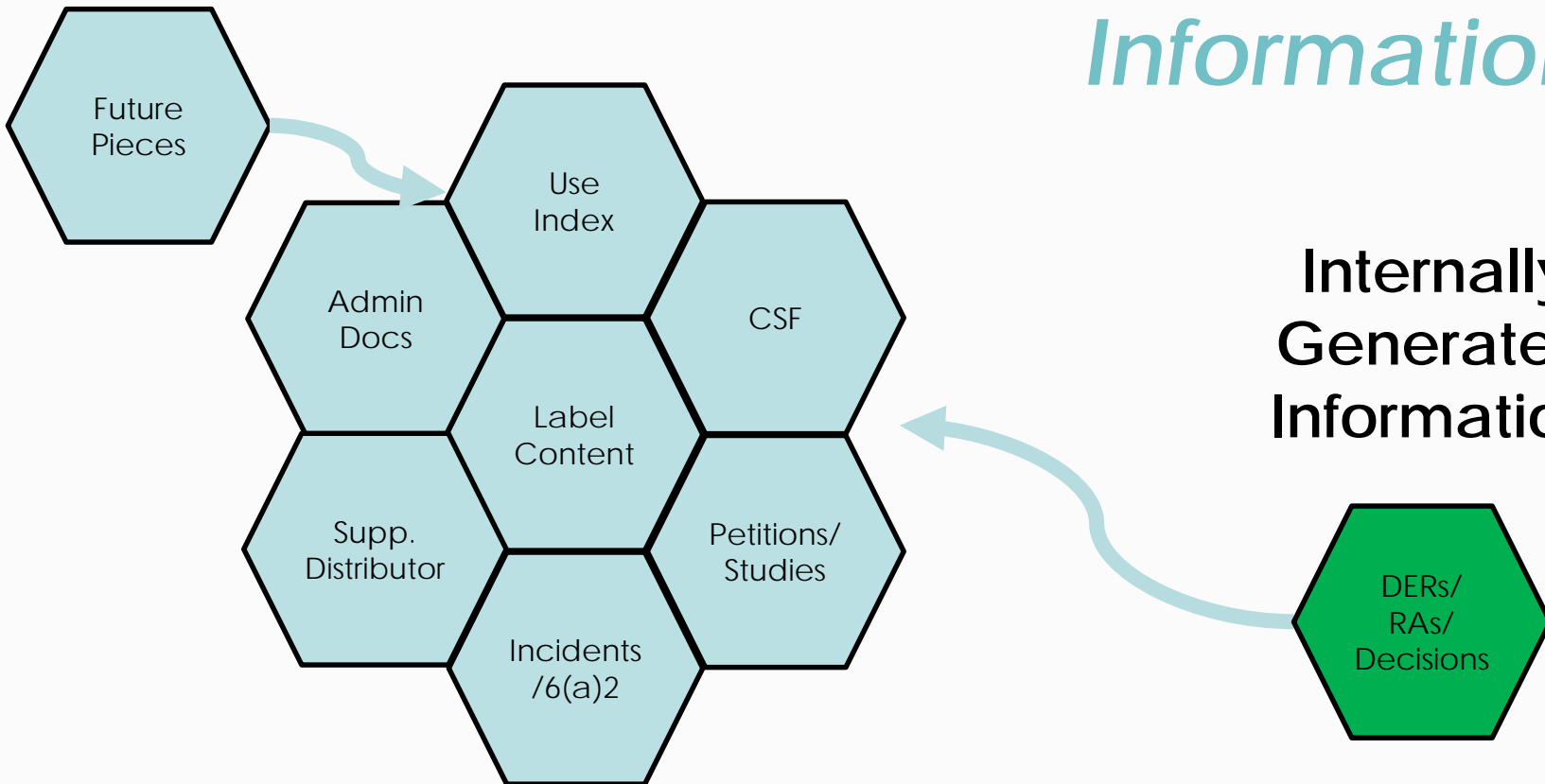
# Current State *Aggregation of Information*



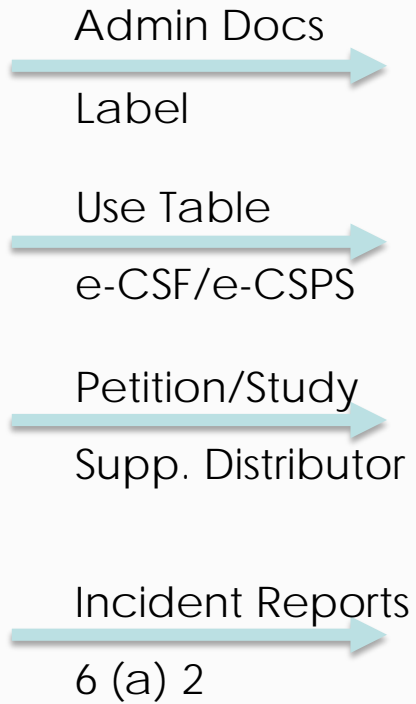
## Registrant Generated Information

## Vision: *Aggregation of Information*

## Internally Generated Information

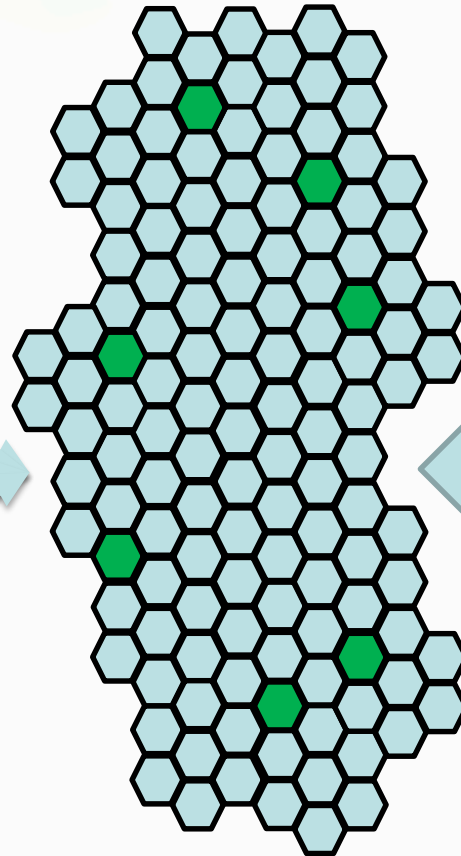


## Information Streams



Submission Entry Point

Internal Validation



# Pilot Participants

- Bayer CropScience
- Clorox
- Dow AgroSciences
- EcoLab
- Marrone Bio
- Reckitt Benckiser
- SePRO
- Syngenta
- United Industries Corporation

# Pilot Feedback

<b>Phase 1</b>	<ul style="list-style-type: none"><li>• Overly complicated model</li><li>• Benefit unclear to registrants</li></ul>
<b>Phase 2</b>	<ul style="list-style-type: none"><li>• Simplified the data model<ul style="list-style-type: none"><li>• separated label and use index</li></ul></li><li>• Updated User Guide Document</li></ul>
<b>Phase 3</b>	<ul style="list-style-type: none"><li>• Production ready builder</li><li>• Improved guidance</li></ul>

# Terminology Management

- Data standardization through controlled terminology
- **Build**
  - Defined and developed by OPP staff
    - (e.g. majority of lists)
- **Borrow**
  - Sourced from external stakeholders
    - (e.g. weed list)
- **Merge**
  - Lists merged and coded between FDA and EPA
    - (e.g. Ingredients list)



# Terminology Management - Synaptica



# Terminology Management - Synaptica

The screenshot displays a web browser window titled "Item Summary 'Center pivot sprinkler irrigation' - Mozilla Firefox". The address bar shows the URL: [https://ets.epa.gov/thes/details\\_fs.asp?vunid=3607504](https://ets.epa.gov/thes/details_fs.asp?vunid=3607504). The main content area is titled "Item Summary" and contains the following information:

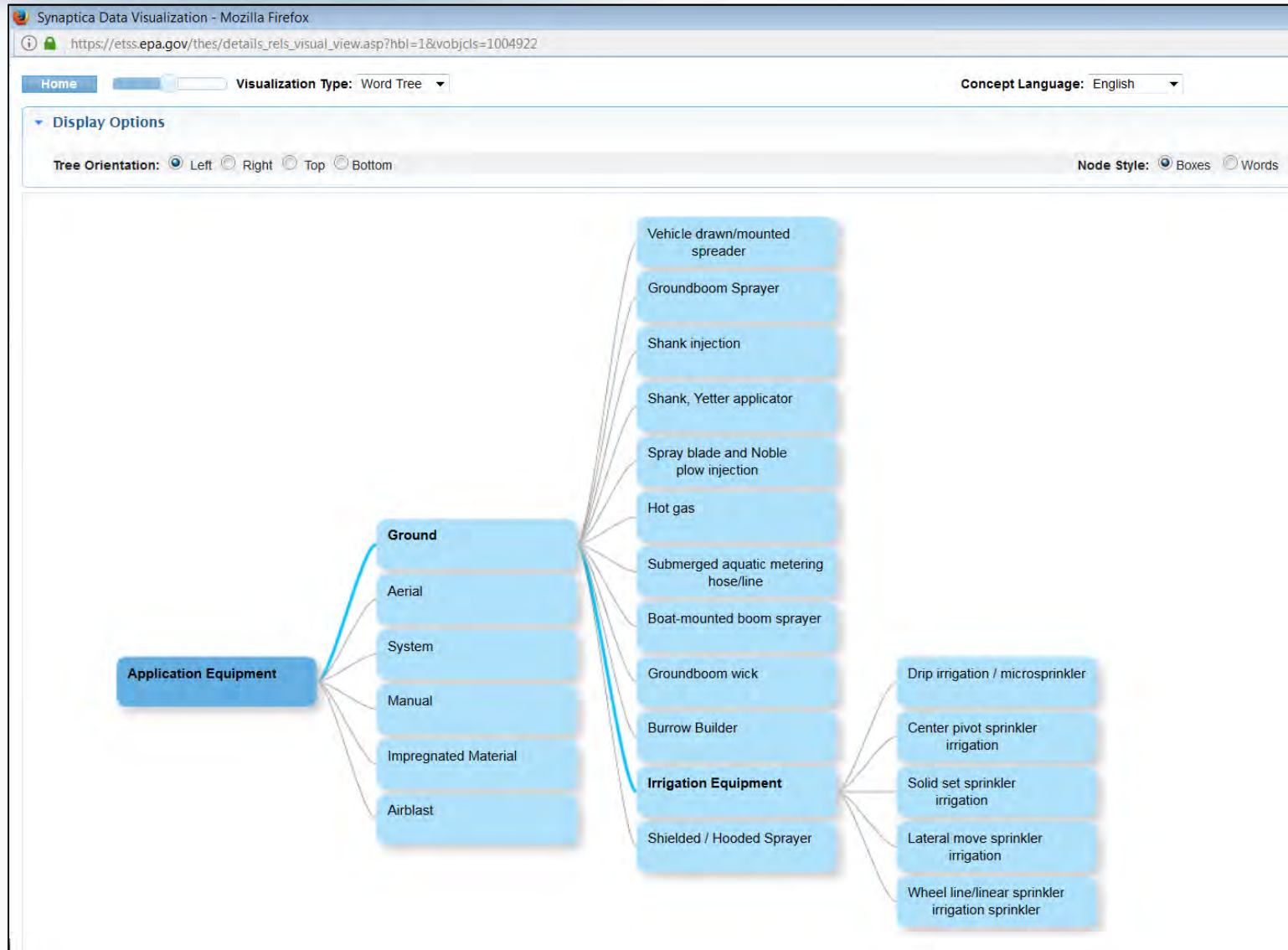
<b>Descriptor</b>	Center pivot sprinkler irrigation
<b>Object</b>	Application Equipment
<b>Categories</b>	
<b>Status</b>	Active; Candidate; Preferred; Unlocked
<b>UID</b>	3607504
<b>Created</b>	nikkia_anderson 8/21/2015 9:43:39 AM
<b>Modified</b>	cpaisley 7/21/2016 5:01:30 PM

Below the summary table are several action buttons: Save, Add New, Subsume, Refresh, Categories, History, Deactivate, Delete, Restore, and Copy.

The "Sub-Elements" section contains the following details:

<b>Descriptor:</b>	Center pivot sprinkler irrigation
<b>Definition:</b>	Center pivot sprinkler irrigation - A form of overhead sprinkler irrigation consisting of several segments of pipe joined together and having sprinklers positioned along its length. The equipment is mounted on wheeled towers and moves in a circular pattern, generally over a period of 24 to 48 hours. Different types of center pivot applications include high release height center pivot applications, medium release height center pivot applications, low release height center pivot applications, and solid stream center pivot applications.

# Terminology Management - Synaptica



## Pesticide Submission Portal

Welcome to the EPA's Pesticide Submission Portal!  
 Currently, this portal supports two types of submissions: Pesticide Submission and Data Call-in Response. To begin a submission, please select a type below.

Please do not perform any submissions at midnight (around 12:00 AM Eastern). The system will be undergoing maintenance at this time.

### Registration Submission



#### Continue Saved Packages

To continue working on saved PSP packages.



#### Create New Package

To create a new PSP package.



#### Package Status

To check the status of previously submitted packages and applications.



#### Upload eDossier Builder Packages

To upload packages created by downloadable eDossier Builder.



#### Upload XML e-Submission Packages

To upload individual applications created using your company's IT

### Re-evaluation



#### Consortium Submission

Form consortia and submit data.  
 View previous submissions.



#### Data Call-In

View status of Data Call-Ins.  
 Submit responses to the DCIs.



#### Registration Review Label

Submit Registration Review Labels.  
 View previous submissions.



#### Voluntary Submission

Submit Voluntary Data (Non-DCI).  
 View previous submissions.

### General Services



#### eCSF

Submit Confidential Statement of Formula.



#### Generate Root MRIDs

To generate root MRIDs for study documents.



#### SmartLabel

Submit Pesticide Product Master Labels.



### SmartLabel Product Labeling (SPL) Home

#### Upload Previously Created SmartLabel XML



Browse...

Upload File...

Next

Click 'Browse' to upload a previously created SmartLabel XML.

#### Begin New SmartLabel XML



Begin New SmartLabel XML

Click the 'Begin New SmartLabel XML' button to create a new SmartLabel Use Index and/or Label Document.



Pesticide Pro

Document Information

+ Product Label

+ Use Index

### Document Information

Please enter Package Information in the fields below.

Document Name:

*This field is optional and its value is not submitted. Saving locally will capture this value instead of the default 'Document ID' filename.*

Company Name: \*

Registration Number:    
EPA Company Number      Product Number \*

Document Type	Document Version	Document Id	Set Id	Actions
Product Label	1	28e34d4b-7f0d-4a7e-bae...	e643e6a3-6ccd-49fd-9d9...	
Use Index	1	0b8c3542-c831-46e2-b93...	07079731-da49-4b93-b6...	

Product Label

Use Index

+ Add Document(s)

Mark for Review

Next

This provides basic information for the identity of the particular document, its type, title, date and versioning as a member of a document set.



Pesticide Pro

- Document Information
- Product Label
  - Restricted Use Pesticide
  - Ingredient Statement**
  - Child Hazard Warning/Signal Word
  - Product Profile
  - Precautionary Statements
  - Directions for Use
  - Warranty/Disclaimer Statement
  - Marketing/Advertising Claims
  - Additional Documentation and Labeling
- Use Index
  - Product Level
    - Product Identification
    - Product Level Use
    - Restrictions/Limitations
  - Site Level

This page is used to describe the ingredients contained in the product. Information presented here should include a listing of active/other ingredients, their respective nominal concentrations, and concentrations of equivalence of the active/other ingredients. Statements require description of ingredients, such as toxics, and deterioration of a product during storage where it is found that a pesticide formulation changes chemical composition

## Ingredient Statement

Please enter Active Ingredients below

Active Ingredient(s) \*

Systematic Name	% Active Ingredient	Factoring Term Ingredient	% Factoring Term	Actions
Oils, citronella	26.1			

+ Add Active Ingredient

Add Ingredient Statement Section Text

### Ingredient Statement Section Text

File Edit Insert Format Table

**B** *I* U

**ACTIVE INGREDIENT:**  
 Citronella Oil\*.....26.1%  
 OTHER INGREDIENTS: ..... 73.9%  
 TOTAL: .....100.0%  
 \*This product contains 2 pounds Citronella Oil per gallon.

# Next Steps

- Implementation – Internal
  - Develop electronic workflow tools
- Implementation – External
  - Encourage voluntary adoption
  - Provide assistance
- Leverage SmartLabel development to further OPP IT modernization initiatives
- Find a new name



# SmartLabel Project Impact

- Improved label quality/consistency
- Enhanced ability to cooperate with state, federal, and international partners
- Will save time

# Questions

