

**NOAA**  
**FISHERIES**

**Greater Atlantic Regional  
Fisheries Office**

**Northeast Fisheries  
Science Center**

# Northeast Fishery Dependent Data Visioning Project

Douglas W. Christel  
Holly McBride

June 30, 2014



Source: [www.visualphotos.com](http://www.visualphotos.com)

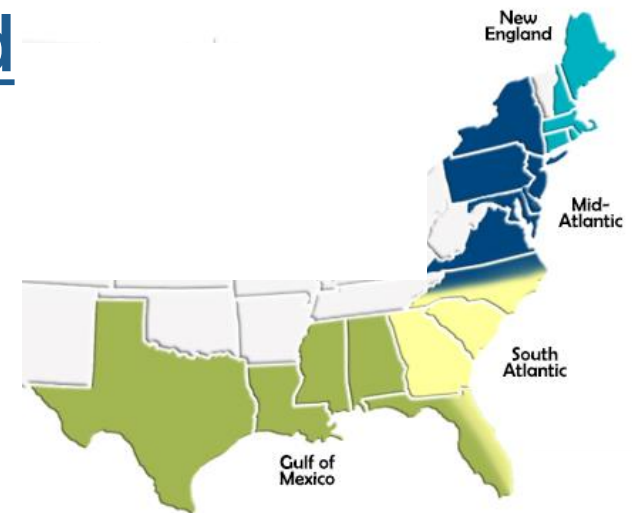
# Scope

## Comprehensive data needs & requirement analysis

- All stakeholders affected by NEFSC/GARFO data
- All sources of fishery dependent data

## All options are being considered

- Software revisions
- Changes to regulations
- Process refinements
- Staffing/resource adjustments



# Participants

## Project coordinators

- NEFSC – Holly McBride
- GARFO – Doug Christel
- GMRI – Jonathon Peros



## Internal constituents

- GARFO staff
- NEFSC staff
- SERO/SEFSC staff



## External constituents

- **Fishing industry/dealers**
- Councils/Commissions
- States
- NGOs/Academic institutions



# Approach

1. Identify current data needs/uses
2. Evaluate existing data collections
  - Redundant, unused, missing elements
  - Collection mechanisms
  - Timeliness
  - Accuracy
3. Consider the existing system strengths and weaknesses
4. List desired characteristics
5. Anticipate future needs



Source: [www1.putnam-fl.com](http://www1.putnam-fl.com)

# Work Completed

## Internal interviews:

- 82 individuals
- 17 offices and branches

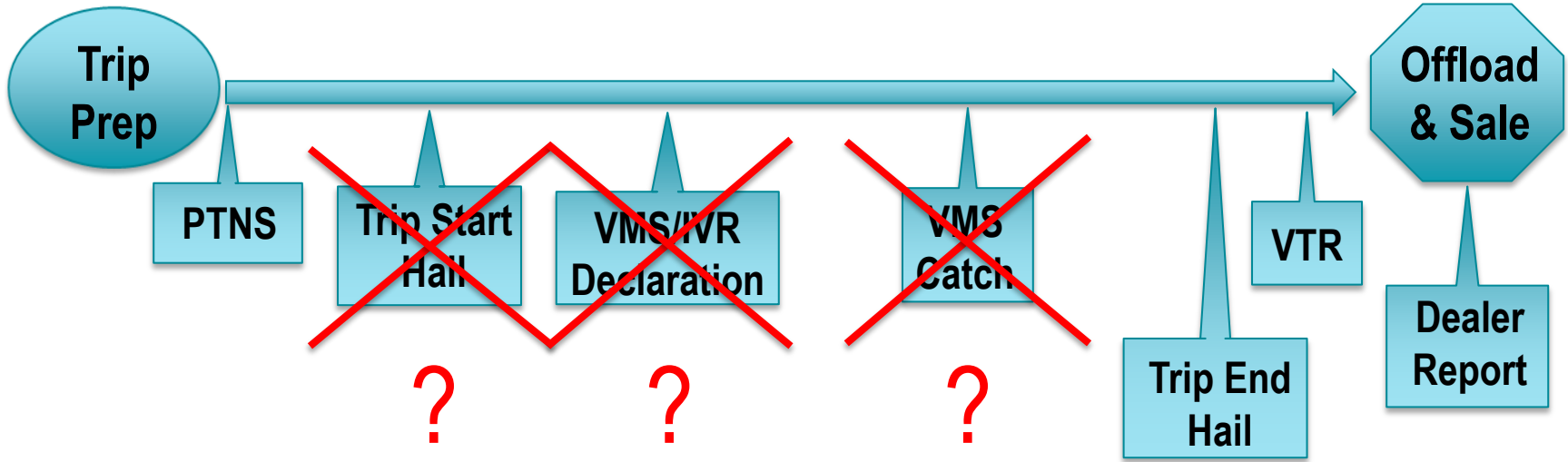
## External interviews:

- 41 individuals
- 13 states
- 2 Councils
- 2 Commissions
- 3 NGOs



**Contract with GMRI for industry and dealers**

# Next Steps: Optimize Data Collections



Source: AIS, Inc.

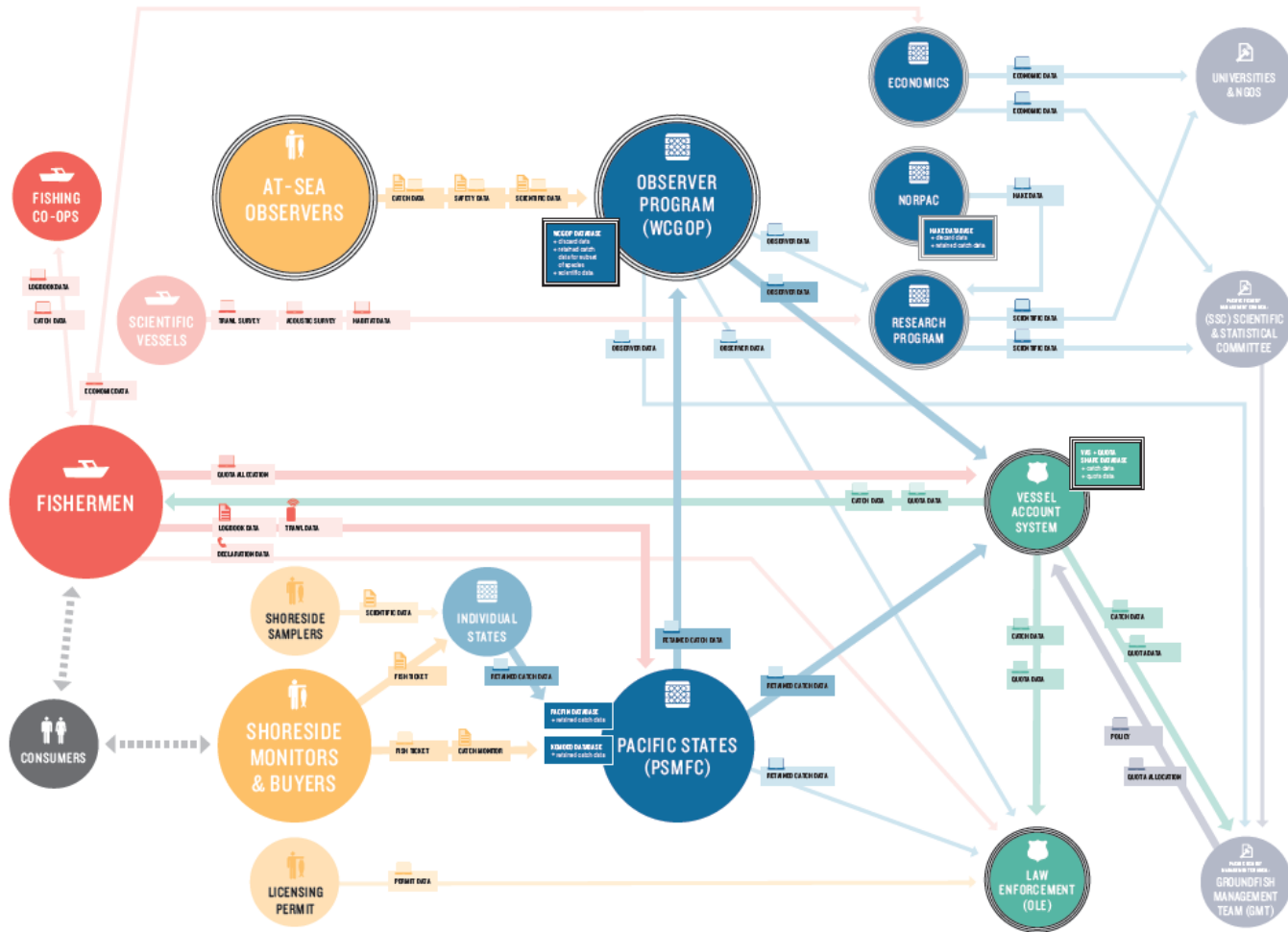


Source: oceanexplorer.noaa.gov



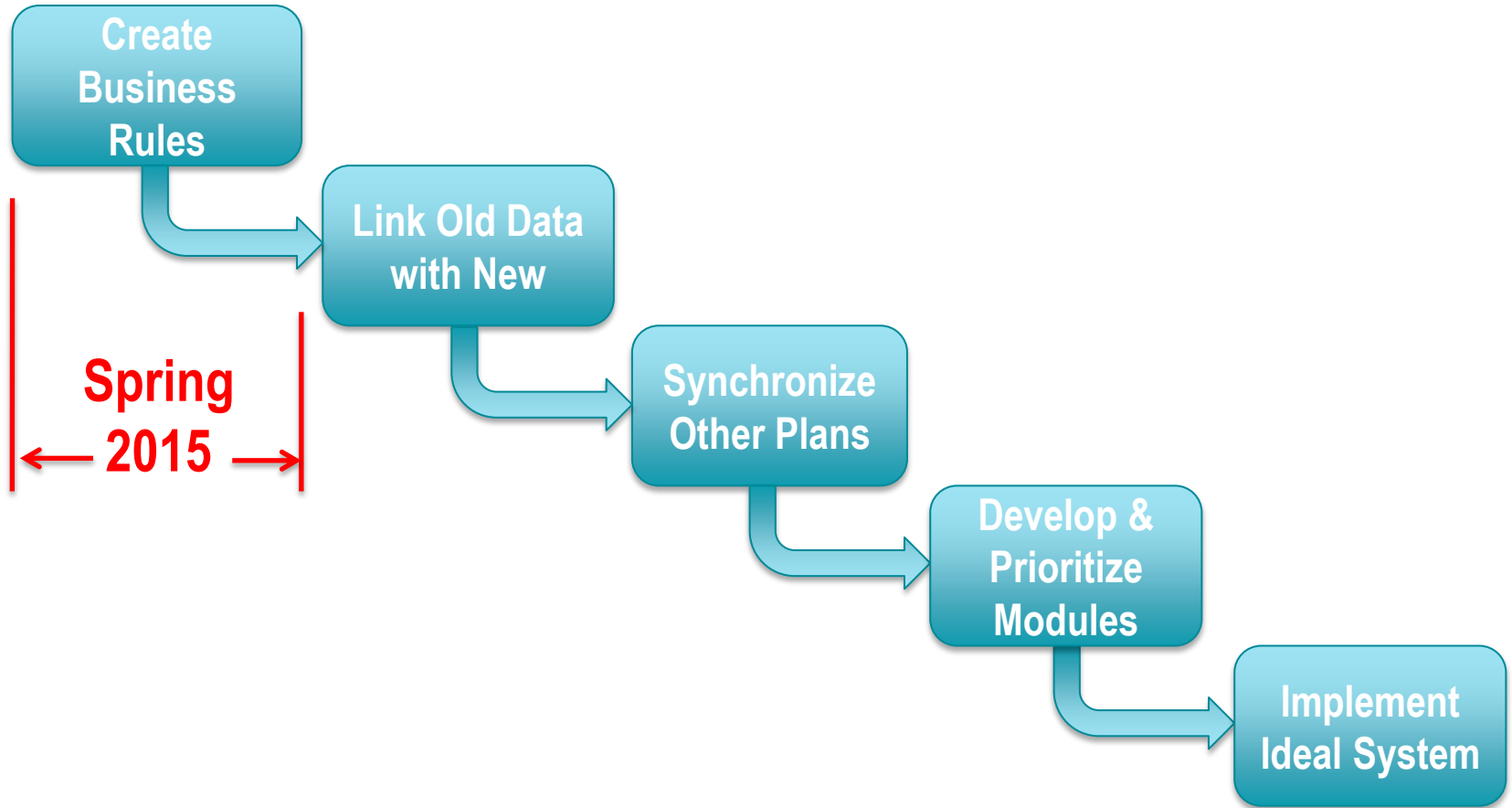
Source: capeannimages.blogspot.com

# Next Steps: Map an Integrated Data System



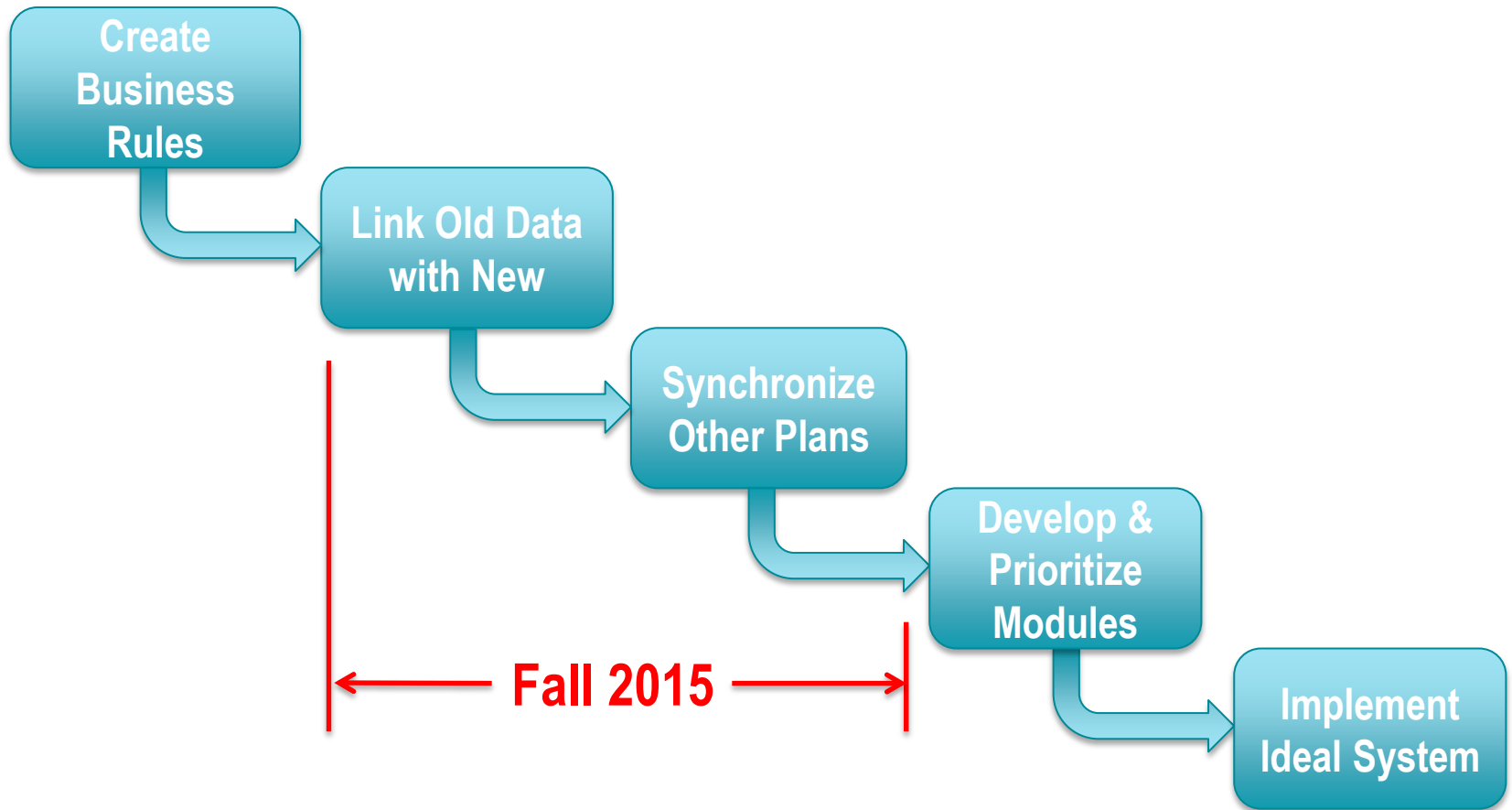
Source: Groundfish Data Management Innovation Project

# Next Steps: Develop Implementation Plan

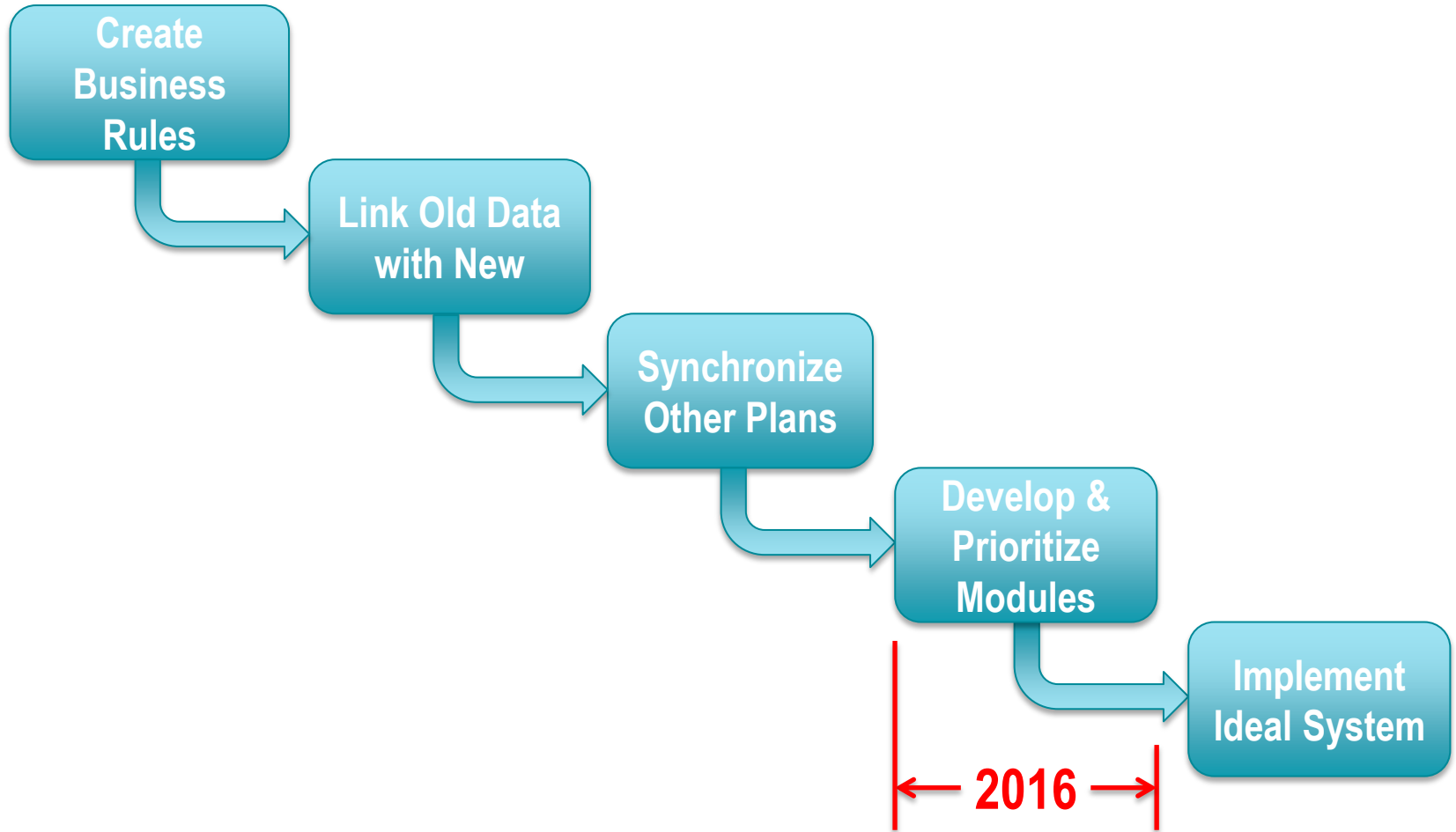




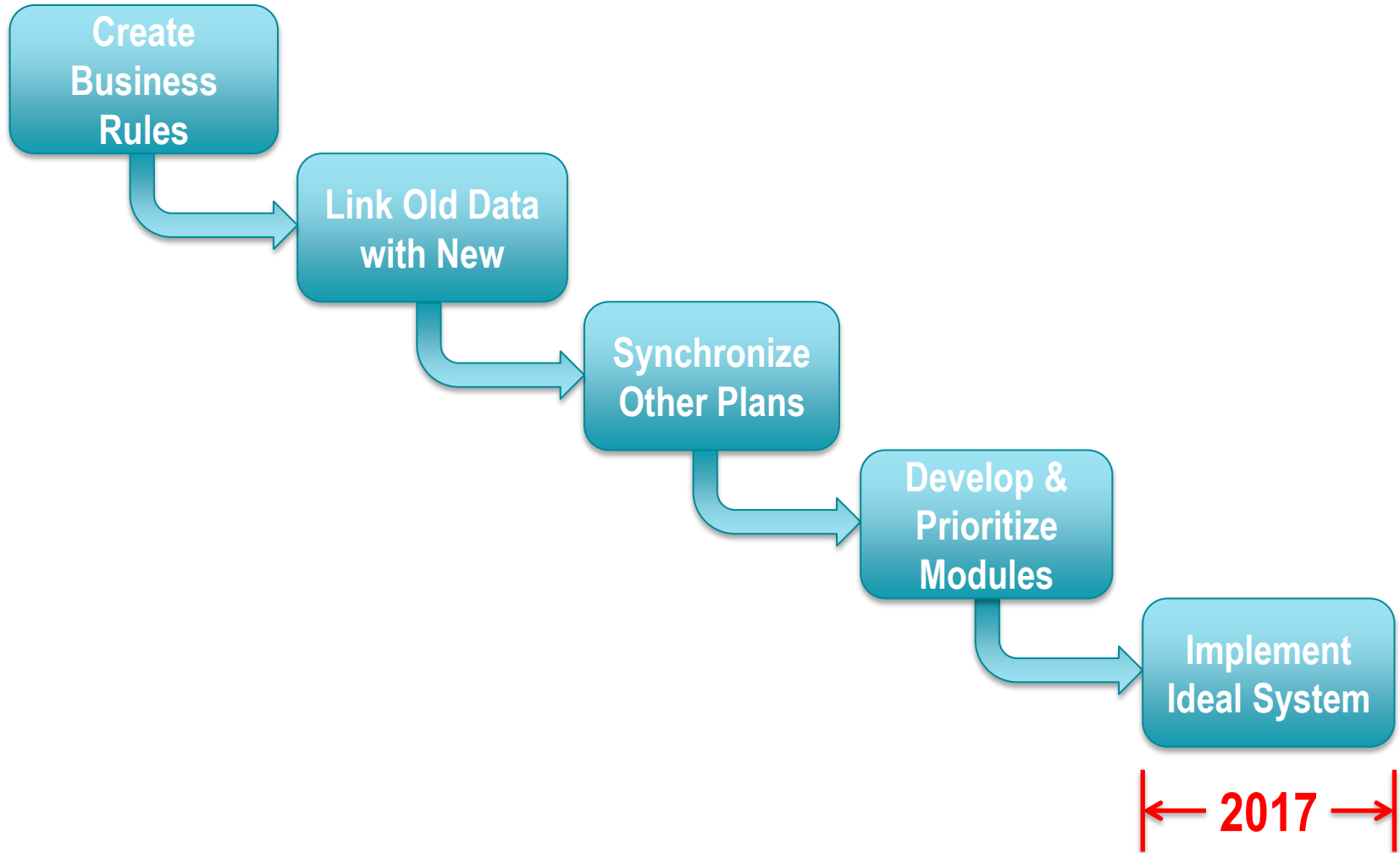
# Next Steps: Develop Implementation Plan



# Next Steps: Develop Implementation Plan



# Next Steps: Develop Implementation Plan



# Expected Benefits

- 1. More accurate and timely data**
- 2. Reduced reporting burden for industry**
- 3. More efficient utilization of staff resources**
- 4. Increased communication/coordination**
- 5. Consistent data products for analysis/reports**
- 6. Quicker and easier access to data by all users**