

Consultation for the points of contact meeting
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Which system best meets the requirements of the UNECE IAN System?

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This study has been requested from the Italian Ministry of Interior

STUDY STRUCTURE

- Objectives of UNECE IAN System
- Decisions on the Use of the Notification System
- The 3 Notification Web Systems
- Notification Scheme & Key Actions
- Comparison
- Conclusions

Emergency Reporting and Notification Harmonization Initiative

- Joint UNEP/OCHA Environment Unit ('Joint Unit')
- "The Secretariat" for the Convention on the Transboundary Effects of Industrial Accidents in the UN Economic Commission for Europe Environment and Human Settlements Division
- the European Commission Civil Protection Unit ('Civil Protection Unit')

UNECE IAN objective

The UNECE Industrial Accident Notification (UNECE IAN) is a System for **notifying**, at the **national level**, a major accident, which causes or is capable of causing transboundary effects or an imminent threat thereof.

Source >>Background Paper for June 21, 2004 Informal Harmonization Meeting

IAN SYSTEM legal instrument

Shall provide for the **establishment** and **operation** of **compatible** and **efficient** industrial accident **notification systems**, at **appropriate levels**, with the aim of **obtaining and transmitting** industrial accident notifications containing information needed to counteract transboundary effects

Source >>Background Paper for June 21, 2004 Informal Harmonization Meeting

DECISIONS ON THE USE OF THE NOTIFICATION SYSTEM

(b) Transmit the reports by facsimile and/or e-mail and acknowledge receipt by facsimile or telephone, using preferably English or one of the two other official UNECE languages,

(c) Address the early-warning and information reports, as appropriate, to UNECE member countries having an interest in the accident, whether affected or not, and to the UNECE secretariat

Source >>Background Paper for June 21, 2004 Informal Harmonization Meeting

UNECE IAN SYSTEM

- 3 Forms has been accepted

UNECE EARLY WARNING REPORT →

Annex I
UNECE CONVENTION ON THE TRANSBOUNDARY EFFECTS OF INDUSTRIAL ACCIDENTS

URGENT
UNECE Early-Warning Report - Serial number: _____

Date/Time: ____/____/____ UTC ____ Local ____ Page (incl. front page): _____
 From Country of emergency: _____ To (Name/Unit/MC/Point of contact): _____
 Name/Position: _____ Fax: _____
 Fax Tel: _____ E-mail: _____
 E-mail: _____

Names of emergency/accident:

Accident: _____ Type of accident: _____ Attack with _____ Natural disaster: _____
 Chemical _____ Fire _____ Explosives _____ Earthquake _____
 Mining spillage _____ Explosion _____ Chemical agents _____ Flood _____
 Transportation _____ Release into water _____ Bio agents _____ Landslide/Avalanche _____
 Marine pollution _____ Release into air _____ Radioactive agents _____ Forest fire _____

001	Date accident		UTC	Local	
002	Year accident				
Location					
011	Country/Territory/Area				
012	Latitude		degrees/minutes	North/South	
013	Longitude		degrees/minutes	East/West	
Overflow/threat(s)					
021	Programme				
022	Substance/chemical formula or name		toxic/irritant/Flammable/Explosive/Other	Amount contained	
031	Measurements				
Weather conditions					
041	Wind direction (from)		Direction	Short description of accident and immediate effects	
042	Wind speed		km/h		
043	Temperature		degrees Celsius		
044	Cloudy sky (%)		00/25/50/75/100		
045	Humidity (degrees)				
Emergency and mitigation measures already taken					
051	Evacuation		km radius		
052	Sheltering		km radius		
053	Others				
Other information					
061	The status of this report was valid at (Date) ____/____/____ UTC			The receipt of this report should be acknowledged promptly by fax or e-mail	

← UNECE INFORMATION REPORT

Annex II
UNECE CONVENTION ON THE TRANSBOUNDARY EFFECTS OF INDUSTRIAL ACCIDENTS

URGENT
UNECE Information Report - Serial number: _____

Date/Time: ____/____/____ UTC ____ Local ____ Page (incl. front page): _____
 From Country of emergency: _____ To (Name/Unit/MC/Point of contact): _____
 Name/Position: _____ Fax: _____
 Fax Tel: _____ E-mail: _____
 E-mail: _____

Names of emergency/accident:

Accident: _____ Type of accident: _____ Attack with _____ Natural disaster: _____
 Chemical _____ Fire _____ Explosives _____ Earthquake _____
 Mining spillage _____ Explosion _____ Chemical agents _____ Flood _____
 Transportation _____ Release into water _____ Bio agents _____ Landslide/Avalanche _____
 Marine pollution _____ Release into air _____ Radioactive agents _____ Forest fire _____

001	Date accident		UTC	Local	
002	Year accident				
Location					
011	Country/Territory/Area				
012	Latitude		degrees/minutes	North/South	
013	Longitude		degrees/minutes	East/West	
Overflow/threat(s)					
021	Programme				
022	Substance/chemical formula or name		toxic/irritant/Flammable/Explosive/Other	Amount contained	
031	Measurements				
Weather conditions					
041	Wind direction (from)		Direction	Short description of accident and immediate effects	
042	Wind speed		km/h		
043	Temperature		degrees Celsius		
044	Cloudy sky (%)		00/25/50/75/100		
045	Humidity (degrees)				
Emergency and mitigation measures already taken					
051	Evacuation		km radius		
052	Sheltering		km radius		
053	Others				
Other information					
061	The status of this report was valid at (Date) ____/____/____ UTC			The receipt of this report should be acknowledged promptly by fax or e-mail	

UNECE ASSISTANCE REQUEST REPORT →

Annex III
THE JOINT UNEP/OCHA ENVIRONMENT UNIT
EUROPEAN COMMISSION CIVIL PROTECTION CO-OPERATION MECHANISM
UNECE CONVENTION ON THE TRANSBOUNDARY EFFECTS OF INDUSTRIAL ACCIDENTS

URGENT
Assistance Request Report - Serial number: _____

Date/Time: ____/____/____ UTC ____ Local ____ Page (incl. front page): _____
 From Country of emergency: _____ To (Name/Unit/MC/Point of contact): _____
 Name/Position: _____ Fax: _____
 Fax Tel: _____ E-mail: _____
 E-mail: _____

Names of emergency/accident:

Accident: _____ Type of accident: _____ Attack with _____ Natural disaster: _____
 Chemical _____ Fire _____ Explosives _____ Earthquake _____
 Mining spillage _____ Explosion _____ Chemical agents _____ Flood _____
 Transportation _____ Release into water _____ Bio agents _____ Landslide/Avalanche _____
 Marine pollution _____ Release into air _____ Radioactive agents _____ Forest fire _____

001	Date emergency/accident		UTC	Local	
002	Year emergency/accident				
Location					
011	Country/Territory/Area				
012	Latitude		degrees/minutes	North/South	
013	Longitude		degrees/minutes	East/West	
Request for assistance					
021	On-site assessment/inspection				
022	Response teams/Equipment		Fire _____ Hazard _____ Search and Rescue _____ Disaster medicine _____	Others _____	
023	Communication assistance				
024	Sampling and analysis				
025	Clear up/neutralisation				
Where and how (ability of assistance)					
031	From assistance				
032	How assistance/delivery				
033	Contact person				
Legislation					
034	What law refers		Short description of emergency and immediate effects		
Emergency and mitigation measures already taken					
051	Evacuation		km radius		
052	Sheltering		km radius		
053	Others				
Other information					
061	The status of this report was valid at (Date) ____/____/____ UTC			The receipt of this report should be acknowledged promptly by fax or e-mail	

WEB SYSTEMS

- **CECIS** (MIC inside the THE COMMUNITY CIVIL PROTECTION MECHANISM)
- **UNEP/OCHA/UNECE-WEB** (Joint UNEP/OCHA Environment Unit and UNECE secretariat)
- **INFRA-WEB** (Ministry of Transport, Public Works and Water Management - RIZA, Netherlands)

CECIS

8.1.8 Emergency detail screen

 confidential' and 'Not to be forwarded to third parties before : <not specified> UTC' are displayed. The browser status bar at the bottom shows 'CECIS - Craig Stapleton - Operational Mode' and 'Internet'."/>

CECIS - Craig Stapleton - Microsoft Internet Explorer

CECIS

Emergencies menu screen > return screen > detail screen

< Back	Message ID	Emergency ID	Main Effects	Site Desc.	Pollutant Desc.	Status	Actions
Emergency ID :		20040913_153702_119_SternInTheHighlands					
Name :		Stern in the Highlands					
Place :		UNITED KINGDOM					
Communicated by							
Name :		Craig Stapleton					
Institution :		British Civil Protection					
Country :		UNITED KINGDOM					
Communicated on							
Date & time of occurrence :		2004/09/13 15:39:08					
Communicated to							
Countries :		<input type="text" value="All Countries"/>					
Classes :		<input type="text"/>					
Persons to contact :		<input type="text"/>					
Communicated as :		Information transmission					
This information is :		<input checked="" type="checkbox"/> confidential					
Not to be forwarded to third parties before :		<not specified> UTC					

CECIS - Craig Stapleton - Operational Mode

Internet

CECIS (main features)

- Under development (prototype not public)
- Large software with several modules designed mainly to organize assistance from UE versus UE and non UE countries
- The notification part is only a small part of the system
- Multiple languages
- Need of large and continuous training
- Very expensive and with proprietary sensible data

UNEP/OCHA/UNECE-WEB (main features)

- Under develop (prototype not public)
- Assess only the 3 UNECE IAN Forms

INFRA-WEB

INFRA-WEB - Microsoft Internet Explorer

File Modifica Visualizza Preferiti Strumenti ?

Indietro Cerca Preferiti

Indirizzo <https://www.infra-web.nl/default.aspx> Vai Links

Infra-Web Ministerie van Verkeer en Waterstaat

HOME LOG OUT INCIDENTS MAP COMMUNICATION LINKS REPORTS ADMINISTRATION HELP

 Type of incident: Nautical-incident Name informer: Telephone: Date of incident: 02-08-2005 (water-)way

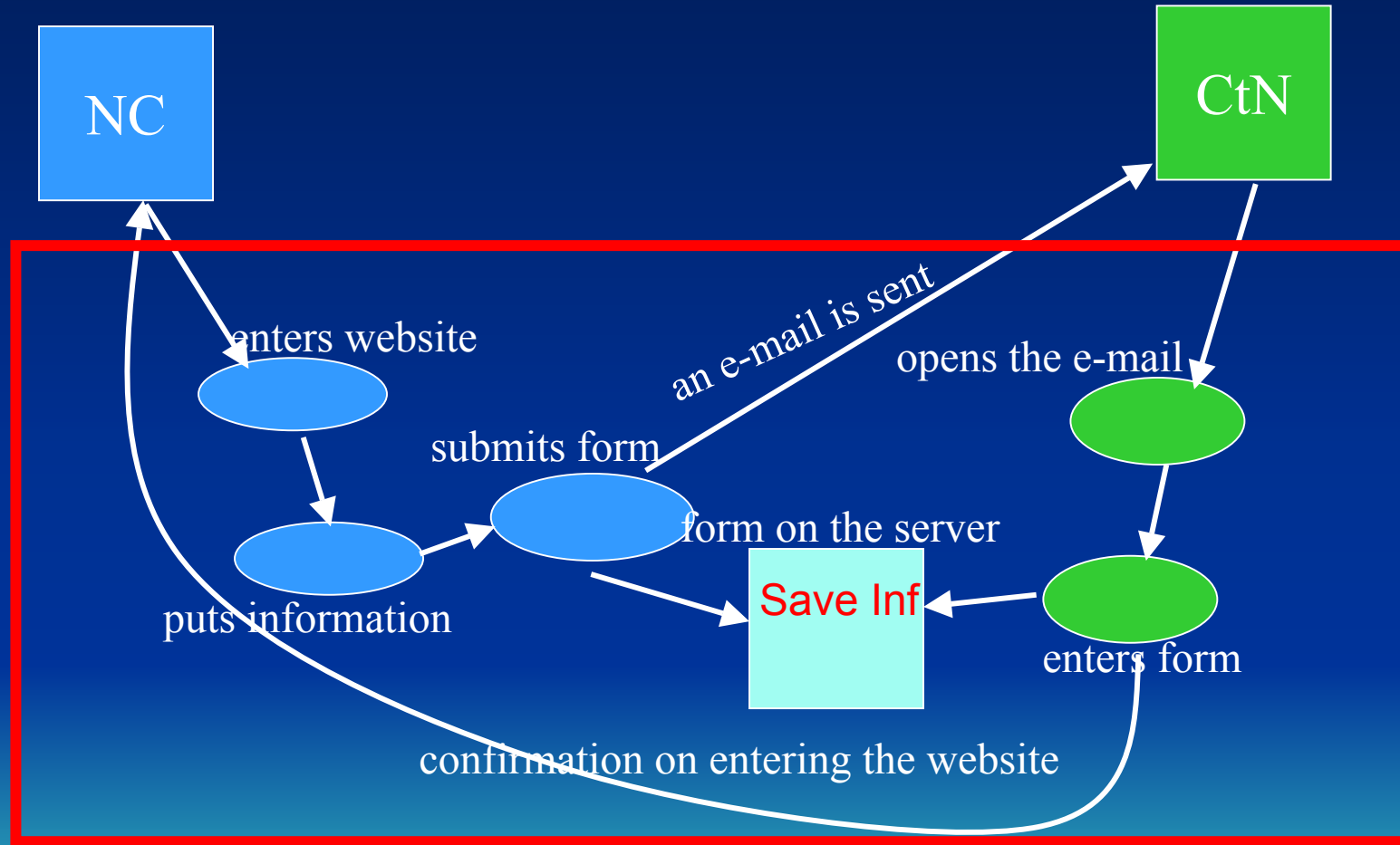
 Type of incident: Height incidents Name informer: Telephone: Date of incident: 02-08-2005 (water-)way

 Type of incident: Aviation incidents Name informer: Telephone: Date of incident: 02-08-2005 (water-)way

Welcome REG-UNECE (UK_Regionale-beheerder) - [UN-ECE] ncidents

Internet

NOTIFICATION SCHEME



WEB SYSTEM

KEY ACTIONS

- PUTS INFORMATIONS
- SUBMITS FORM
- CONFIRMATION
- SAVE INFORMATIONS

PUTS INFORMATIONS

- **CECIS**
 - Several pages have to be compiled
- **UNEP/OCHA/UNECE-WEB**
 - Only a page have to be compiled
- **INFRA-WEB**
 - Only a page have to be compiled (the page have to be choose from a list)

SUBMITS FORM

- **CECIS**
 - Manual (means that you have to open another part of program or function)
- **UNEP/OCHA/UNECE-WEB**
 - Automatic at the end of compilation
- **INFRA-WEB**
 - Manual (the user have to use a specific function)

CONFIRMATION

- **CECIS**
 - Manual (dedicated part of the system)
- **UNEP/OCHA/UNECE-WEB**
 - Automatic when the NC open the form
- **INFRA-WEB**
 - Manual (the NC have to respond/replay)

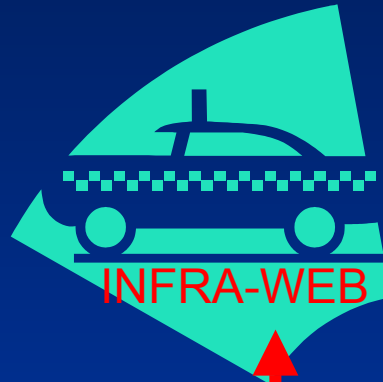
SAVE INFORMATIONS

- **CECIS**
 - Automatic plus log file
- **UNEP/OCHA/UNECE-WEB**
 - Automatic
- **INFRA-WEB**
 - Automatic plus log file

WEB SYSTEM

- **CECIS**
 - Large system with different section (need of large training), not open (some data are not public)
- **INFRA-WEB**
 - Medium system (need some training) public.
- **UNEP/OCHA/UNECE-WEB**
 - Simple system public

ESSENZIAL CONCLUSIONS



USE:

**NOTIFICATION IAN FORM AND
REGISTRATION COMMUNICATION
AND HANDLING INCIDENTS**

ONLY NOTIFICATION IAN FORMS

THANKS!

