



COMMISSION EUROPEENNE



Direction générale
Santé & protection des consommateurs

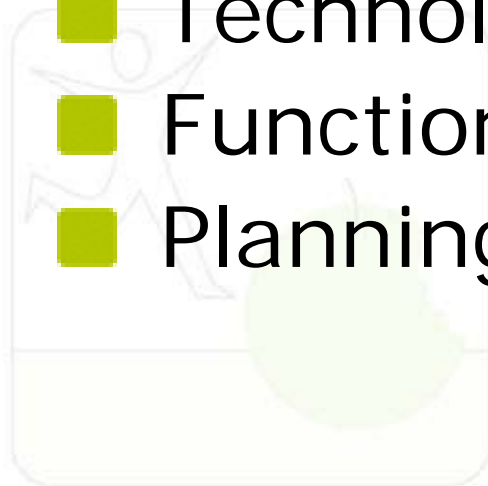
Health & Consumer Protection
Directorate General

Animal Disease Notification
System

Technical Evolution



- Objectives
- Technology
- Functionality
- Planning





Objectives ADNS Application

- Maintain and host a robust application, in line with the Commission's hosting standards
- Technical platform suitable for the next 5 years
- Flexible and manageable system: easier to maintain
- Additional reporting options
- Improve geographical imaging options
- On-line map drawing



ADNS Technology

■ Changes to the System:

- ColdfusionMX replaces Silverstream .
- Development methodology: MachII
- Database (Oracle10g) upgraded
- Adding new functionalities

■ Silverstream no longer supported

■ Coldfusion MX standard development tool for web applications



ADNS Functionality - Process Flow

- ADNS allows the member states to add, modify their own outbreaks declaration, and consult all outbreaks for the all member states.
- When a Primary outbreak is added or modified an e-mail is sent to subscribers.
- Member states can also send this declaration. by email.

An Excel tool is available for huge number of outbreak.



ADNS Functionality - Process Flow

- ADNS allows the manager (EC) to add, modify, delete and restore any outbreak declaration.





ADNS Functionality – Break Down

- 1. **Search Engine Outbreak(FORM2).**
- 2. Create Outbreak(FORM1).
- 3. Update Outbreak(FORM2).
- 4. Delete Outbreak(s).
- 5. Restore Outbreak(s).
- 6. Business Object Report (FORM4).
- 7. Weekly Notification (FORM4).
- 8. Administration.



1. Search Engine Outbreak

■ Home page

The screenshot shows the home page of the Animal Disease Notification System. At the top right, there are links for "Go to another application", "Help", "Language", "About", and "Log out". Below this is a blue header bar with the word "DEVELOPMENT" in white. Underneath the header bar is a navigation bar with the following items: "CHOUGRANI Youcef (Last connection: 15/01/2008 16:09:38)", "Home", "Security management", "Outbreak", "Reports", "Administration", and "Change Password". Below the navigation bar is a secondary navigation bar with the following items: "Restore outbreak", "Delete outbreak", "Outbreak search" (highlighted with a mouse cursor), and "New outbreak". The main content area displays the text "Animal Disease Notification System" in a large font, followed by "(version 0.1)" and "Welcome CHOUGRANI Youcef" in a smaller font.



1. Search Engine Outbreak

■ Search engine outbreak

- Select the “Search Outbreak” SubMenu.
- Specify a search criteria by combining different field.
- Validate the “Search Outbreak” by clicking on the Search button.
- Displaying the result list
 - One or more Outbreak depending upon on the precision of the search.
- Export to Excel file.
- Select a specific outbreak from the result list.
- Displaying a header and details information for the selected outbreak.
- Printing outbreak declaration form.



1. Search Engine Outbreak.

- Select “Outbreak research” SubMenu

The screenshot shows the web interface of the Animal Disease Notification System. At the top right, there are links for "Go to another application", "Help", "Language", "About", and "Log out". Below this is a blue header bar with the word "DEVELOPMENT" in white. Underneath the header, a navigation bar shows the user "CHOUGRANI Youcef" and their last connection time "15/01/2008 16:09:38". The main navigation menu includes "Home", "Security management", "Outbreak", "Reports", "Administration", and "Change Password". A secondary menu below this contains "Restore outbreak", "Delete outbreak", "Outbreak research" (which is highlighted with a mouse cursor), and "New outbreak". The main content area displays "Animal Disease Notification System (version 0.1) Welcome CHOUGRANI Youcef".



1. Search Engine Outbreak.

- Specify search criteria by combining different field

Go to another application Help Language About Log out

DEVELOPMENT

CHOUGRANI Youcef (Last connection: 16/01/2008 09:21:45) Home Security management Outbreak Reports Administration Change Password

Outbreak research

Country: Affected region: Old affected region:

Disease: Reference number: /

Reference number from: / to: /

Period: to:

- Validate a “Search Outbreak” by clicking on Search button.



1. Search Engine Outbreak.

- The system displays the result list.

Excel file Clear Search

18 outbreaks found

Country	Affected region	Disease	Reference number	Confirmation date
NETHERLANDS	01600 SIXTEEN	09 B.T. (BLUETONGUE)	2007 / 1	04/01/2007
NETHERLANDS	01100 ELEVEN	09 B.T. (BLUETONGUE)	2007 / 2	09/01/2007
NETHERLANDS	02000 TWENTY	09 B.T. (BLUETONGUE)	2007 / 3	09/01/2007
NETHERLANDS	01700 SEVENTEEN	09 B.T. (BLUETONGUE)	2007 / 4	24/01/2007
NETHERLANDS	01700 SEVENTEEN	09 B.T. (BLUETONGUE)	2007 / 5	26/01/2007
NETHERLANDS	01100 ELEVEN	09 B.T. (BLUETONGUE)	2007 / 6	06/02/2007
NETHERLANDS	01500 FIFTEEN	09 B.T. (BLUETONGUE)	2007 / 7	01/02/2007

- You can either export this list to an Excel file, or select a specific outbreak by clicking on the record from the result list.



Outbreak export to Excel file

2007 to 01/01/2008

Excel file

Affected region	Disease	Reference
600 SIXTEEN	09 B.T. (BLUETONGUE)	2007 / 1
100 ELEVEN	09 B.T. (BLUETONGUE)	2007 / 2
000 TWENTY	09 B.T. (BLUETONGUE)	2007 / 3
700 SEVENTEEN	09 B.T. (BLUETONGUE)	2007 / 4

- It lets you export the outbreak(s) related to the criteria search to Excel file.

Microsoft Excel - ADNS_Export_chougyc[1]

	A	B	C	D	E	F
1	Country	Disease	Outbreak Year	Reference number	Affected region	Outbreak Year
2	04 NETHERLANDS	09 BLUETONGUE	2007,1	01600	SIXTEEN	1
3	04 NETHERLANDS	09 BLUETONGUE	2007,2	01100	ELEVEN	1
4	04 NETHERLANDS	09 BLUETONGUE	2007,3	02000	TWENTY	1
5	04 NETHERLANDS	09 BLUETONGUE	2007,4	01700	SEVENTEEN	1
6	04 NETHERLANDS	09 BLUETONGUE	2007,5	01700	SEVENTEEN	1
7	04 NETHERLANDS	09 BLUETONGUE	2007,6	01100	ELEVEN	1
8	04 NETHERLANDS	09 BLUETONGUE	2007,7	01500	FIFTEEN	1
9	04 NETHERLANDS	09 BLUETONGUE	2007,8	01700	SEVENTEEN	1
10	04 NETHERLANDS	09 BLUETONGUE	2007,9	01800	EIGHTEEN	1
11	04 NETHERLANDS	09 BLUETONGUE	2007,10	01300	THIRTEEN	1
12	04 NETHERLANDS	09 BLUETONGUE	2007,11	01900	NINETEEN	1
13	04 NETHERLANDS	09 BLUETONGUE	2007,12	01800	EIGHTEEN	1



1. Search Engine Outbreak.

- Select a specific outbreak by clicking on the record from the result list.

The system displaying :

- 1. Header which contains reference information for the selected outbreak.

Outbreak details

Dispatch date time * :	<input type="text" value="10/10/2006 03:04"/>	Outbreak type * :	<input type="text" value="PRIMARY"/>
Country * :	<input type="text" value="NETHERLANDS"/>	Affected region * :	<input type="text" value="02000 TWENTY"/>
Disease * :	<input type="text" value="09 B.T. (BLUETONGUE)"/>		
Reference number * :	<input type="text" value="2006"/> / <input type="text" value="173"/>	Type/Subtype :	<input type="text" value="Select one"/>



1. Search Engine Outbreak.

2. Details information breaking down into 4 tabs:

❖ General information :

General information Dates and animals Free text Related region

Control measure : [New measure](#)

Disease origin :

Related outbreak: /

Location		x°	y'	z''
Latitude	<input type="text" value="North"/>	<input type="text" value="50"/>	<input type="text" value="49"/>	<input type="text" value="53"/>
Longitude	<input type="text" value="East"/>	<input type="text" value="5"/>	<input type="text" value="51"/>	<input type="text" value="53"/>



1. Search Engine Outbreak.

❖ Dates and animals :

General information **Dates and animals** Free text Related region

Disease's Evolution Validation rules

Evolution type	Code			
Suspicion date	130	07/10/2006	-	+
Date of confirmation *	140	10/10/2006	-	+
Date of first infection	150		-	+
Date culling of animals is finalised	160		-	+
Date destruction of animals is finalised	170		-	+



1. Search Engine Outbreak.

❖ Free text :

The screenshot shows a web application interface with four tabs: "General information", "Dates and animals", "Free text", and "Related region". The "Free text" tab is selected and contains a rich text editor. The toolbar includes icons for cut, copy, paste, undo, redo, bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, and image. Below the toolbar, there are dropdown menus for "Style", "Format", "Police", and "Taille", followed by a "T" icon. The text area contains the text "Vector control measure". At the bottom left, there is a note: "* Mandatory data". At the bottom right, there are three buttons: "Back to list", "Print", and "Save".



1. Search Engine Outbreak.

❖ Related region :

General information | Dates and animals | Free text | **Related region**

Country : Region :

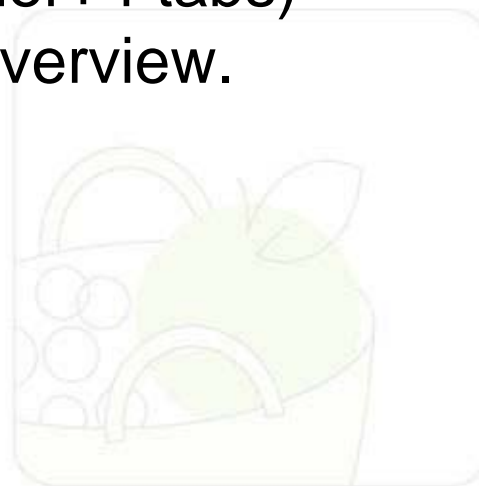
Use ctrl or shift key to select more than one region

Country	Region	Delete
NETHERLANDS	EIGHT	<input type="button" value="Delete"/>
NETHERLANDS	EIGHTEEN	<input type="button" value="Delete"/>



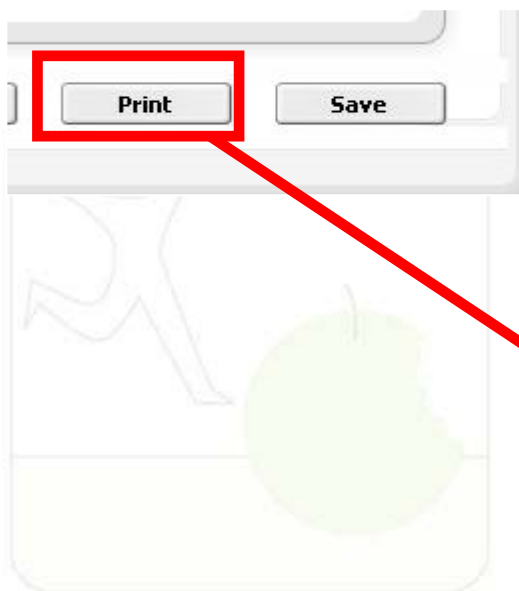
Outbreak printing

❖ It lets you gather all information (header+4 tabs) for the selected outbreak in one single overview.





Select Outbreak then click on print button



Cancel Print

EUROPEAN COMMISSION DG SANCO

OUTBREAK DETAILS Page : 1/2
Date : 16-01-2008

Dispatch date time : 10/10/2006 03:04
Outbreak type : PRIMARY
Country : NETHERLANDS Affected region : 02000 TWENTY
Disease : 00 B.T. (BLUETONGUE) Type/Subtype :
Reference number : 2006/173

GENERAL INFORMATION

Control measure : MOVE CONTRL
MOVE TRACING
OTHER

Disease origin : Unknown - investigation continuing

Related outbreak

Location	x"	y"	z"
Latitude North	50	49	53
Longitude East	-5	51	53

DATES AND ANIMALS

Disease's Evolution

Evolution type	Code
Suspicion date	130
Date of confirmation *	140
Date of first infection	150
Date culling of animals is finalized	160
Date destruction of animals is finalized	170



ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- **2. Create Outbreak(FORM1).**
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- 5. Restore Outbreak(s).
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- 7. Weekly Notification (FORM4).
- 8. Administration.



2. Create Outbreak(FORM1)

- By Member State
- By Processing received e-mail every 30min
- It lets you create a new outbreak declaration and dispatch this new declaration to the Member States.



2. Create Outbreak(FORM1)

- Select “New Outbreak” SubMenu
- Complete a “New Outbreak” Form
 - Fill mandatory fields.
 - Fill optional fields.
- Validate a “New Outbreak” Form
- The system checks the matching field with the validation business rule.
- Displaying the result and dispatching this “New Outbreak”.



2. Create Outbreak(FORM1)

- Select "New Outbreak" SubMenu

Go to another application Help Language About Log out

DEVELOPMENT

CHOUGRANI Youcef(Last connection: 16/01/2008 09:21:45) Home Security management Outbreak Reports Administration Change Password

Restore outbreak Delete outbreak Outbreak research **New outbreak**

Animal Disease Notification System
(version 0.1)
Welcome CHOUGRANI Youcef



2. Create Outbreak (FORM1)

- Complete a “New Outbreak” Form
 - Fill mandatory fields(* symbol).
 - Fill optional fields.

New outbreak

Dispatch date time * :	<input type="text" value="16/01/2008 02:18"/>	Outbreak type * :	<input type="text" value="PRIMARY"/>
Country * :	<input type="text" value="BELGIUM"/>	Affected region * :	<input type="text" value="Select one"/>
Disease * :	<input type="text" value="Select one"/>	Type/Subtype :	<input type="text" value="Select one"/>
Reference number * :	<input type="text" value="2008"/> / <input type="text"/>		

General information

Dates and animals

Free text

Related region

Control measure :	<input type="text" value="Select one"/>
	New measure
Disease origin :	<input type="text" value="Select one"/>
Related outbreak:	<input type="text"/> / <input type="text"/>

Location		x°	y'	z''
Latitude	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Longitude	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

* Mandatory data

Save



2. Create Outbreak(FORM1)

- Complete a “New Outbreak” Form
 - General information tab.

New outbreak

Dispatch date time *: 16/01/2008 02:18 Outbreak type *: PRIMARY ▾

Country *: BELGIUM ▾ Affected region *: 00230 REGION BRUXELLES-CAP ▾

Disease *: 09 B.T. (BLUETONGUE) ▾

Reference number *: 2008 /

Type/Subtype: Select one ▾

General information Dates and animals Free text Related region

Control measure : AREA VAC ▾
PRT SALV + ▾
[New measure](#)

Disease origin : Select one ▾

Related outbreak: /

Location		x°	y'	z"
Latitude	<input type="text"/> ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
Longitude	<input type="text"/> ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>

* Mandatory data

Save



2. Create Outbreak(FORM1)

General information | **Dates and animals** | Free text | Related region

Disease's Evolution Validation rules

Evolution type	Code		-	+	
Suspicion date	130	<input type="text"/>	-	+	
Date of confirmation *	140	16/01/2008	-	+	
Date of first infection	150	<input type="text"/>	-	+	
Date culling of animals is finalised	160	<input type="text"/>	-	+	
Date destruction of animals is finalised	170	<input type="text"/>	-	+	

Number of animals

Status	Code	Cattle	Goats	Sheep	Wild Species
All susceptible animals	13 (X)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of affected animals	14 (X)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of dead animals	15 (X)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of killed animals	16 (X)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of destroyed animals	17 (X)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		0	0	0	0



2. Create Outbreak(FORM1)

General information Dates and animals **Free text** Related region

Style Format Police Arial Taille

This is just a fiction for the test|

* Mandatory data

Save



2. Create Outbreak(FORM1)

- Complete a “New Outbreak” Form
 - Related region tab.

General information | Dates and animals | Free text | **Related region**

Country : Region :

00210 BRABANT FLAMAND
00220 BRABANT WALLON
00400 EAST FLANDERS
00500 HAINAUT

Use ctrl or shift key to select more than one region

Country	Region	Delete
BELGIUM	BRABANT FLAMAND	



2. Create Outbreak(FORM1)

- Validate a “New Outbreak” form by clicking on the save button.
- The system checks and controls the matching field with the validation business rule.
 - A. In case of error the system indicates what is wrong and invites the user to correct its mistake.
 - B. If all fields are correct the system will validate and confirm this “New Outbreak” by:
 - a. Displaying a message
 - b. Dispatching this “New Outbreak” to member states.



2. Create Outbreak(FORM1)

- B. If all fields are correct the system will validate and confirm this “New Outbreak” by :
- Displaying a message confirming the success of operation.
 - Dispatching this new outbreak declaration to the Member States.

Outbreak created

Outbreak created with reference 2008 / 01



2. Create Outbreak(FORM1)

b. Dispatching this new outbreak declaration to member states.

Coded version e-mail

Subject: Primary disease notification '09 BLUETONGUE' in BELGIUM

```
<C>101<V>16012008  
<C>102<V>1418  
<C>103<V>05  
<C>104<V>09  
<C>110<V>2008/01  
<C>112<V>00230  
<C>115<V>05/00210  
<C>117<V>1  
<C>120<V>23  
<C>121<V>42  
<C>140<V>16012008  
<C>999<V>
```

This is just a fiction for the test



2. Create Outbreak(FORM1)

b. Dispatching this new outbreak declaration to member states.

Decoded version e-mail

Subject: Primary disease notification '09 BLUETONGUE' in BELGIUM

```
Control measures 1 : 23  
Control measures 10 : 42  
Country of origin : 05  
Date of confirmation of disease on holding (day/month/year) : 16012008  
Date of dispatch(day/month/year) : 16012008  
Disease : 09  
End of coded section :
```

This is just a fiction for the test

```
If restrictions affect another country/region specify that country/region : 05/00210  
Region affected : 00230  
Serial number of outbreak (year/number) : 2008/01  
Time of dispatch(24-hour clock) : 1418  
Type of outbreak (primary '1' or secondary '2') : 1
```



ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- 2. Create Outbreak(FORM1).
- **3. Update Outbreak(FORM2).**
- 4. Delete Outbreak(s).
- 5. Restore Outbreak(s).
- 6. Business Object Report (FORM4).
- 7. Weekly Notification (FORM4).
- 8. Administration.



3. Update Outbreak(FORM2)

- By Manager.
- By Processing received e-mail every 30min
- It lets you update a declared outbreak and dispatch this modified declaration to member states.



3. Update Outbreak(FORM2)

- Select “Outbreak research” SubMenu
- Select outbreak to update from search engine outbreak (Presented before).
- Modify a “Update Outbreak” Form
 - Fill mandatory fields.
 - Fill optional fields.
- Validate a “Update Outbreak” Form
- Displaying the result and dispatching this
- “Update Outbreak”



3. Update Outbreak (FORM2)

- Select "Outbreak research" SubMenu

Go to another application Help Language About Log out

DEVELOPMENT

CHOUGRANI Youcef (Last connection: 15/01/2008 16:09:38) Home Security management Outbreak Reports Administration Change Password

Restore outbreak Delete outbreak **Outbreak research** New outbreak

Animal Disease Notification System
(version 0.1)
Welcome CHOUGRANI Youcef



3. Update Outbreak (FORM2)

- Complete a “Update Outbreak” Form
 - Modify mandatory fields(* symbol).
 - Fill or modify optional fields.

Reference number *: 2006 / 173

General information | Dates and animals | Free text

Control measure: MOVE CONTRL | MOVE TRACNG | OTHER | [New measure](#)

Disease origin: Unknown - investigation continuing

Related outbreak: /

* Mandatory data

Reference number *: 2006 / 173

General information | Dates and animals | Free text | Related outbreak

Control measure: MOVE CONTRL | MOVE TRACNG | Select one | [New measure](#)

Disease origin: Propagated by transport vehicle

Related outbreak: /

Lat
Lon



3. Update Outbreak(FORM2)

- Validate a “Update Outbreak” form by clicking on the save button.
- The system checks and controls the matching field with the validation business rule.
 - A. In case of error the system indicates what is wrong and invites the user to correct its mistake.
 - B. If all fields are correct the system will validate and confirm this “Update Outbreak” by :
 - a. Displaying a message
 - b. Dispatching this “Update Outbreak” to member states.



3. Update Outbreak (FORM2)

- B. If all fields are correct the system will validate and confirm this “New Outbreak” by :
- Displaying a message confirming the success of operation.
 - Dispatching this new outbreak declaration to member states.

Outbreak 2006 / 173 updated



3. Update Outbreak (FORM2)

b. Dispatching this updated outbreak declaration to Member states.

Decoded version e-mail

Subject: Modification of Primary disease '09 BLUETONGUE' in NETHERLANDS

```
Control measures 1 : 50
Control measures 10 : 51
Country of origin : 04
Date of confirmation of disease on holding (day/month/year) : 10102006
Date of dispatch(day/month/year) : 10102006
Date of suspicion of disease on holding (day/month/year) : 07102006
Disease : 09
End of coded section :
```

Vector control measure

```
If restrictions affect another country/region specify that
country/region : 04/00800,04/01800,04/01100,04/01500,04/00500,04/00400,
Latitude : 50.8313888889
Longitude : 5.86472222222
Number of animals clinically affected on holding cattle : 2
Number of susceptible animals on holding cattle : 111
Origin of disease : 08
Region affected : 02000
Serial number of outbreak (year/number) : 2006/173
Time of dispatch(24-hour clock) : 1504
Type of outbreak (primary '1' or secondary '2') : 1
```





ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- 2. Create Outbreak(FORM1).
- 3. Update Outbreak(FORM2).
- 4. **Delete Outbreak(s).**
- 5. Restore Outbreak(s).
- 6. Business Object Report (FORM4).
- 7. Weekly Notification (FORM4).
- 8. Administration.



4. Delete Outbreak(s)

- Select the Delete Outbreak SubMenu

- Select a search criteria

- Select outbreak(s), then click on the delete button

- Displaying the result and updating the outbreak list



Select Delete Outbreak SubMenu

The screenshot shows a web application interface with a blue header bar containing the text "DEVELOPMENT". Below the header, there is a navigation bar with the text "Welcome CHOUGRANI Youcef" and several menu items: "Home", "Outbreak", "Reports", "Administration", and "Change Password". A secondary navigation bar contains "Restore outbreak", "Delete outbreak", "Outbreak research", and "New outbreak". A yellow callout box with a hand icon pointing to the "Delete outbreak" link contains the text: "Select 'Delete outbreak' submenu from the Outbreak menu ...". Below this, the "Delete outbreak" form is visible, featuring dropdown menus for "Region" and "Old affected region", and input fields for "Reference number" (with "from" and "to" labels), and "Period" (with "from" and "to" labels). "Clear" and "Search" buttons are located at the bottom right of the form.



Select Search Criteria

Help Language About Log out

DEVELOPMENT

Welcome CHOUGRANI Youcef Home Outbreak Reports Administration Change Password

Restore outbreak **Delete outbreak** Outbreak research New outbreak

Delete outbreak

Country : BELGIUM **Affected region :** Select one **Old affected region :** Select one

Disease : 01 F.M.D. (F. M. D. (Foot and mouth disease)) **Reference number :** /

Reference number from : / **to :** /

Period : / **to :** /

Select the criteria for your search ...



Select outbreak(s) then click on delete button

Reference number from: / to /
Period:  to 

Select the outbreak that you want to delete

8 outbreaks found

Country	Affected region	Disease	Reference number	Confirmation date	Delete
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 26	21/11/2007	<input checked="" type="checkbox"/>
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 31	21/11/2007	<input checked="" type="checkbox"/>
BELGIUM	00210 BRABANT FLAMAND	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 32	28/11/2007	<input checked="" type="checkbox"/>
BELGIUM	00700 LIMBURG	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 34	22/11/2007	<input type="checkbox"/>
BELGIUM	00210 BRABANT FLAMAND	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 35	28/11/2007	<input type="checkbox"/>
BELGIUM	00400 EAST FLANDERS	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 36	28/11/2007	<input type="checkbox"/>
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 37	26/11/2007	<input type="checkbox"/>
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 38	10/12/2007	<input type="checkbox"/>



Displaying the result and updating the outbreak list

- Outbreak reference 2007/26 for disease 01 in BELGIUM deleted
- Outbreak reference 2007/31 for disease 01 in BELGIUM deleted
- Outbreak reference 2007/32 for disease 01 in BELGIUM deleted
- Outbreak reference 2007/34 for disease 01 in BELGIUM deleted

Country: Affected region: Old affected region:

Disease: Reference number: /

Reference number from: / to: /

Period: to:

Clear

Search

Delete

It remains only 4 outbreaks in the list .

4 outbreaks found

Country	Affected region	Disease	Reference number	Confirmation date	Delete
BELGIUM	00210 BRABANT FLAMAND	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 35	28/11/2007	<input type="checkbox"/>



ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- 2. Create Outbreak(FORM1).
- 3. Update Outbreak(FORM2).
- 4. Delete Outbreak(s).
- **5. Restore Outbreak(s).**
- 6. Business Object Report (FORM4).
- 7. Weekly Notification (FORM4).
- 8. Administration.



5. Restore Outbreak(s)

- Select Search Criteria
- Select outbreak(s) then click on restore button
- Displaying the result and updating the outbreak list



Select Search Criteria

Help Language About Log out

DEVELOPMENT

Welcome CHOUGRANI Youcef Home Outbreak Reports Administration Change Password

Restore outbreak

Country :	<input type="text" value="BELGIUM"/>	Affected region :	<input type="text" value="Select one"/>	Old affected region :	<input type="text" value="Select one"/>
Disease :	<input type="text" value="01 F.M.D. (F. M. D. (Foot and mouth disease))"/>			Reference number :	<input type="text" value=""/> / <input type="text" value=""/>
Reference number from :	<input type="text" value=""/> / <input type="text" value=""/>	to	<input type="text" value=""/> / <input type="text" value=""/>		
Period :	<input type="text" value=""/>	to	<input type="text" value=""/>		

Select the criteria for your search ...



Select outbreak(s) then click on restore button

Restore outbreak

Country : Affected region : Old affected region :

Disease : Reference number : /

Reference number from : / to /

Period : to

Select the outbreak that you want to restore

4 outbreaks found

Country	Affected region	Disease	Reference number	Confirmation date	Restore
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 26	21/11/2007	<input type="checkbox"/>
BELGIUM	00220 BRABANT WALLON	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 31	21/11/2007	<input checked="" type="checkbox"/>
BELGIUM	00210 BRABANT FLAMAND	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 32	28/11/2007	<input checked="" type="checkbox"/>
BELGIUM	00700 LIMBURG	01 F.M.D. (F. M. D. (Foot and mouth disease))	2007 / 34	22/11/2007	<input type="checkbox"/>



Displaying result and update the outbreak list

Help Language About Log out

DEVELOPMENT

Welcome CHOUGRANI Youcef Home Outbreak Reports Administration Change Password

- Outbreak reference 2007/31 for disease 01 in BELGIUM restored
- Outbreak reference 2007/32 for disease 01 in BELGIUM restored

Restore outbreak

The system has restored 2 outbreaks .

Location : Old affected region :

Disease : Reference number : /

Reference number from : / to /

Period : to



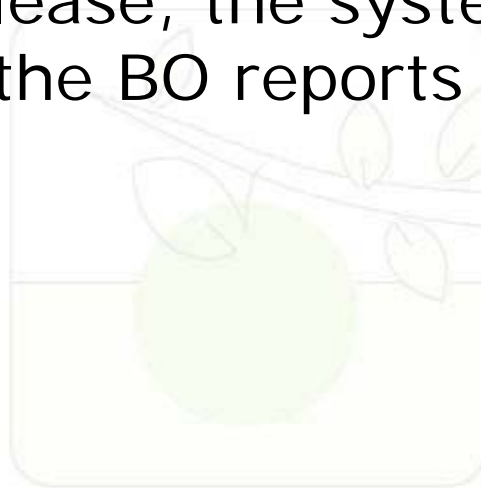
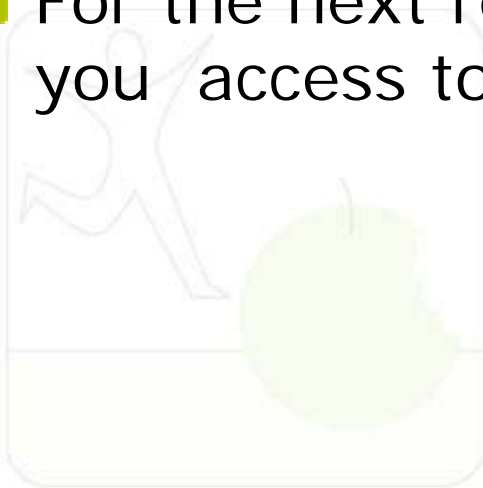
ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- 2. Create Outbreak(FORM1).
- 3. Update Outbreak(FORM2).
- 4. Delete Outbreak(s).
- 5. Restore Outbreak(s).
- **6. Business Object Report (FORM4).**
- 7. Weekly Notification (FORM4).
- 8. Administration.



6 . Business Object Report (FORM4)

- For the next release, the system will enable you access to the BO reports .





ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
- 2. Create Outbreak(FORM1).
- 3. Update Outbreak(FORM2).
- 4. Delete Outbreak(s).
- 5. Restore Outbreak(s).
- 6. Business Object Report (FORM4).
- **7. Weekly Notification (FORM4).**
- 8. Administration.



7 . Weekly Notification

- 1. The system sends a weekly overview report to the subscriber in the following format :

Subject: ADNS/SANCO/Year : 2008/ Week : 4

```
*****  
From DG HCP (SANCO) E-2  
ADNS FORM4  
*****  
  
COMMISSION REFERENCE NUMBER : DG HCP (SANCO) / E2 / ADN4 / 22/01/2008/4  
-----  
-----  
401 : 22/01/2008  
402 : 14:01  
403 : 04  
404 : 09  
405 : 14/01/2008 11:06:07 to 22/01/2008 02:41:27  
406 : : 1 : 1 :  
407 : 01200 : 0 : 1 :  
407 : 01800 : 1 : 0 :  
4410: 24 : 1 : 1 : 1 : 13 :  
4430: 26 : 1 : 1 : 1 : 15 :
```



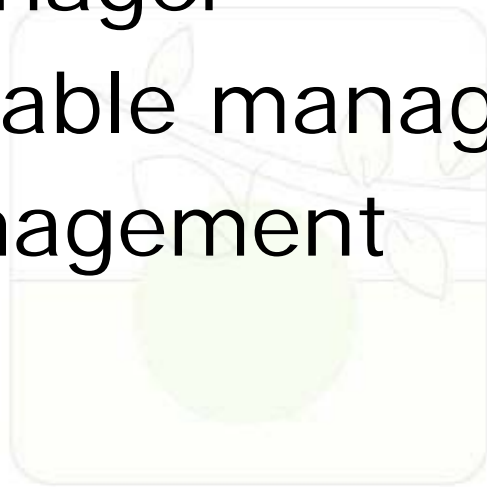
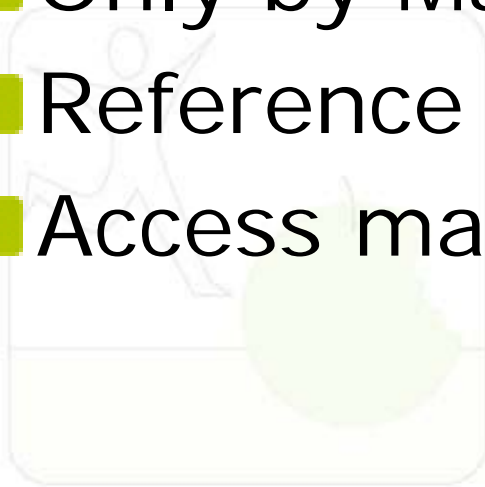
ADNS Functionality – Break Down

- 1. Search Engine Outbreak(FORM2).
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- 5. Restore Outbreak(s).
- 6. Business Object Report (FORM4).
- 7. Weekly Notification (FORM4).
- 8. **Administration.**



8 . Administration

- Only by Manager
- Reference table management
- Access management





ADNS new options

- Deleting several outbreaks in one operation
- Restoring several deleted outbreaks
- Adding GPS code
- Receiving decoded Email
- Web services



ADNS new options

Adding GPS code

- Format proposed:
 - **XY (Longitude, Latitude) in WGS84, decimal degrees**
- Receiving decoded Email
 - For those who would like this
- Web services



ADNS planning

- Release 1 : 02/2008
- Release 2 : 03/2008
- Release 3 : 05/2008





ADNS planning

