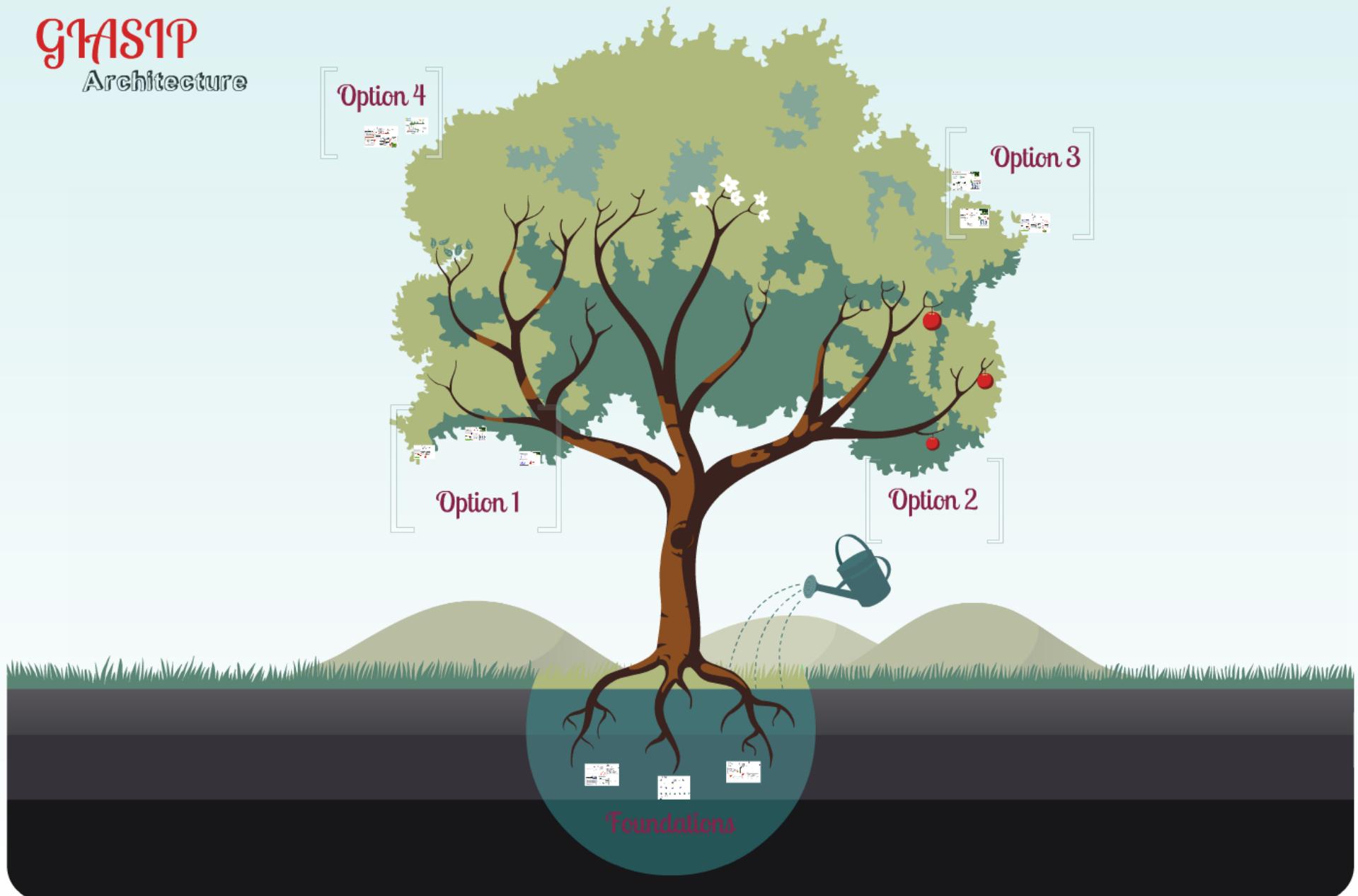


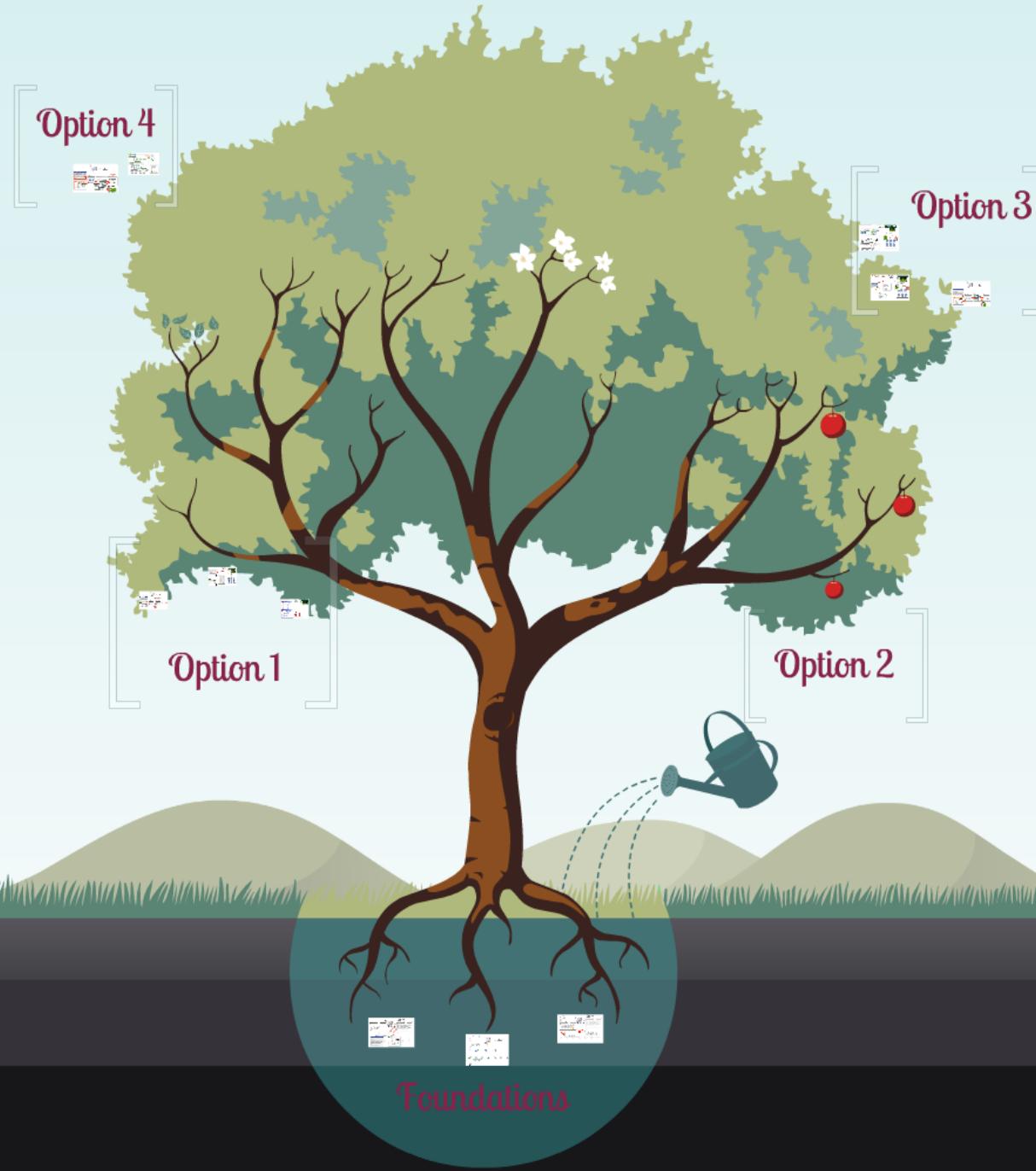
GHASIP Architecture

Recommendations

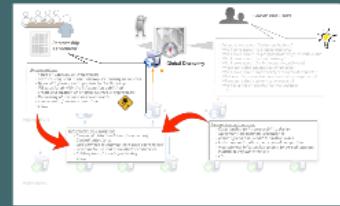
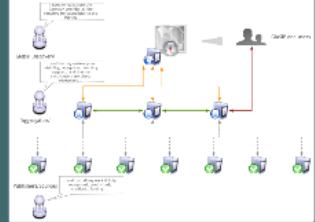


GRASIP Architecture

Recommendations



Foundations



I need to make sure the Gateway provides all the required functionalities to the Parties

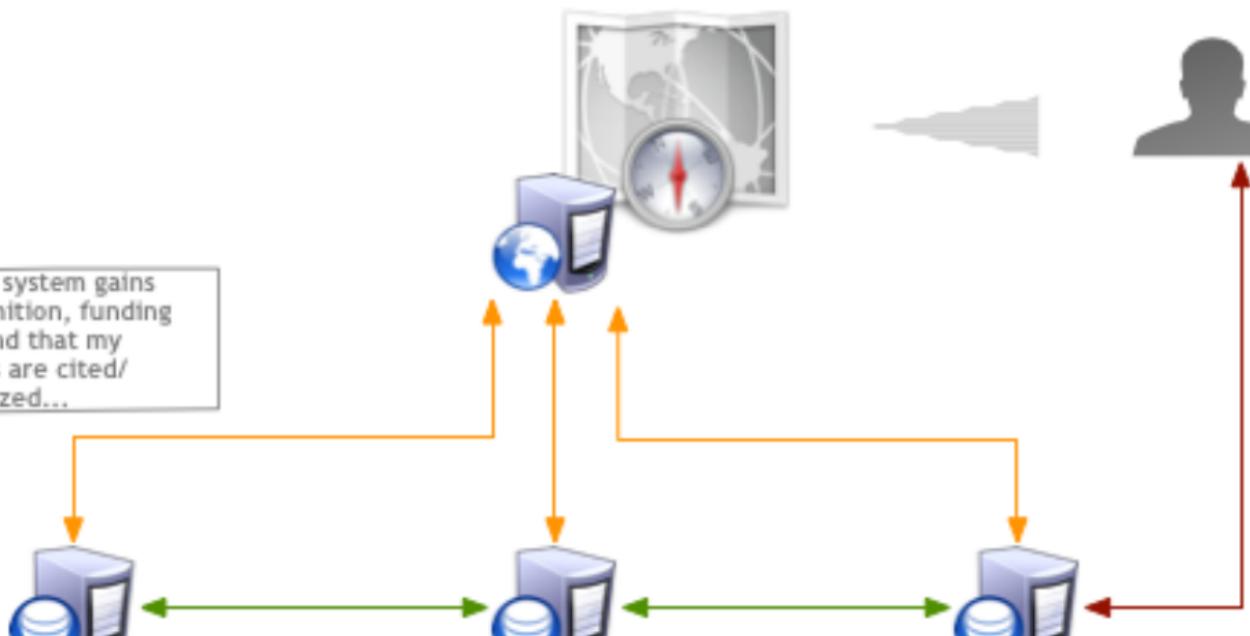


Global Discovery

... and that my system gains visibility, recognition, funding support... and that my contributors are cited/recognized...



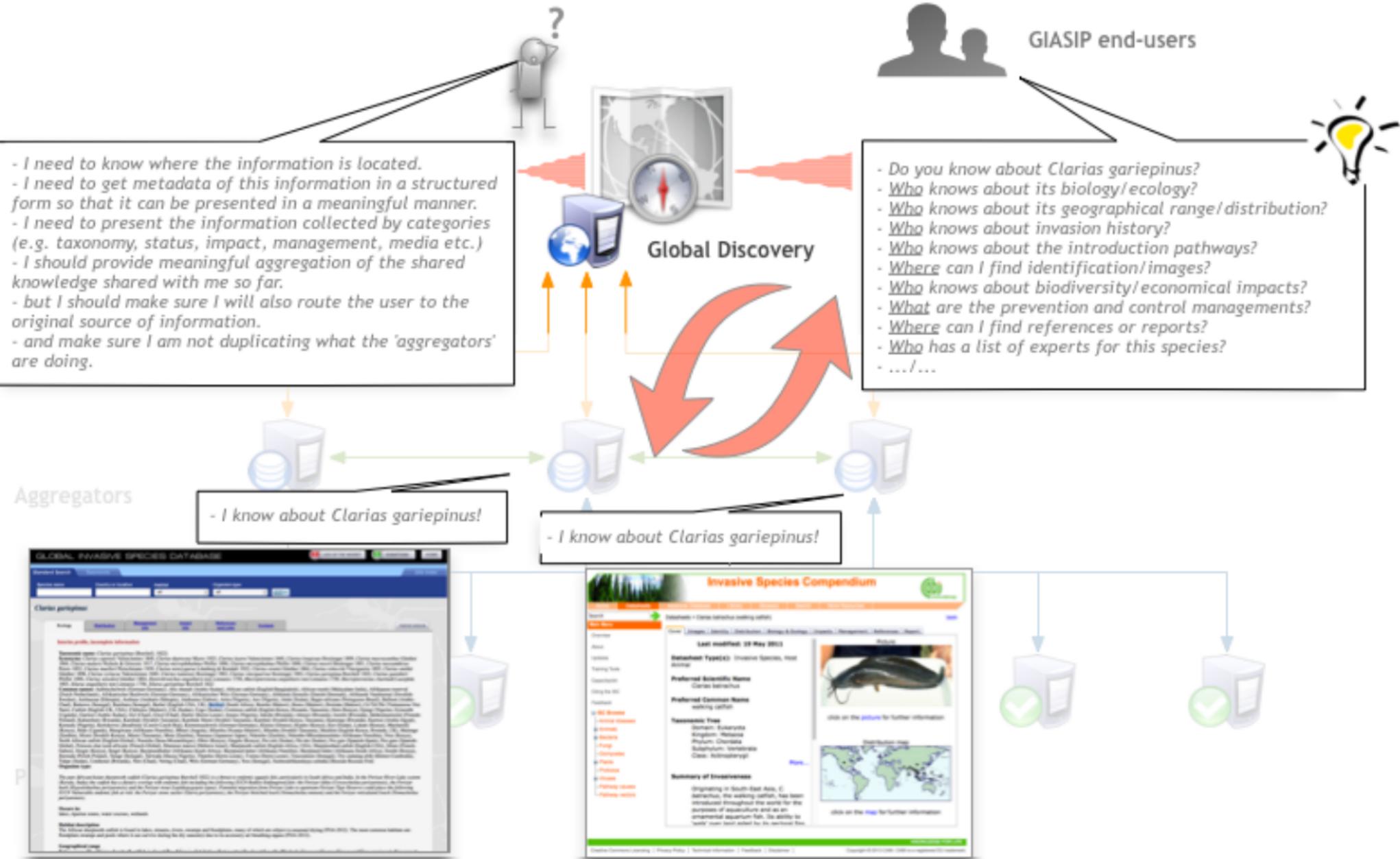
'Aggregators'

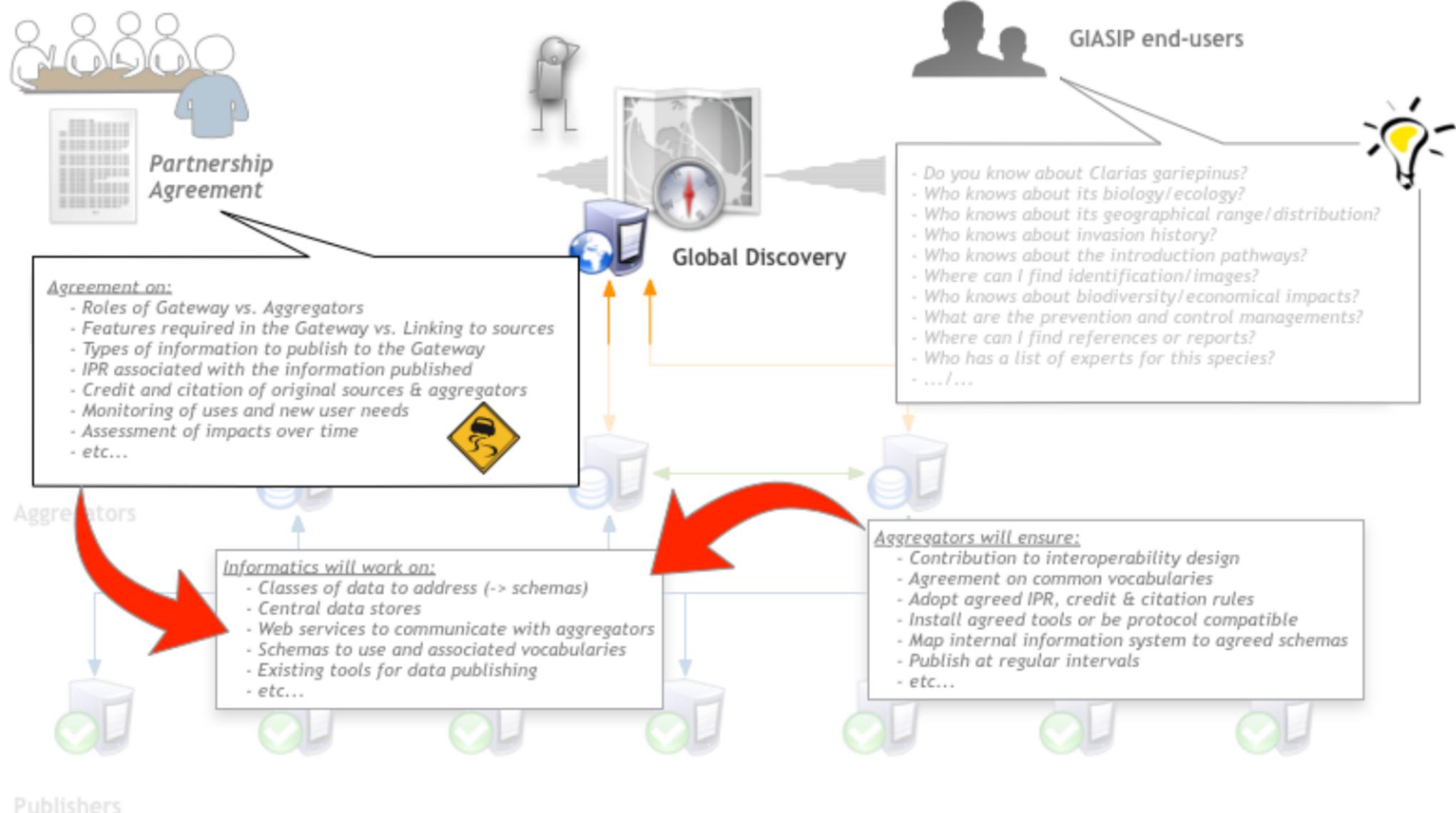


Publishers/Sources

... and that all my work if fully recognised, used, cited, credited... funding...







Option 1



What are the options?



GIASIP end-users

This screenshot shows a detailed record for the species *Clarias gariepinus* in the Global Invasive Species Database. The page includes sections for 'Species details', 'Distribution', 'Impact', 'Management', and 'References'. It features a large image of the fish and maps showing its distribution.

This screenshot shows a summary of invasiveness for *Clarias gariepinus* on the Invasive Species Compendium. It includes a photo of the fish, a distribution map, and a brief description of its impact.

Option 1: A collection of hyperlinks

List of sources

List of Resources

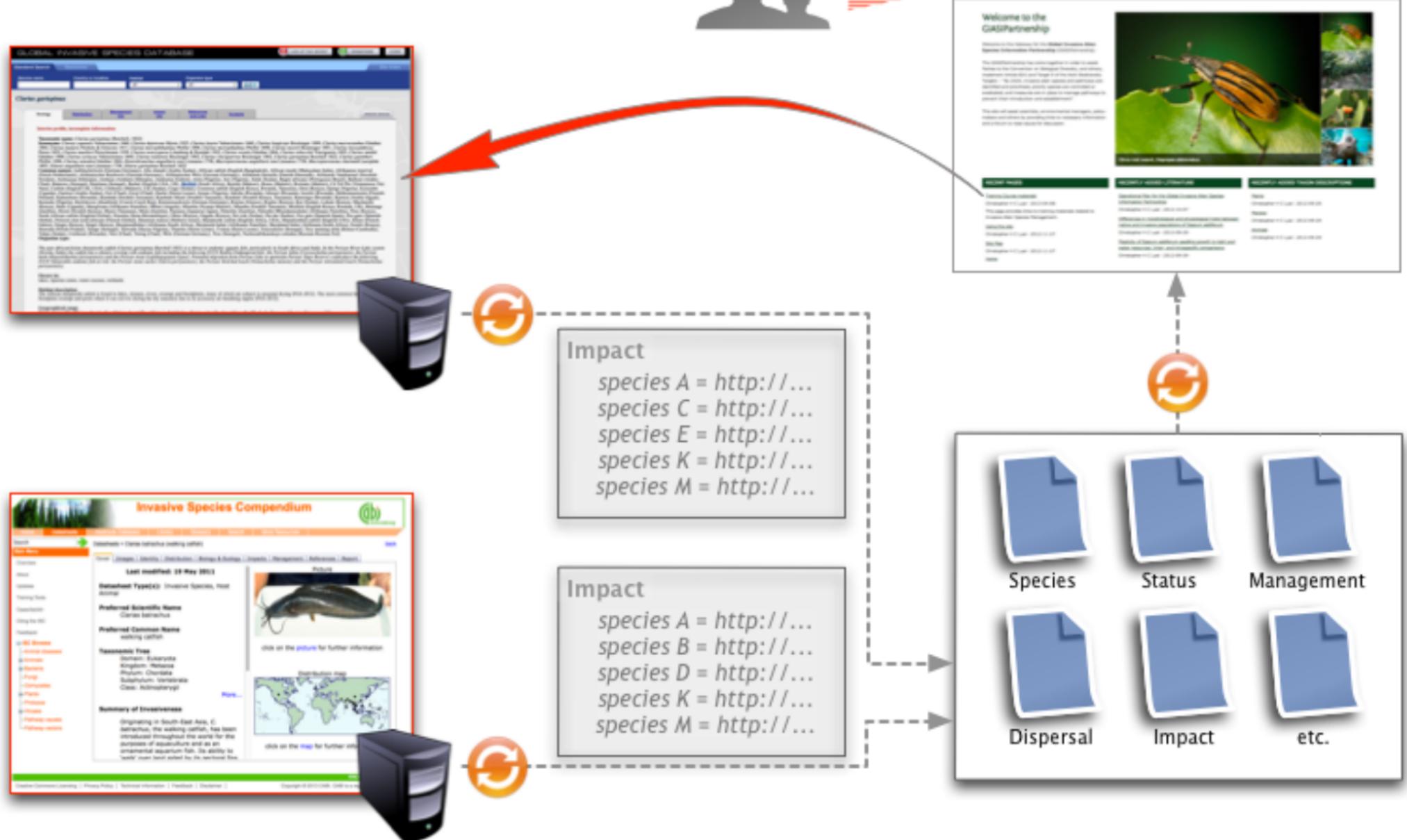
List of resources

Results



← *Clarias gariepinus ?*

Option 1: A collection of hyperlinks



Option 1: A collection of hyperlinks

GIASIP end-users



Hyperlink Selection

My Front Page

Change Colors Choose Content Change Layout Add/Delete Pages

Choose up to 20 content modules on this page by checking or un-checking the boxes. Be sure to click Finished when you're done. Find out what's new on My Yahoo!

Personalize Content for: My Front Page

Page Name: MyFrontPage

My Yahoo! Essentials

- Headlines (1)
- Message Center (1)
- Weather (1)
- New on My Yahoo! (1)
- Yahoo! Mail (1)
- Yahoo! Search (1)

Business & Finance

- Stock Portfolio (1)
- Companies News (1)
- Market Summary (1)
- Currency Converter (1)
- Upgrades/Downgrades (1)
- Forex (1)
- Financials (1)
- Small Business (1)
- In Play (1)

News

- Video Features (1)
- News Clips (1)
- Lottery Results (1)
- Local Photo (1)

Sports

- Sports Scoreboard (1)
- Fantasy Sports (1)
- Sideline (1)
- Team Calendars (1)
- Team News (1)

Travel

- Destination Spotlight (1)
- Best Places (1)
- Great Getaways (1)
- Last-Minute Weekend Getaways (1)
- Vacation Saver (1)

Reference & Tools

- Reference (1)
- Word of the Day (1)
- Bookmarks (1)
- Yellow Pages (1)
- Almanac (1)
- Search Searches (1)
- Package Tracker (1)
- E-Mail Search (1)
- Maps (1)

Welcome, stand - Yahoo! - Account Info - Help - Sign Out

My Front Page

Change Colors Choose Content Change Layout Add/Delete Pages

May 10 - May 10

Mother's Day is May 12... Flowers for Mom, Flowers & Vase \$30, Shop for Mom! *

Last Photo: May 10 12:04am PT

Palestinian Leader Church After Five Weeks

The scene is over the Church of Our Lady in Bethlehem, early May 9, 2002. An end to the Israeli siege of Bethlehem's Church of the Nativity appeared within eight hours on May 10, with Cyprus acting as Palestinian militants trapped inside the church would be brought to the outside temporarily. (Rafa Elegi/Reuters)

My Front Page Headlines - May 10 12:04am PT

Yahoo! News Full Coverage

- Israel Tolds Syria Toward Cease-Fire Reached in End Bethlehem Standoff
- Syrian Leader Visited to Jordan Sunday Face With Israeli Bomb Threats
- Palestinians Demand Closure After Israeli Bomb Kills 16

May 10 12:04am PT

Financial News from CBS MoneyWatch.com

- Steve Gschwender's Five Stars
- Investment.com Offers Mortgages, Web.com Banks
- Chesapeake Energy

Message Center

Check Email

Check Photos

Welcome, stand - Yahoo! - Account Info - Help - Sign Out

Welcome to the GIASIP Partnership

The GIASIP Partnership is a collection of 100+ member organizations that have joined together to create a single, integrated information system for the benefit of their members. The GIASIP Partnership is a non-profit organization that is open to all member organizations.

Recent Pages

- GIASIP Partnership Home Page
- GIASIP Partnership News
- GIASIP Partnership Events
- GIASIP Partnership Documents
- GIASIP Partnership Members
- GIASIP Partnership Committees
- GIASIP Partnership Resources
- GIASIP Partnership Policies
- GIASIP Partnership Contact Information
- GIASIP Partnership Log In

Recent User Contributions

- GIASIP Partnership Home Page
- GIASIP Partnership News
- GIASIP Partnership Events
- GIASIP Partnership Documents
- GIASIP Partnership Members
- GIASIP Partnership Committees
- GIASIP Partnership Resources
- GIASIP Partnership Policies
- GIASIP Partnership Contact Information
- GIASIP Partnership Log In

Recently Added Document Updates

- GIASIP Partnership Home Page
- GIASIP Partnership News
- GIASIP Partnership Events
- GIASIP Partnership Documents
- GIASIP Partnership Members
- GIASIP Partnership Committees
- GIASIP Partnership Resources
- GIASIP Partnership Policies
- GIASIP Partnership Contact Information
- GIASIP Partnership Log In

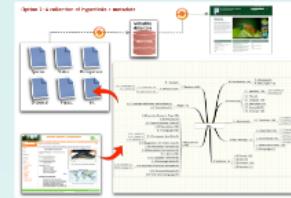
Could look like this...



Option 1



Option 2



What are the options?

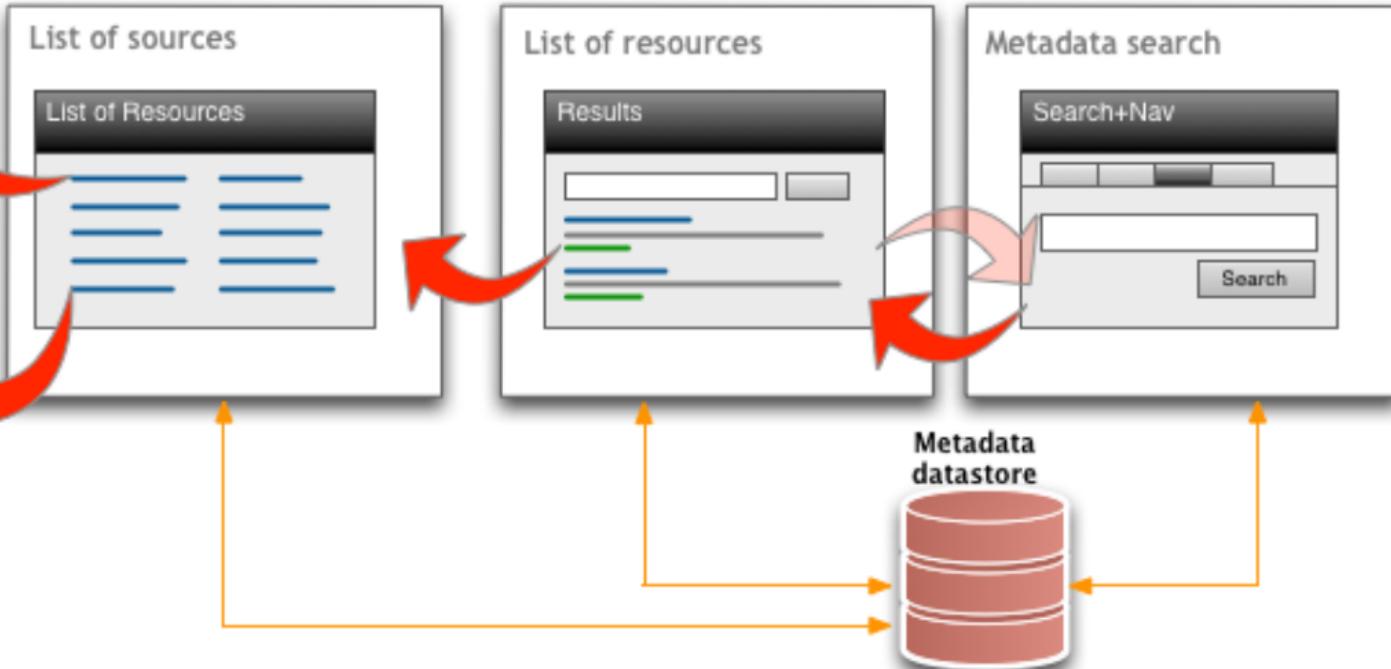


GIASIP end-users

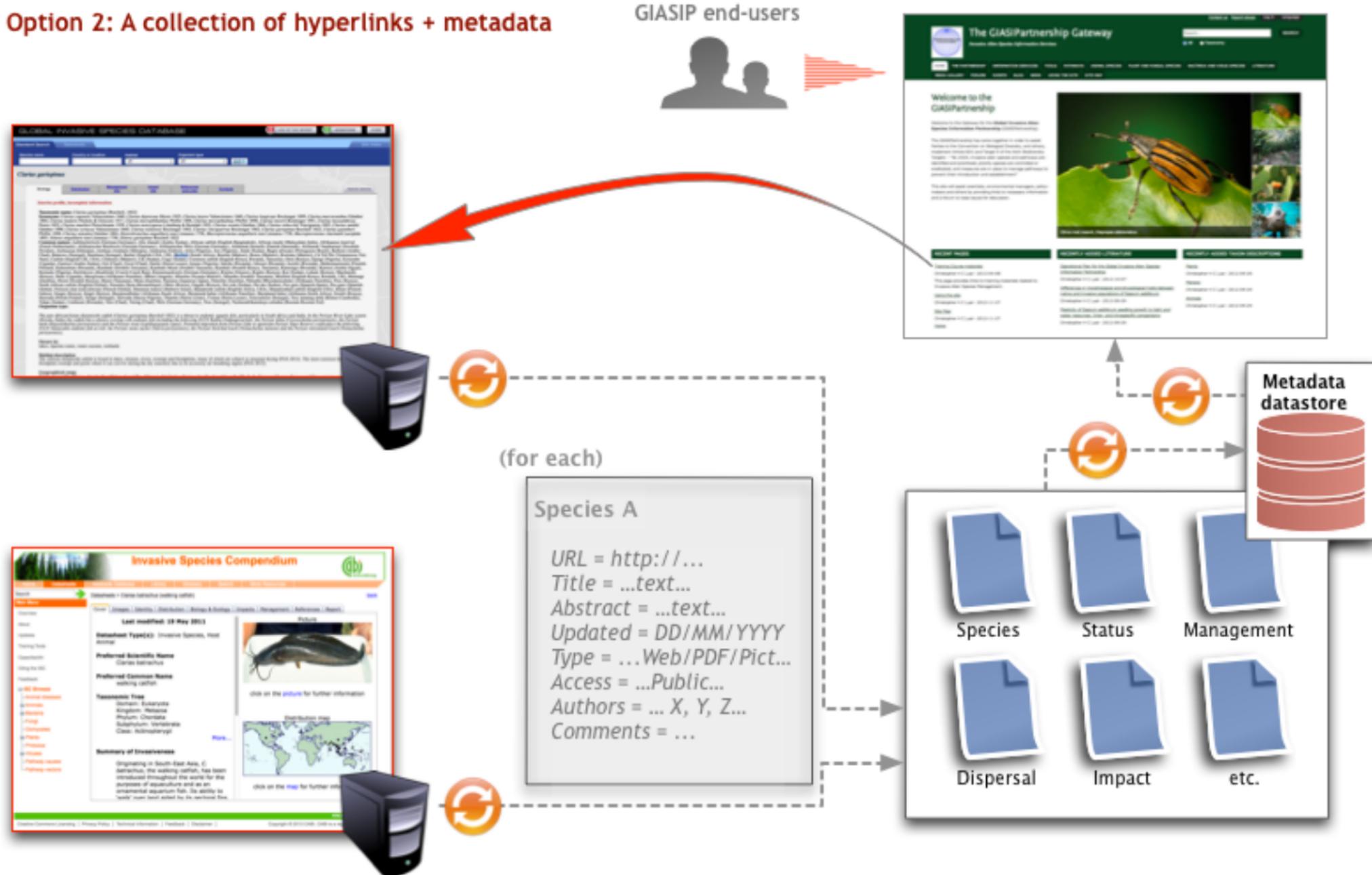


Option 2: A collection of hyperlinks + metadata

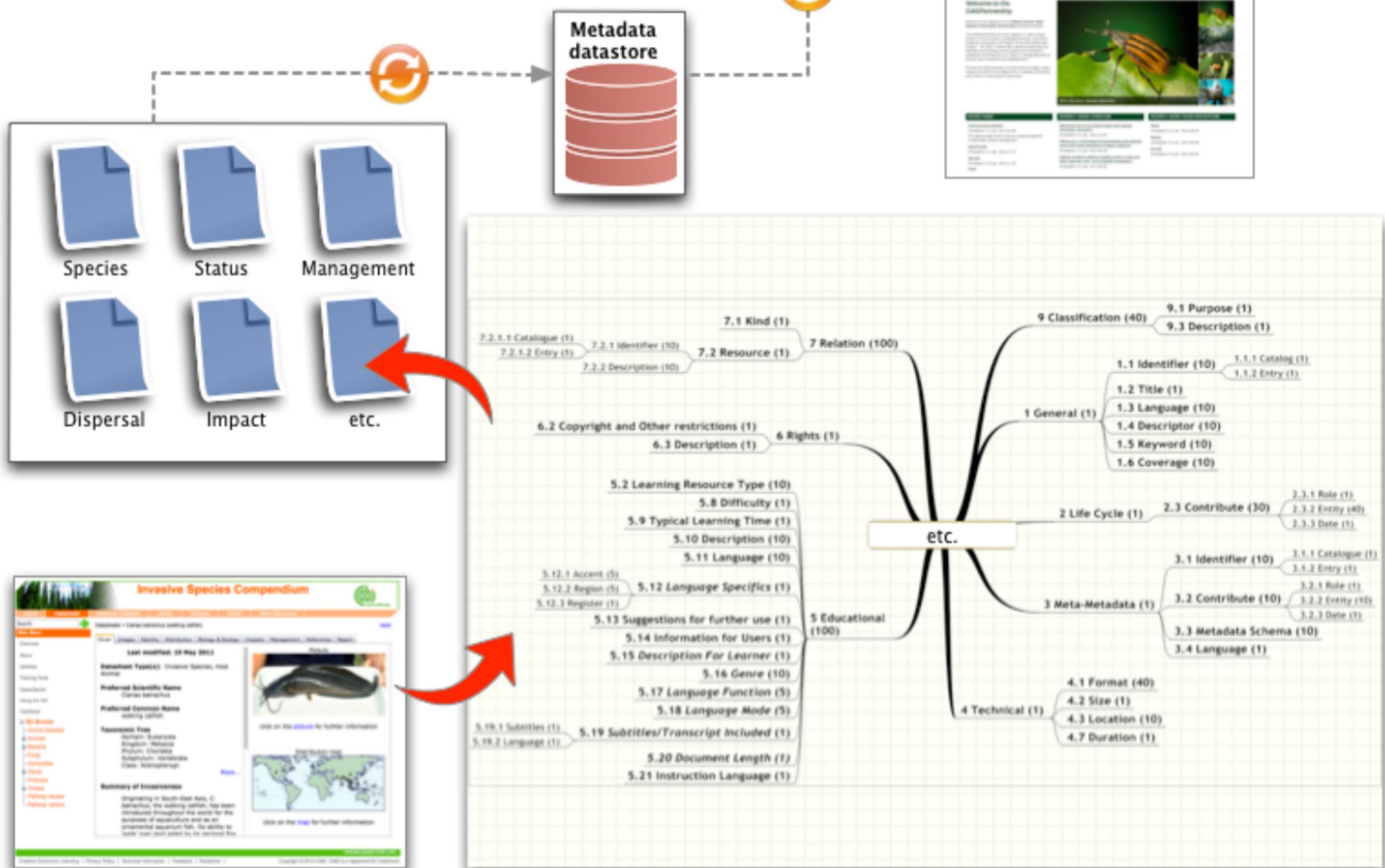
Clarias gariepinus ?



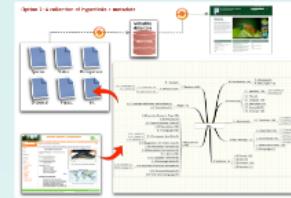
Option 2: A collection of hyperlinks + metadata



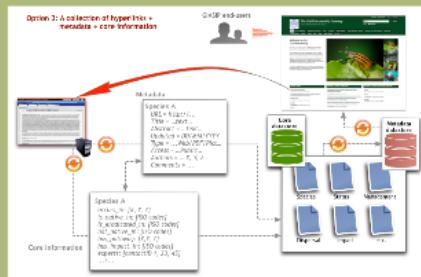
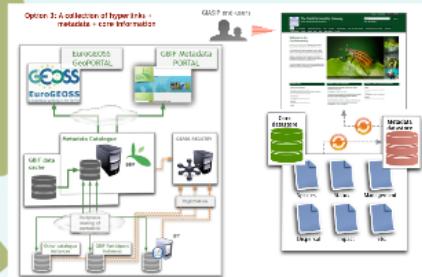
Option 2: A collection of hyperlinks + metadata



Option 2



Option 3



What are the options?



GIASIP end-users

Global Invasive Species Database

Clarion gariepinus

Detailed species information for Clarias gariepinus.

Common Name: Walking catfish

Scientific Name: Clarias gariepinus

Kingdom: Animalia

Phylum: Chordata

Class: Actinopterygii

Order: Siluriformes

Family: Clariidae

Genus: Clarias

Species: Clarias gariepinus

Subspecies: Clarias gariepinus

Clarias gariepinus is a species of fish in the family Clariidae. It is found in South Africa, where it has been introduced throughout the country for the aquaculture industry. It is also found in some environmental aquariums. Its ability to "walk" over land is used for its survival.

Invasive Species Compendium

Last modified: 18-May-2011

Database Type: Invasive Species, Host animal

Preferred Scientific Name: Clarias gariepinus

Preferred Common Name: Walking catfish

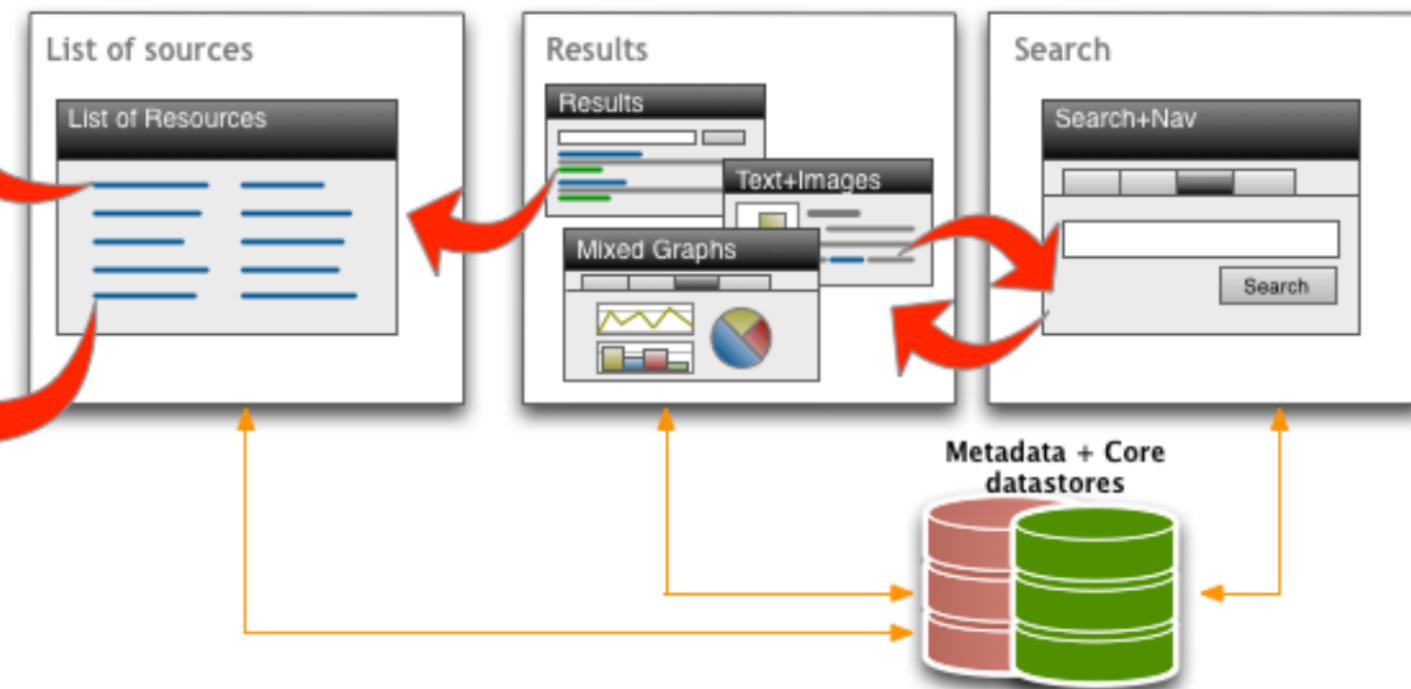
Native Range: Domain: Eukaryota; Kingdom: Metazoa; Phylum: Chordata; Subphylum: Vertebrata; Class: Holostreptiformes

Summary of Invasiveness:

Originating in South-East Asia, C. gariepinus, the walking catfish, has been introduced throughout the world for the aquaculture industry. It is also found in some environmental aquariums. Its ability to "walk" over land is used for its survival.

Option 3: A collection of hyperlinks + metadata + core information

Clarias gariepinus ?



Option 3: A collection of hyperlinks + metadata + core information

GIASIP end-users



Metadata

Species A
URL = http://...
Title = ...text...
Abstract = ...text...
Updated = DD/MM/YYYY
Type = ...Web/PDF/Pict...
Access = ...Public...
Authors = ... X, Y, Z...
Comments = ...

Species A

occurs_in: [X, Y, Z]
is_native_in: [ISO codes]
is_eradicated_in: [ISO codes]
not_native_in: [ISO codes]
has_pathway: [X, Y, Z]
has_impact_in: [ISO codes]
experts: [contactID 1, 23, 45]
.../...

Core information

Core datastore



Species

Dispersal

Metadata datastore

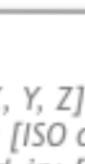


Status

Impact

Management

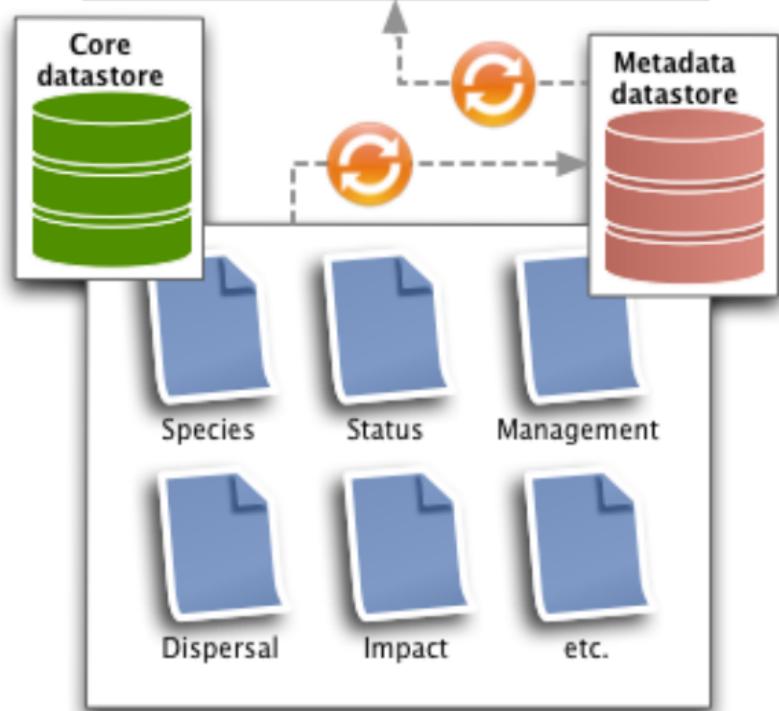
etc.



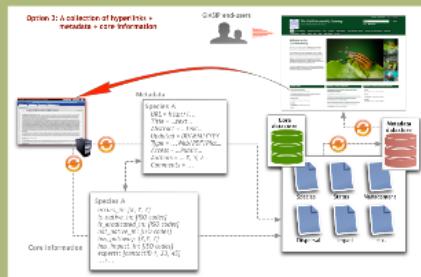
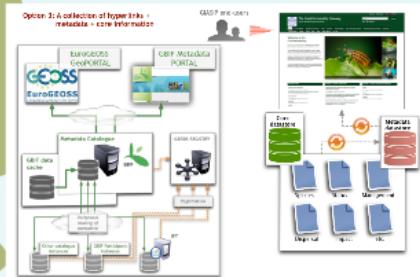
Option 3: A collection of hyperlinks + metadata + core information



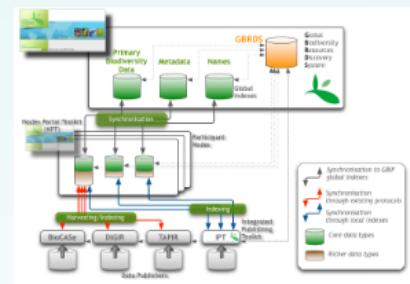
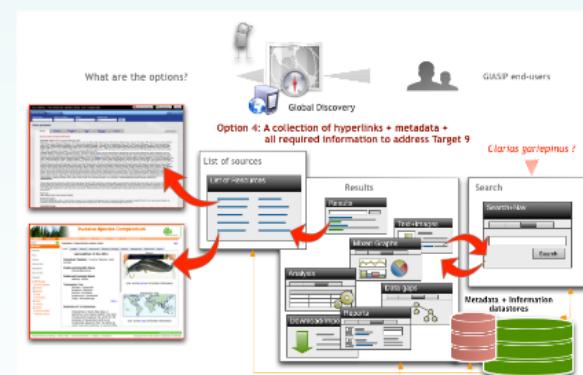
GIASIP end-users



Option 3



Option 4



What are the options?

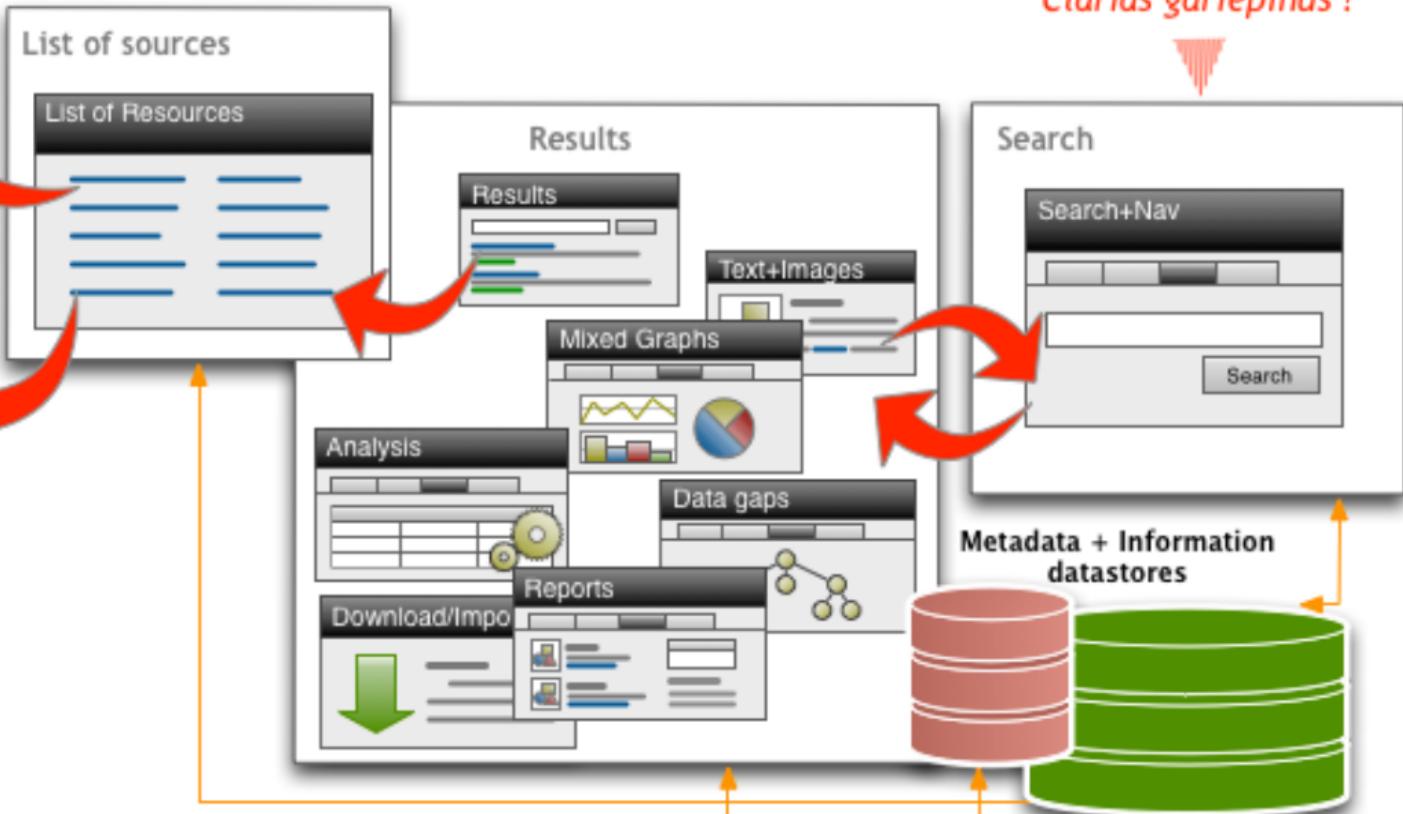


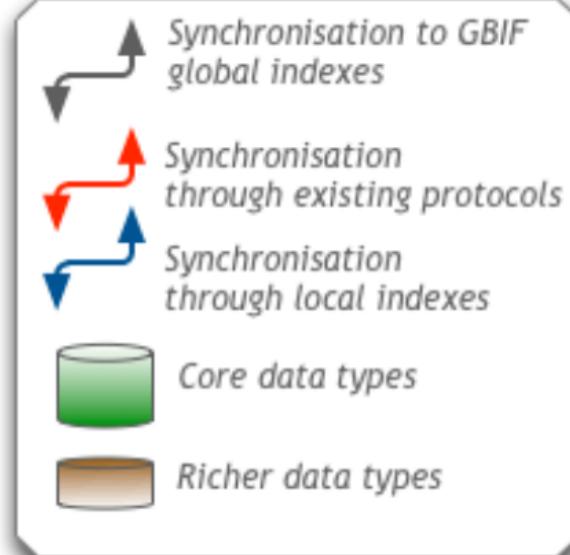
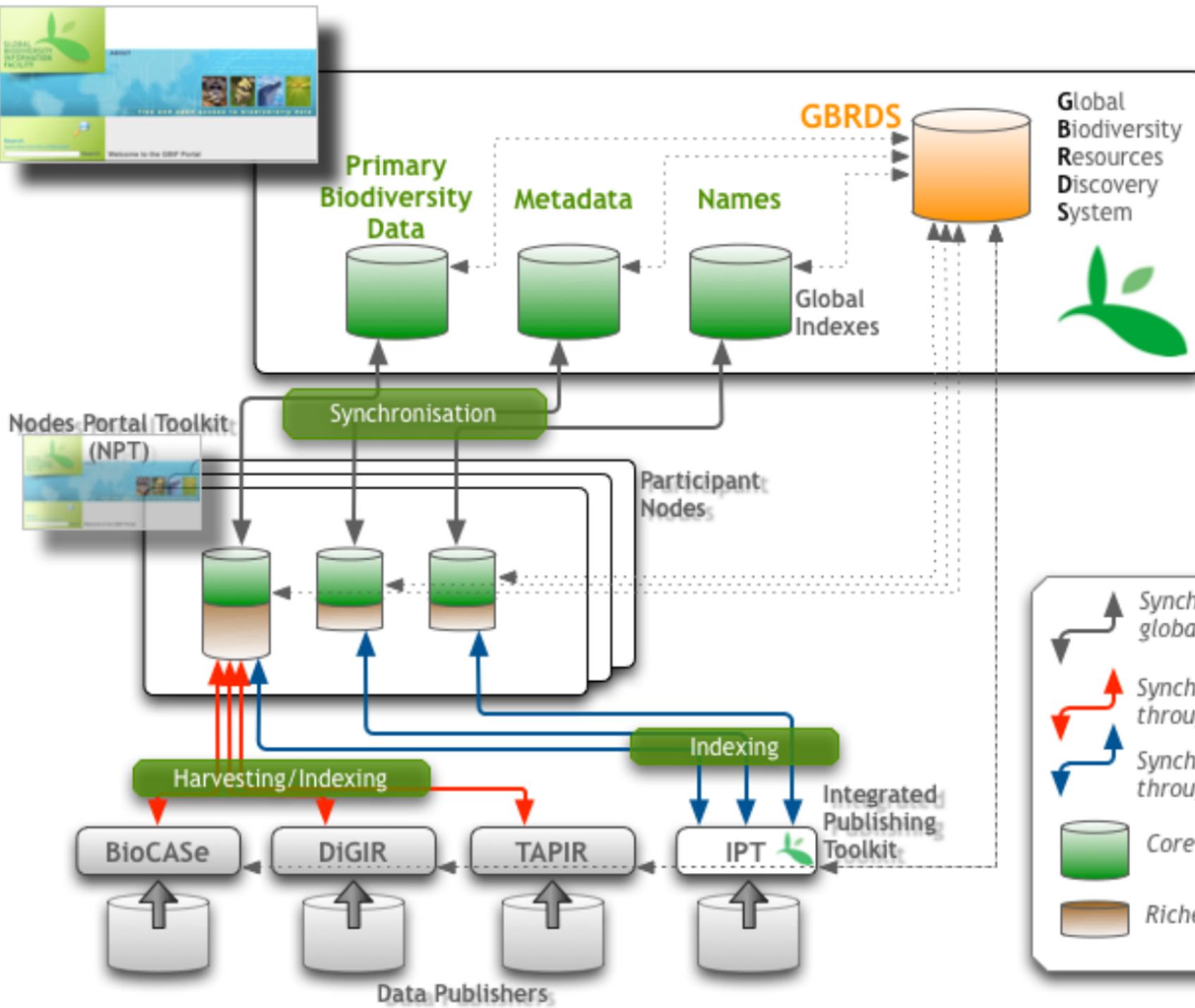
GIASIP end-users

A screenshot of the GBIF database interface showing a detailed record for a species. The page includes a header, search bar, and various tabs like 'Details', 'Images', 'Distribution', 'Biology & Ecology', 'Chains', 'Management', and 'References'. The main content area displays taxonomic information, distribution maps, and links to external resources.

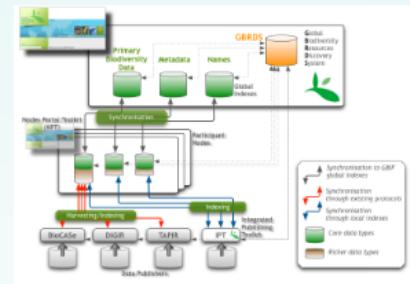
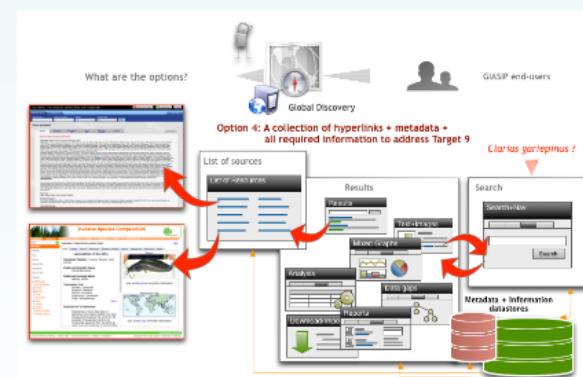
A screenshot of the Invasive Species Compendium interface for the species *Clarias gariepinus*. It shows basic information like the common name 'Walking catfish', preferred scientific name 'Clarias gariepinus', and preferred俗名 'walking catfish'. It also includes a distribution map of the world and a link to further information.

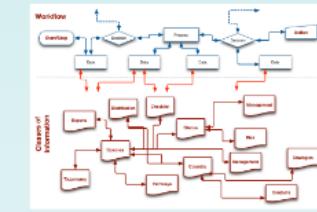
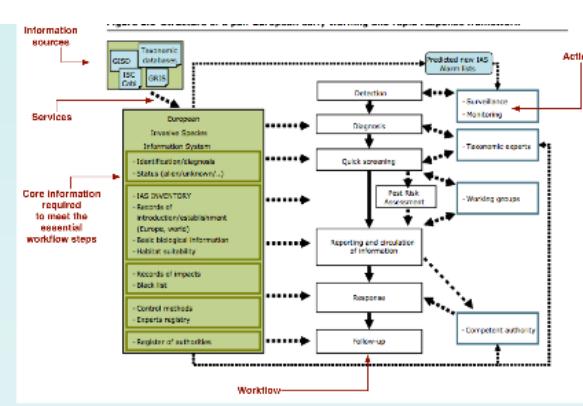
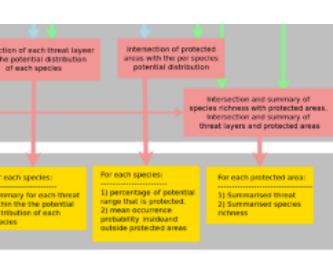
Option 4: A collection of hyperlinks + metadata + all required information to address Target 9





Option 4





Recommendations



Example of Workflow for a GBIF Partner

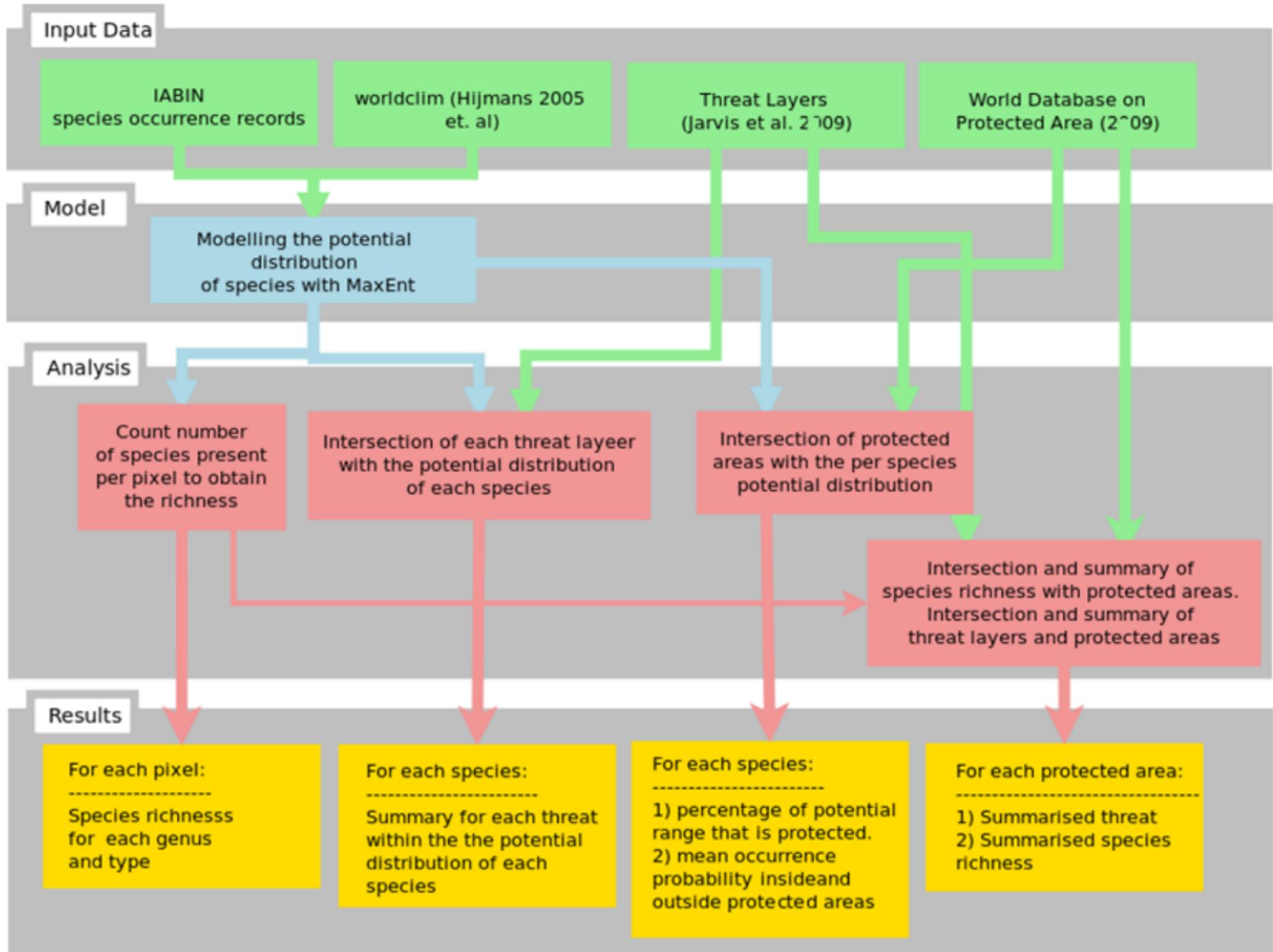
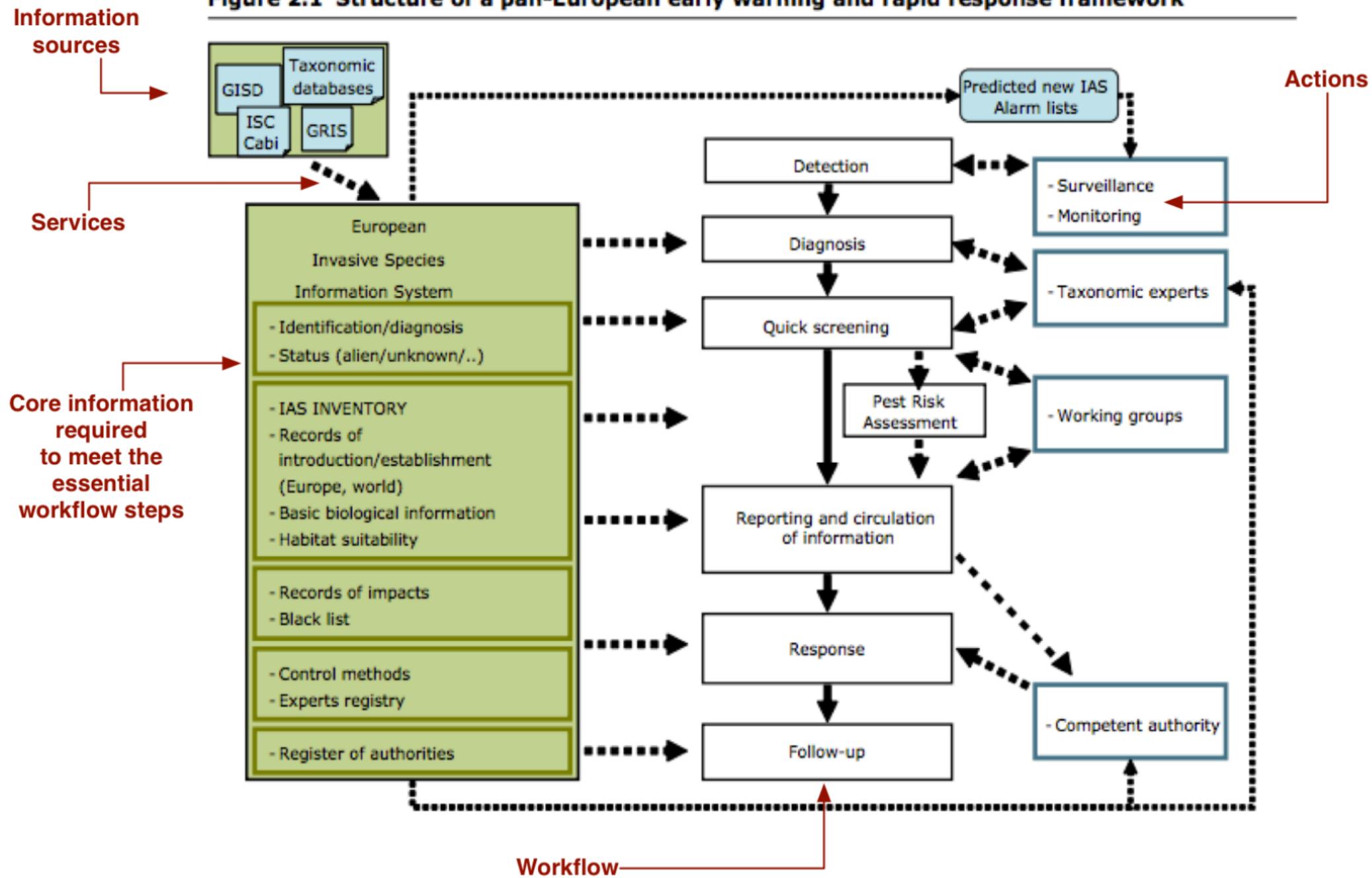


Figure 2.1 Structure of a pan-European early warning and rapid response framework



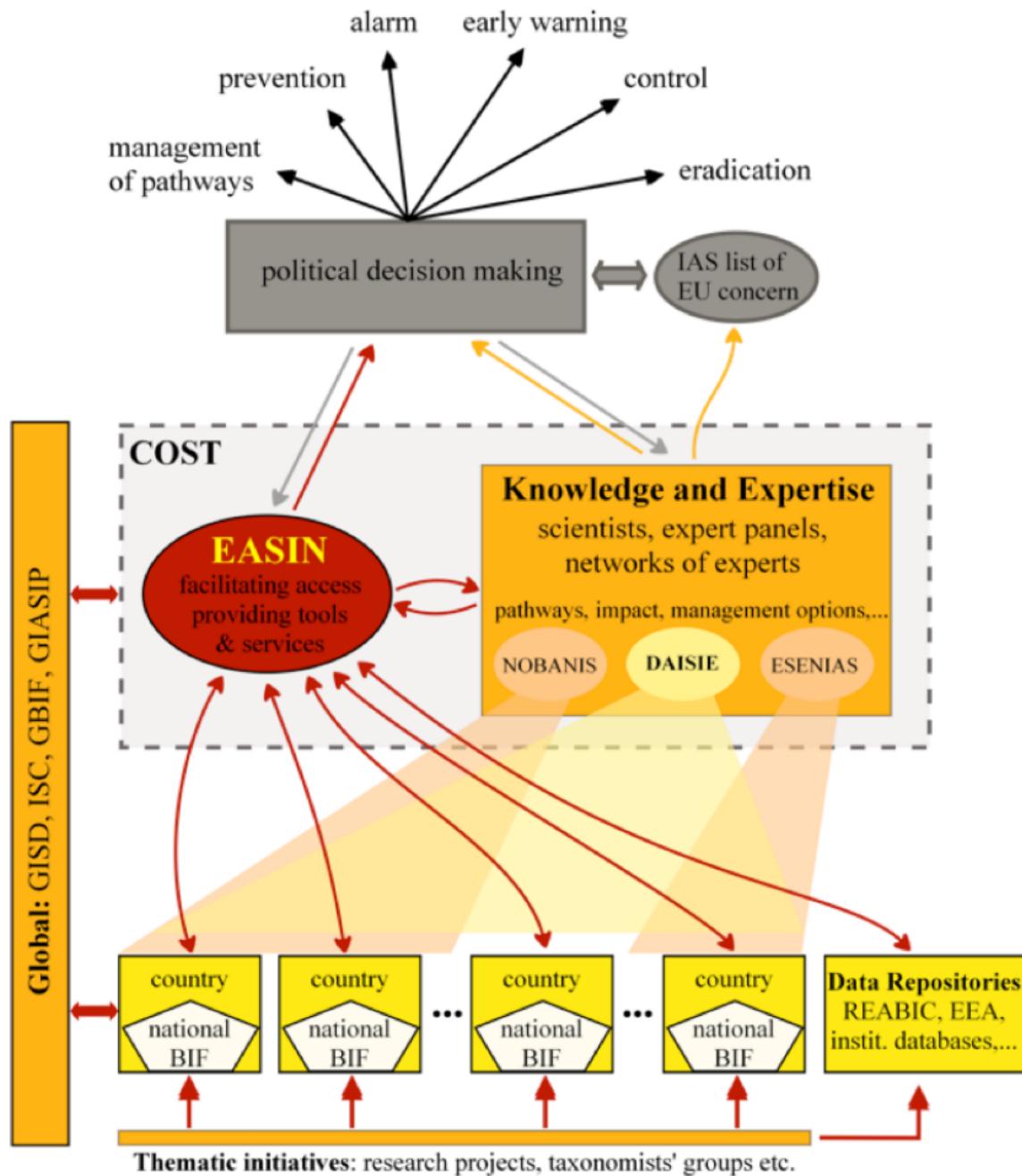
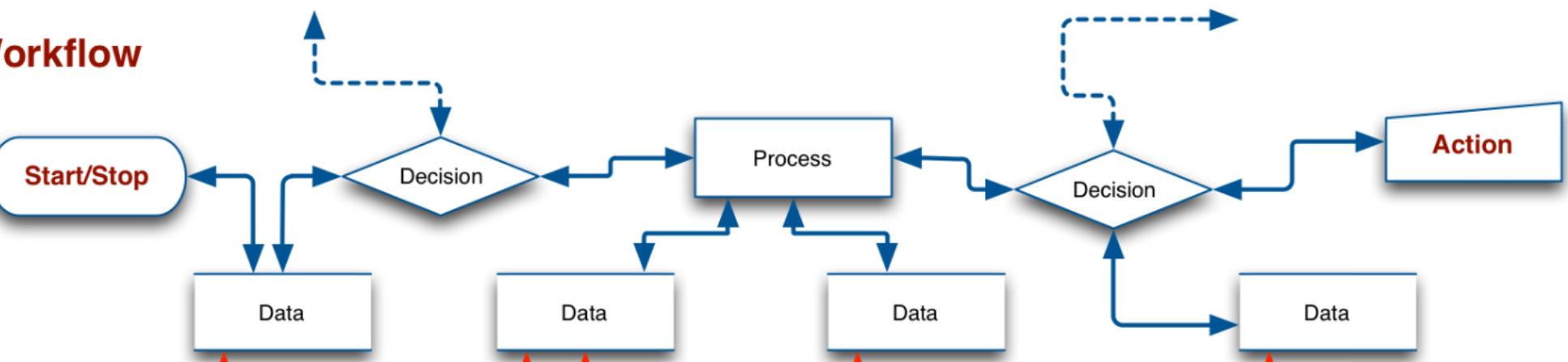
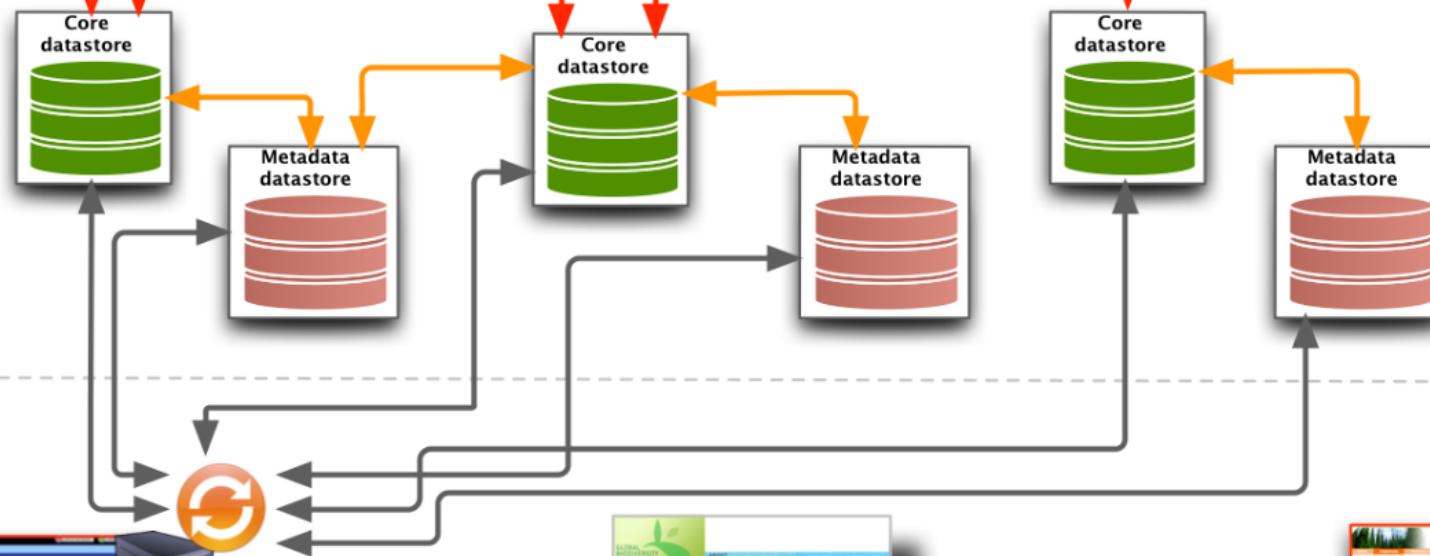


Figure 1: The proposed organizational chart of all the players in an information network for alien species aiming to provide the required knowledge and scientific advice to support political decision making. Red arrows indicate flow of data and information; orange arrows denote scientific advice; grey arrows stand for demands for policy support.

Workflow



Core + Metadata Datastores

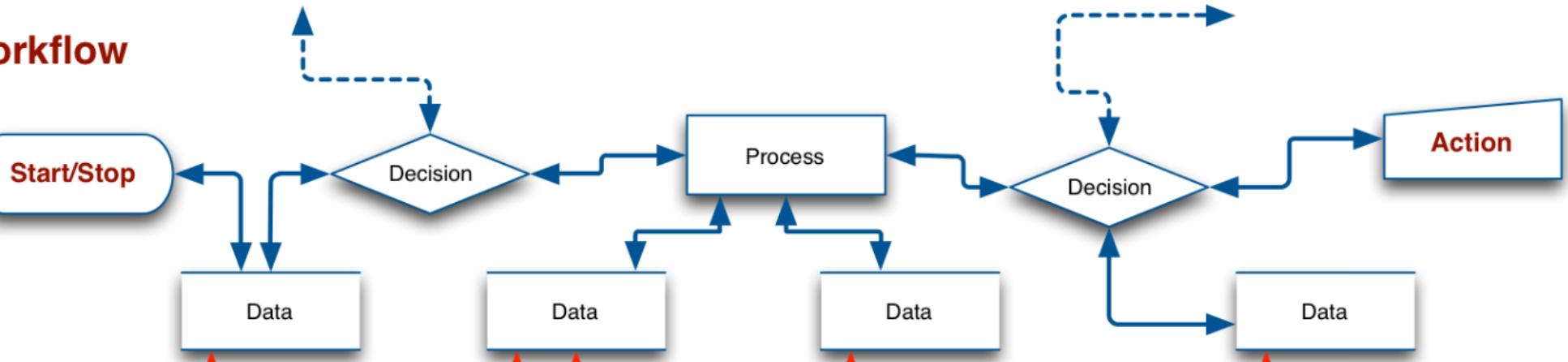


Partners

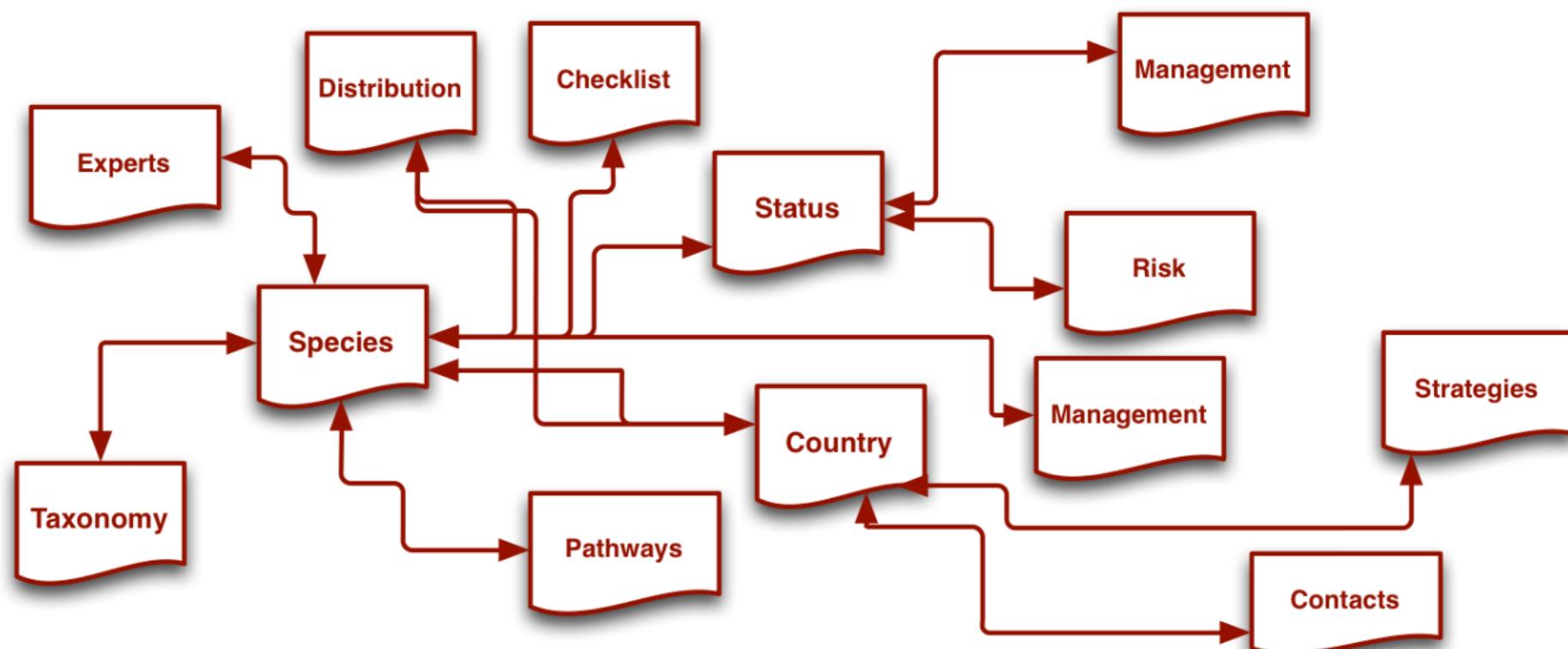


Proposal for the GIASIP: 1st phase

Workflow



Classes of Information



GRASIP Architecture

Recommendations

