

Notification under UNECE  
Convention on transboundary  
effects of industrial accidents.  
Romanian experience.

General Inspectorate for Emergency Situations

# General aspects

- Notification under UNECE Convention cover more or less three main aspects:
  - Notification of authority/ies;
  - Notification of activity/ies;
    - Exchange of information regarding emergency plans;
    - Public information;
  - Notification of industrial accidents with transboundary effects.

# Competent authorities in Romania

## ■ National level

- **MINISTRY OF ENVIRONMENT AND WATERS MANAGEMENT, Risk Secretariat, Address: B - dul Libertatii, nr. 12, Sector 5, Bucuresti, 040129, Tel (country/area code): +40 21 3160421; +40 21 3160251 – 2203, Fax: +40 21 3160421, E-mail: [rcadariu@mappm.ro](mailto:rcadariu@mappm.ro); [rcadariu@yahoo.ie](mailto:rcadariu@yahoo.ie)**
- **MINISTRY OF ADMINISTRATION AND INTERIOR, General Inspectorate for Emergency Situations, Address: 46 Banu Dumitrache street, sector 2, Bucharest, CPO 023765, Tel (country/area code): +40 21 2420378; +40 21 2086150 ext. 27344, Fax: +40 21 2420990, E-mail: [igsu@mai.gov.ro](mailto:igsu@mai.gov.ro), [senzacof@mai.gov.ro](mailto:senzacof@mai.gov.ro)**

## ■ County level

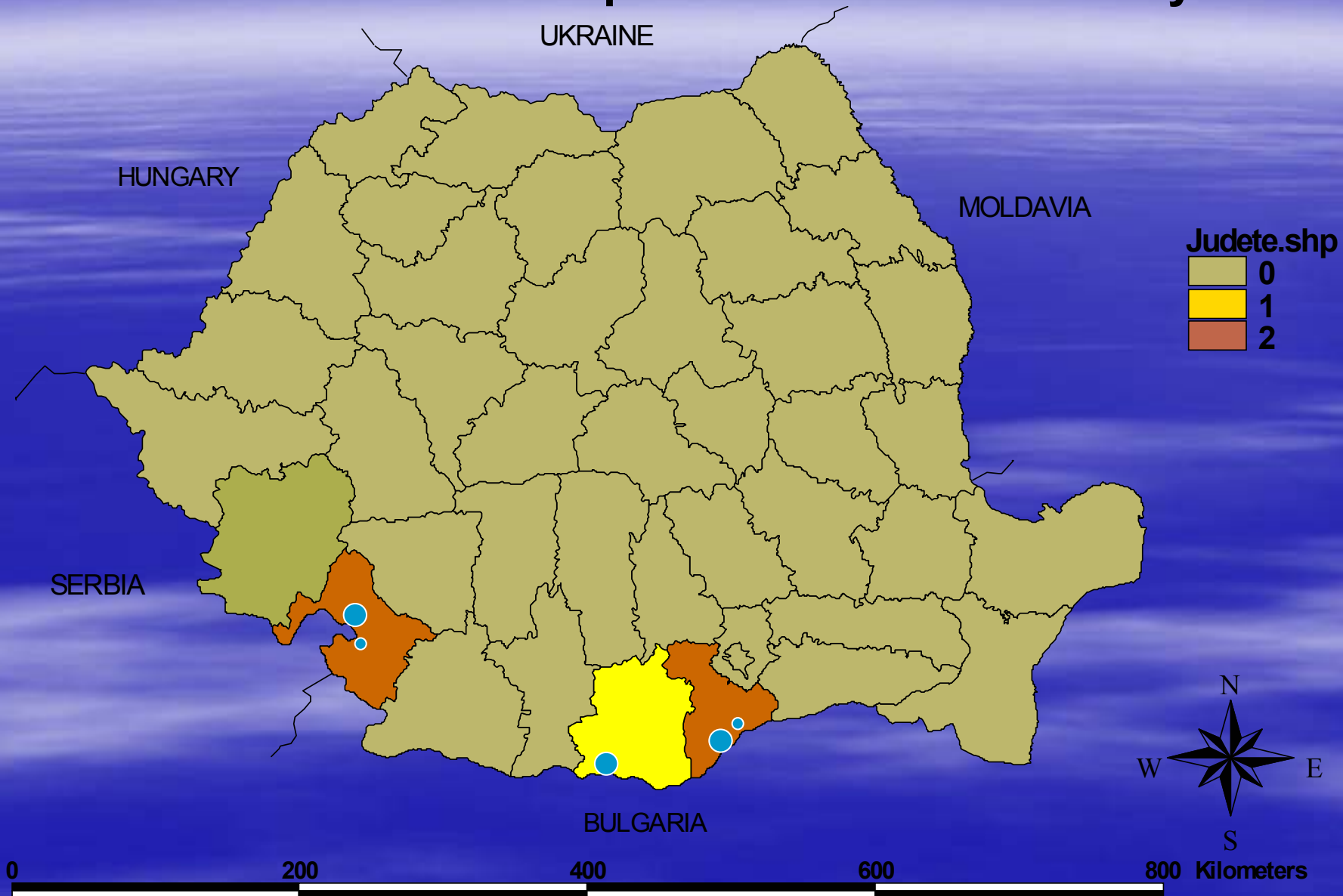
- County Inspectorate for Emergency Situations

# Operators under UNECE Convention

Hazardous activity	Address or Geographical location	Type of activity or Named substances / categories of substances for which the qualifying criteria of annex I of the Convention are fulfilled
RAAN - Suc. ROMAG PROD	Mehedinti county, Drobeta Turnu Severin	Dangerous substances deposit - Hydrogen Sulfide - Sulphuric Acid - Hydrogen Chloride - Propane - Sodium Hydroxide
S.C. FONTEGAS ROCCADASPIDE S.R.L	Mehedinti county, Simian	LPG storage and trade
S.C. CRIMBO GAS	Giurgiu county, Giurgiu	LPG storage and packaging
S.C. AZOCHIM S.R.L.	Giurgiu county, Fratesti	Ammonium nitrate, fertilizer
SC DONAU CHEM SRL	Teleorman county, Turnu Magurele	Ammonia and Nitric Acid production/storage



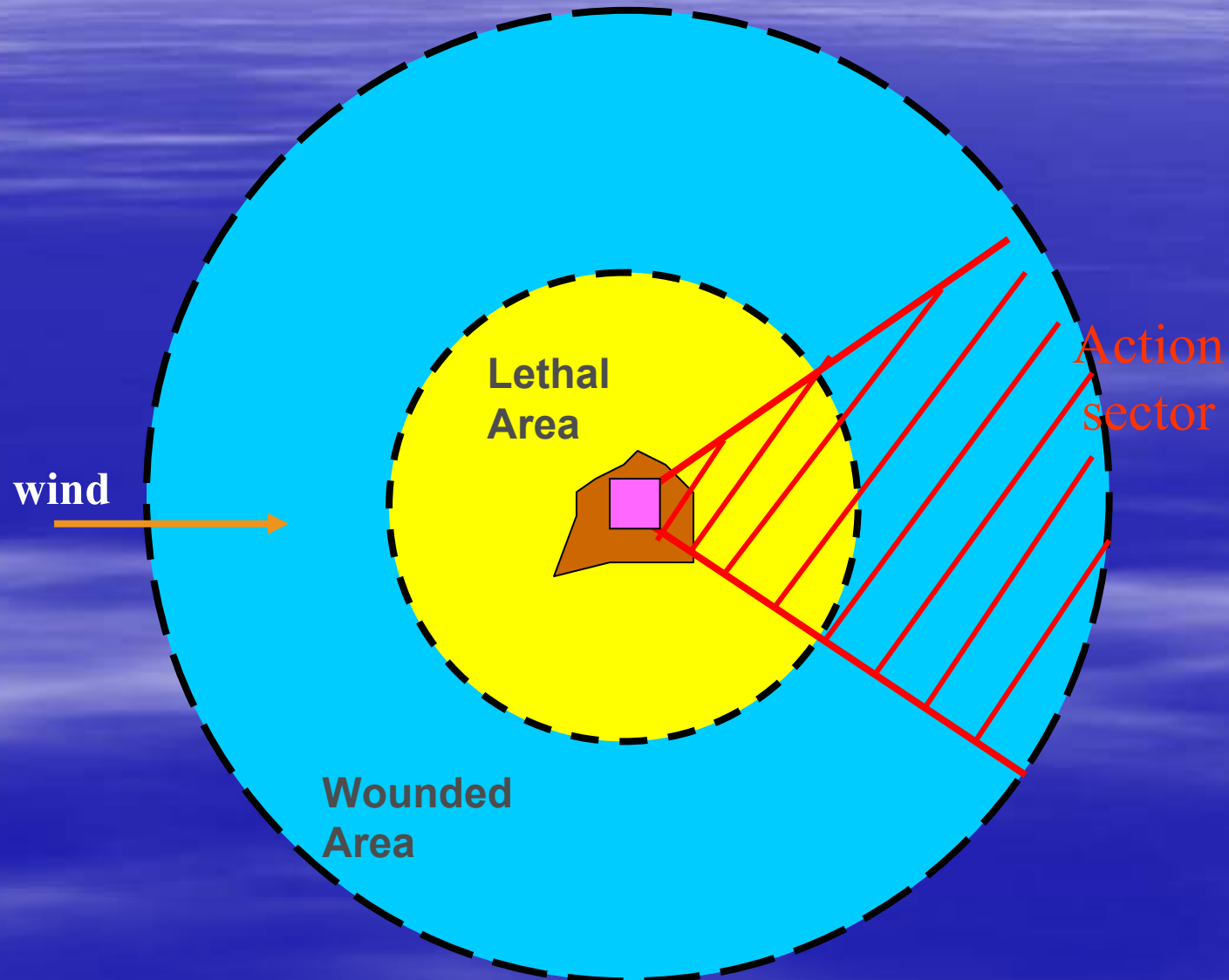
# Distribution of the romanian operators with transboundary effects



# Characteristic parameters for defining the emergency planning areas

Types of danger	Scenario	Lethal area	Wounded Area	Attention Area
Toxic dispersion	Release in the air	LC50	IDLH	2 x WA
	Release in water	LC50 aqv.	-	MAC
Fire	Fire ball	Fire ball radius	200 kJ/m <sup>2</sup>	2 x WA
	Jet fire	12,5 kW/m <sup>2</sup>	5 kW/m <sup>2</sup>	2 x WA
	Pool fire	12,5 kW/m <sup>2</sup>	5 kW/m <sup>2</sup>	2 x WA
	Flash fire	LFL	0,5 LFL	2 x WA
	BLEVE	Fire ball radius	200 kJ/m <sup>2</sup>	2 x WA
Explosion	UVCE	0,3 bar	0.07 bar	2 x WA
	CVE	0,3 bar	0.07 bar	2 x WA

# Action areas in case of industrial accident



# Notification and mutual assistance

- The notification and mutual assistance take place under bilateral agreements
- There are bilateral agreements on civil protection matters with Hungary (2003), Bulgaria (1998) and Moldova (2000).
- At local level there are bilateral direct contacts between counties, especially with Hungary and Moldova (experience exchange, seminars, exercises)
- There are under preparation the agreements with Serbia and Ukraine.



**URGENT**

UNECE Early-Warning Report - Serial number: \_\_\_\_\_

Date/Time: \_\_\_\_\_ / \_\_\_\_\_ UTC \_\_\_\_\_ Local \_\_\_\_\_ Pages (incl. cover page): \_\_\_\_\_  
 From/Country of emergency: \_\_\_\_\_ To (Point of contact): \_\_\_\_\_  
 Name/Position: \_\_\_\_\_ Fax : \_\_\_\_\_  
 Fax/Tel: \_\_\_\_\_ E-mail : \_\_\_\_\_  
 E-mail : \_\_\_\_\_

Nature of emergency/accident

- |   |   |   |  |
|---|---|---|--|
| <b>Accident</b>                           | <b>Type of accident</b>                     | <b>Attack with</b>                          | <b>Natural disaster</b>                      |
| Chemical <input type="checkbox"/>         | Fire <input type="checkbox"/>               | Explosives <input type="checkbox"/>         | Earthquake <input type="checkbox"/>          |
| Mining tailings <input type="checkbox"/>  | Explosion <input type="checkbox"/>          | Chemical agents <input type="checkbox"/>    | Flood <input type="checkbox"/>               |
| Transportation <input type="checkbox"/>   | Release into water <input type="checkbox"/> | Bio agents <input type="checkbox"/>         | Landslide/Avalanche <input type="checkbox"/> |
| Marine pollution <input type="checkbox"/> | Release into air <input type="checkbox"/>   | Radioactive agents <input type="checkbox"/> | Forest fire <input type="checkbox"/>         |
| <input type="checkbox"/>                  | <input type="checkbox"/>                    | <input type="checkbox"/>                    | <input type="checkbox"/>                     |

001	Date accident		
002	Time accident	UTC	Local
<b>Location</b>			
011	Country/Town/Area		
012	Latitude	degrees/minutes	North/South
013	Longitude	degrees/minutes	East/West
<b>Outflow/threat(risk)</b>			
021	Prognoses		
022	Measurements		
	<b>Substance/chemical formula or name</b>	Toxic/Ecotoxic/Flammable/Explosive/Other	Amount cum/tons
031			
<b>Weather conditions</b>			Short description of accident and immediate effects
041	Wind direction (from)	Degrees	
042	Wind speed	m/sec.	
043	Temperature	degrees Celsius	
044	Cloudy sky (%)	(0/25/50/75/100)	
045	Rain/snow (no/yes)		
<b>Emergency and mitigation measures already taken</b>			
051	Evacuation	km radius	
052	Sheltering	km radius	
053	Others		
<b>Other information</b>			
061			Receipt of this report should be acknowledged promptly by fax or e-mail
	The status of this report was valid at: (date) _____ / (time) _____ UTC		

# Questions?

