



Cross Border Emergency Management Project

PRESENTATION TO ICLRD/CCBS CONFERENCE

Shared Services, Shared Opportunities Conference - January 2015

Finian Joyce CFO Leitrim

Joan McCaffrey, Emergency Planning Co-ordinator, Western Group of Councils, NI



Presentation

- **Background**
- **Overview of Emergency Management in NI and ROI**
- **Cross Border Emergency Management Working Group**
 - **Aims, Purpose**
 - **Terms of Reference**
 - **Progress achieved**
- **Overview of ICLRD/AIRO Cross Border Mapping Pilot project**
- **Summary / Next steps**

Background - Existing Cooperation

- Individual services meet their counterparts on a regular basis in their own jurisdictions
- Regular single service cross border meetings
- Existing MoU's / Cross Border Agreements
- Some contact between MEM regional groups in Rol
- Limited inter-agency contact between services North and South
- Participation in Major emergency exercises

Background – Recent Developments in Europe

- Increasing trend towards cross border cooperation in fields of policing and emergency planning in Europe
- Mutual aid agreements in place for emergency management between neighbouring regions / countries
- Civil Protection Mechanism
- Emergency Response Coordination Centre (ERCC)
- Establishment of formal European Border Regions



Background – Recent Developments

- Good Friday Agreement 1998 – 6 high level areas of cooperation identified
- CAWT – good example of cross border cooperation
- Driving Change Project
- MEM Framework / Civil Contingencies Framework
- Local Government reform (North and South)
- Shared services
- ‘Bottom up’ cooperation



Driving Change Project



Cross Border Seminar - Nov 2011 (90 delegates)

- Over 50 Fire Service Commanders with operational experience at RTC's
- PSNI /Gardai
- NI and ROI Ambulance Services
- Forensic Services
- Police, Fire & Ambulance Control Room staff (NI & ROI)
- Representatives from other stakeholders



OUTCOME: Development of cross border MOU's for RTCs between fire services

Multi Agency Cross Border Liaison

- CAWT Projects
- Magilligan Ferry ~ Lough Foyle
- Search & Rescue ~ Marble Arch Caves
- Major Events – G8, Fleadh Cheoil etc.




Brief Overview of Emergency Management in Northern Ireland

Legislative Context

- NI Civil Contingencies Framework 2005
- LG 07/06: Departmental Guidance to District Councils in Relation to Emergencies
- Civil Contingencies Act 2004 – Pt 2 only applies in NI. No direction through CCA of local arrangements
- Regional protocols outlining local co-ordination and escalation to regional co-ordination



Office of the
**First Minister and
Deputy First Minister**
www.northern.gov.uk

 HM Government

Emergency Response and Recovery

Non-statutory guidance to complement Emergency Regulations

The Northern Ireland Civil Contingencies Framework

Powers of Local Government

“may make arrangements, or enter into arrangements with others, for-

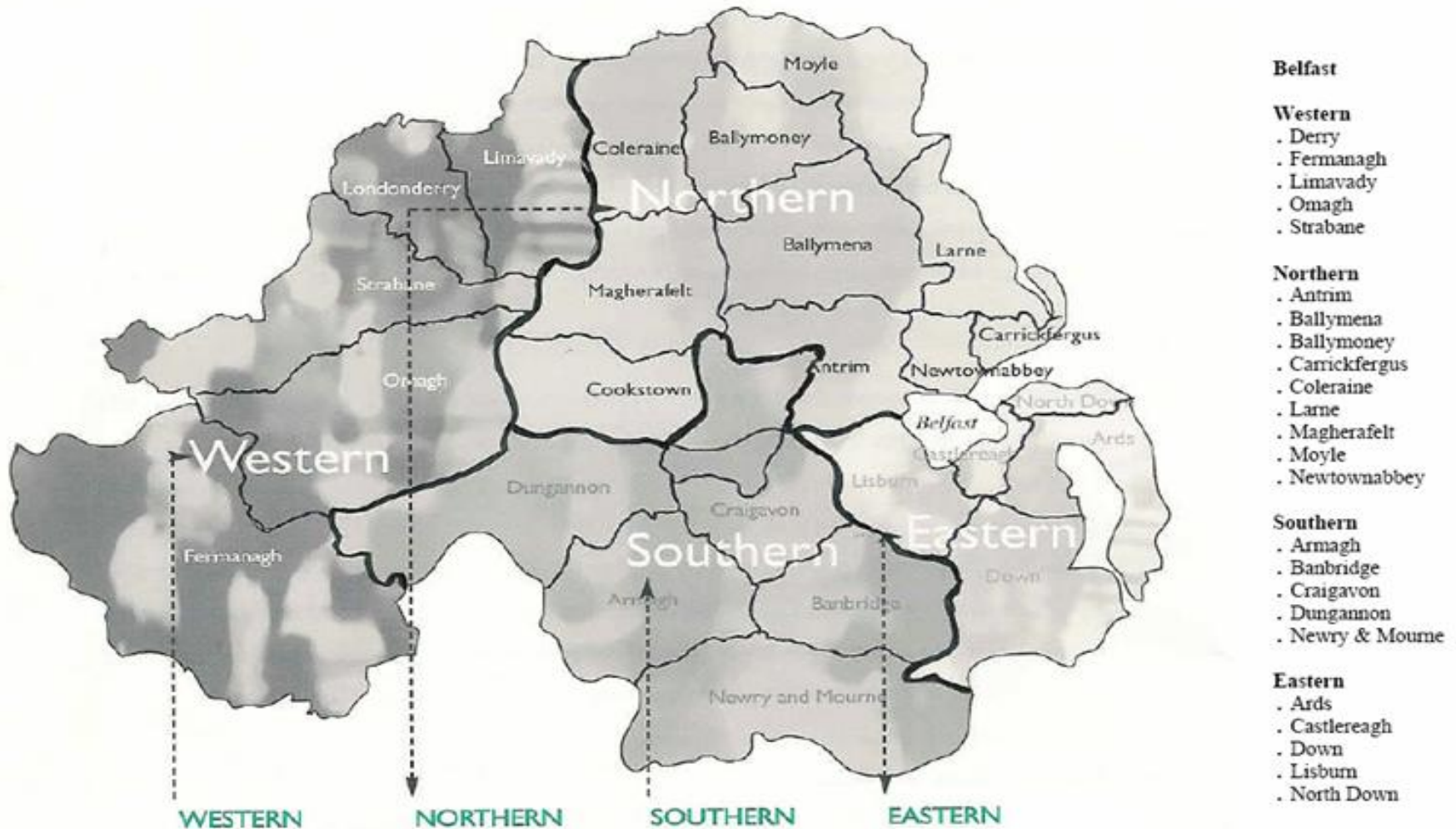
- Preventing the occurrence of an emergency;
- Reducing, controlling or mitigating the effects of any emergency which may occur.”

When an emergency occurs:

- may give effect to any arrangements made: and
- take any other steps appropriate for reducing, controlling or mitigating the effects of the emergency.

26 Council Model

Environmental Health – Northern Ireland



New 11 Council Structures: April 2015

local government districts

Legend

11 new local government districts

- Antrim and Newtownabbey
- Mid and East Antrim
- Armagh, Banbridge and Craigavon
- Belfast
- Causeway Coast and Glens
- Derry and Strabane
- Fermanagh and Omagh
- Mid Ulster
- Newry, Mourne and Down
- North Down and Ards
- Limerick and Castlereagh



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Existing Organisational Structures in NI

- 26 Councils, 1 Police Force, 1 Fire Service, 1 Ambulance Service & 5 Health Trusts
- Southern Grouping:
 - Armagh, Banbridge, Craigavon, Dungannon, Newry & Mourne Council Areas
- Western Grouping:
 - Limavady, Derry, Strabane, Omagh and Fermanagh Council Areas

Proposed EPG (Emergency Preparedness Groups) Boundaries in Northern Ireland



Classification of Scale of Emergencies

- Based on Cabinet Office Guidance
- 4 Levels –
- Local Level
- Level 1: Significant
- Level 2: Serious
- Level 3 : Catastrophic

Emergency Planning Structures in Northern Ireland

Civil Contingencies Multi-agency Preparedness Groups

CCG Civil Contingencies Group (NI)

SCEP

Sub Regional Emergency Preparedness Group (Standing Sub Group of CCG (NI))

Regional Community Resilience Group

Voluntary Organisations Working Group

Regional Implementation & Development Group

WEPG

Western Emergency Preparedness Group

SEPG

BEPG

EEPG

NEPG

Cross Border Emergency Management Working Group
Chair: Local Government (NI)

Flooding & Severe Weather Sub Group
Chair: Rivers Agency & Local Government

Humanitarian Assistance Group
Joint Chair: WHSCT & Local Government

Task & Finish Group
Chair: PSNI & Local Government

Risk Assessment

Sub Regional ECC

CIVIL CONTINGENCIES GROUP (NI) (CCG)

Chair: Head of Civil Service

Remit: Principal strategic emergency preparedness body for public sector
Provision of advice, information and decisions on wider strategic level issues.
Currently has 9 Workstreams
Referral of issues for local level action.

Membership: Senior Representatives from all NI Executive Departments

SCEP: SUB REGIONAL EMERGENCY PREPAREDNESS GROUP (STANDING SUB GROUP OF CCG (NI))

Chair: PSNI (ACC) & Local Government (Chair of LGEMG)

Remit:

- Corporate governance of and co-ordination across the 5 EPGs
- Interface between local and strategic level
- Report on progress with workstreams.
- Referral of issues for consideration across the 5 EPGs.
- Referral of issues for strategic consideration.
- Provision of advice/ information on local level issues.
- Referral of issues to CCG(NI) for wider strategic determination.
- Commission workstreams/ work programmes for local level action.
- Provision of advice/ information on strategic matters and on CCG(NI) workstreams/ decisions

Membership: Local Government, PSNI, DHSS&PS, (PHA, NIFRS, NIAS) OFMDFM, DOE, Joint Chairs of each Sub Regional EPG

(WEPG) WESTERN EMERGENCY PREPAREDNESS GROUP

Chair: Local Government CEO & Supt. PSNI

Remit:

- Agree a joint approach to emergency preparedness and response for the local area in line with the strategic direction set by the SCEP
- **Liaise and co-ordinate with neighbouring EPGs, and where relevant with emergency planning arrangements and structures in the border counties in Ireland**
- Compile and agree a Local Risk Assessment to provide a robust basis for planning
- Ensure that appropriate multi-agency plans, procedures, training and exercises necessary to address identified local and wider area hazards are in place and gaps identified;
- Direct and oversee the activities of working groups and allocate tasks;
- Receive reports from the working groups on gaps in planning and progress with actions
- Ensure that appropriate resources are made available to working groups to fulfil their responsibilities;
- Co-ordinate the individual approaches and responsibilities of each organisation to ensure that they complement each other and dovetail with other stakeholders' arrangements
- Consider the implications of legislation, NI initiatives and decisions of the Civil Contingencies Group (NI) for the local area
- Provide reports on gaps in planning and progress with actions to the CCG(NI) SCEP.

Membership

- | | | | | | | | |
|-------------------|------|--------------|------|----------|-----|------|-----|
| - PSNI | EPCO | NIFRS | NIAS | WHSC | PHA | MCA, | MOD |
| - Rivers Agency | | Transport NI | | NI Water | | | |
| - Utilities : NIE | | BT | Gas | | | | |
| - Voluntaries | | | | | | | |
| - NIHE | | | | | | | |

Civil Contingencies Multi-agency Preparedness Groups

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Regional Community Resilience Group

Voluntary Organisations Working Group

Regional Implementation & Development Group

SEPG

BEPG

EEPG

NEPG

WEPG

Western Emergency Preparedness Group

Cross Border Emergency Management Working Group
Chair: Local Government (NI)/County Council (ROI)

Flooding & Severe Weather Sub Group
Chair: Rivers Agency & Local Government

Humanitarian Assistance Group
Joint Chair: WHSCT & Local Government

Task & Finish Group
Chair: PSNI & Local Government

Risk Assessment

Sub Regional ECC

Brief Overview of Emergency Management in Republic of Ireland

The Framework for Major Emergency Management 2006



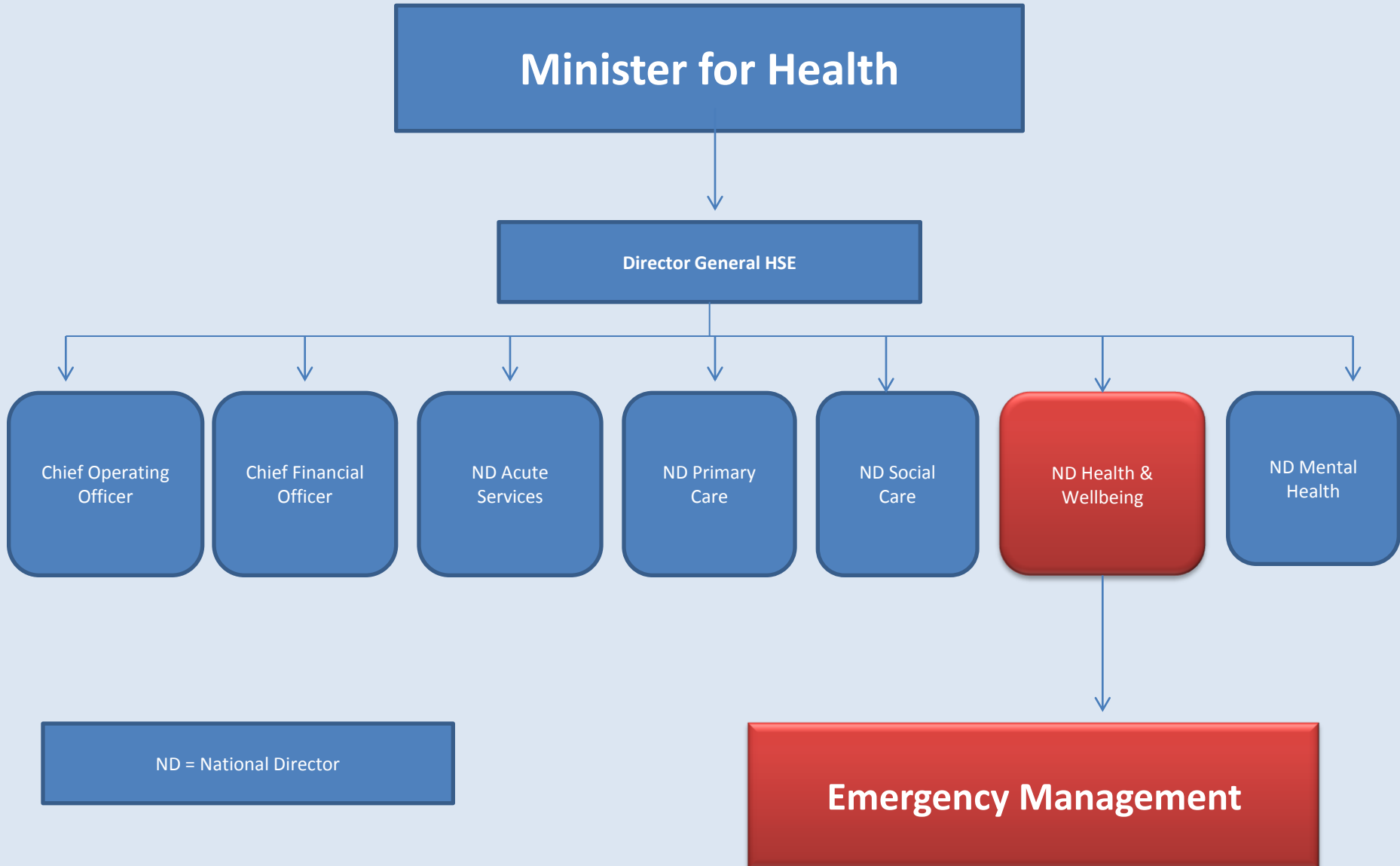
Comhshaoil, Oidhreacht agus Rialtas Áitiúil
Environment, Heritage and Local Government



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

A Framework enabling An Garda Síochána, the Health Services Executive and Local Authorities to prepare for and make a co-ordinated response to major emergencies resulting from local and regional events, such as fires, transport accidents, hazardous substances incidents and severe weather.

HSE Structure



HSE Emergency Management Regions

HSE has Four MEM regions

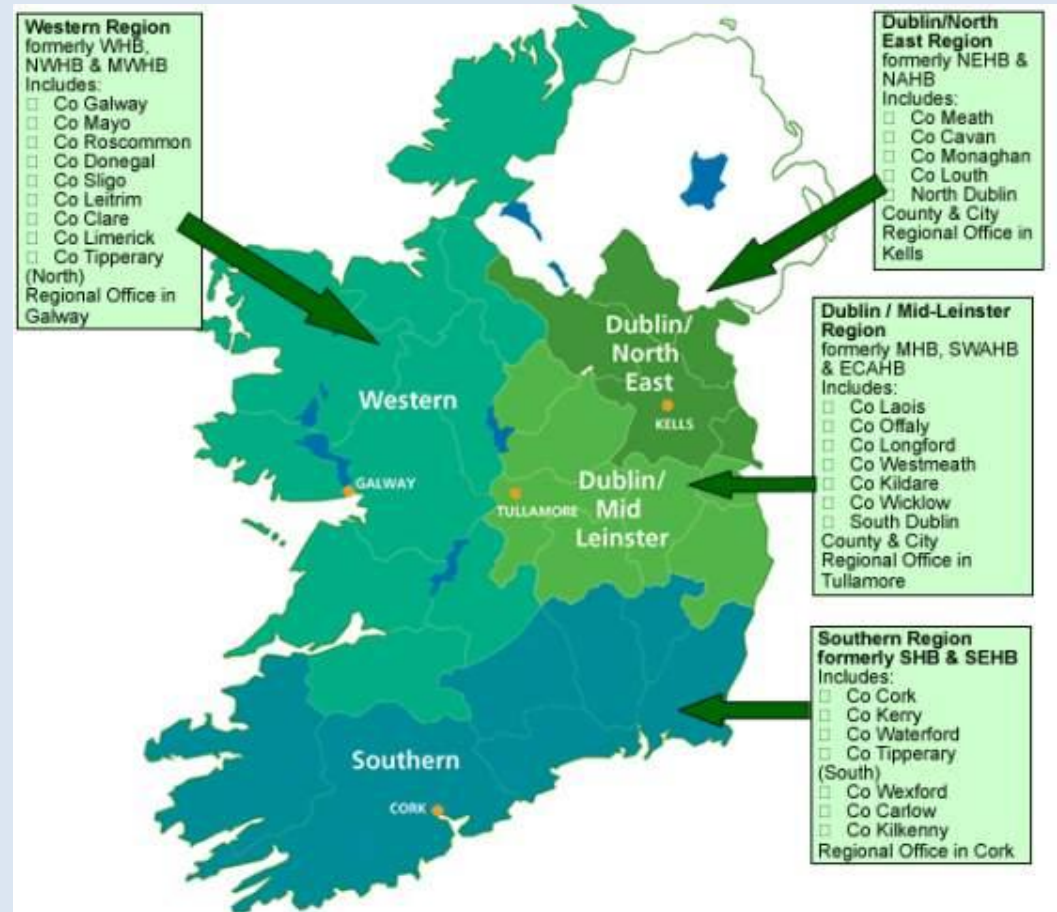
-Western

-Southern

-Dublin North East

-Dublin Mid Leinster

Three of these regions border with Northern Ireland

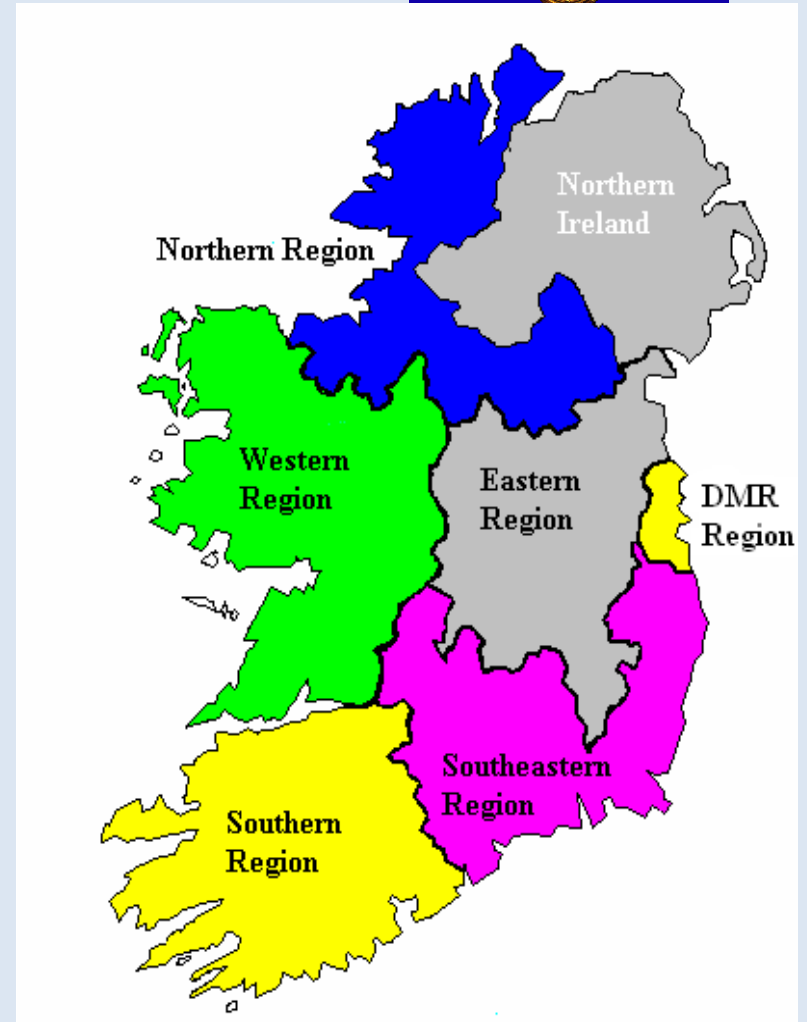


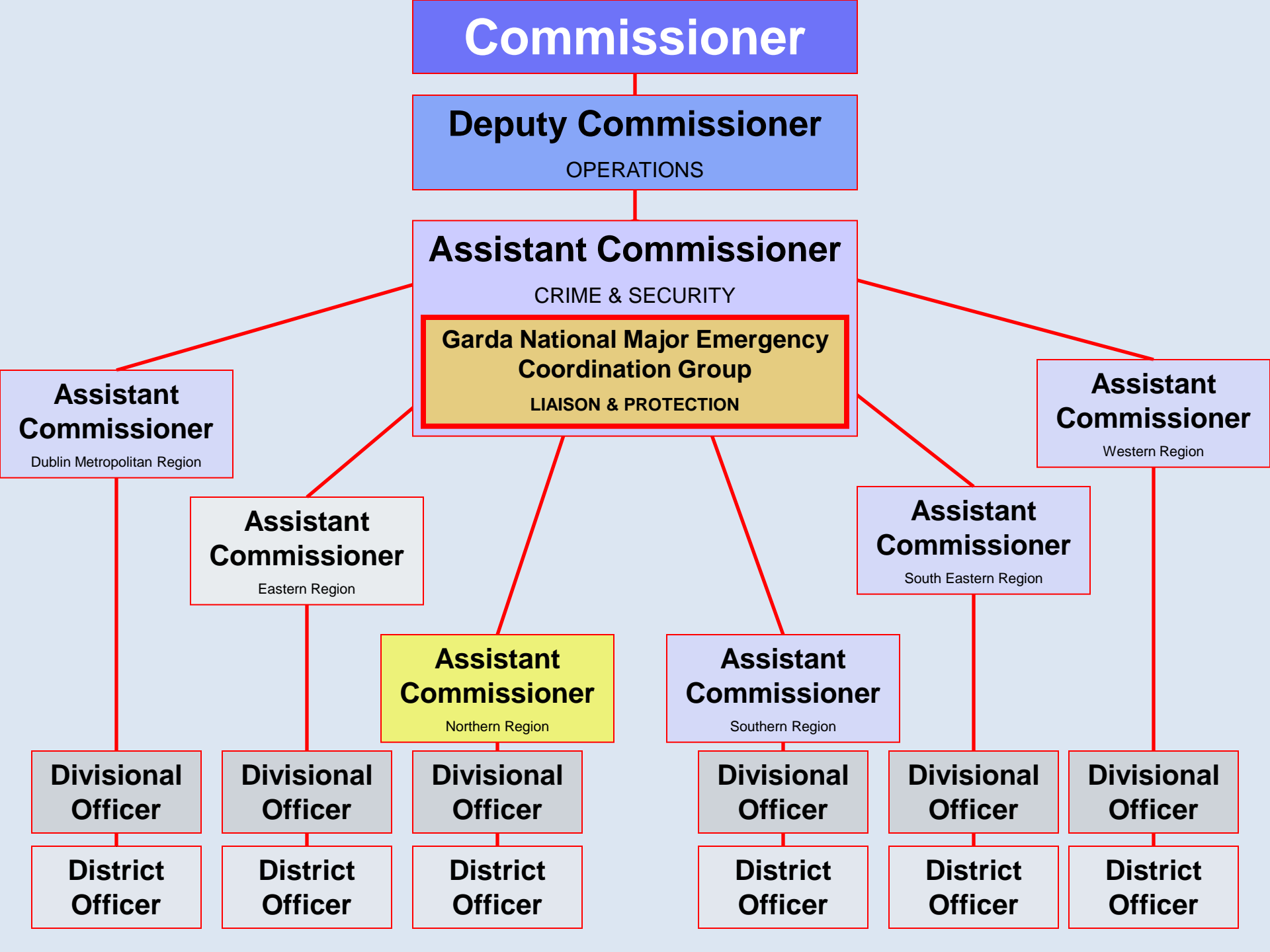
Garda Siochana



Regional, Divisional, District and Sub-District Command Structure

- 6 Regions –
Assistant Commissioner
- 25 Divisions –
Chief Superintendent
- 109 Districts –
Superintendent
- 703 Stations
- Two of the 6 regions
border with Northern Ireland





Local Authority Emergency Management Regions

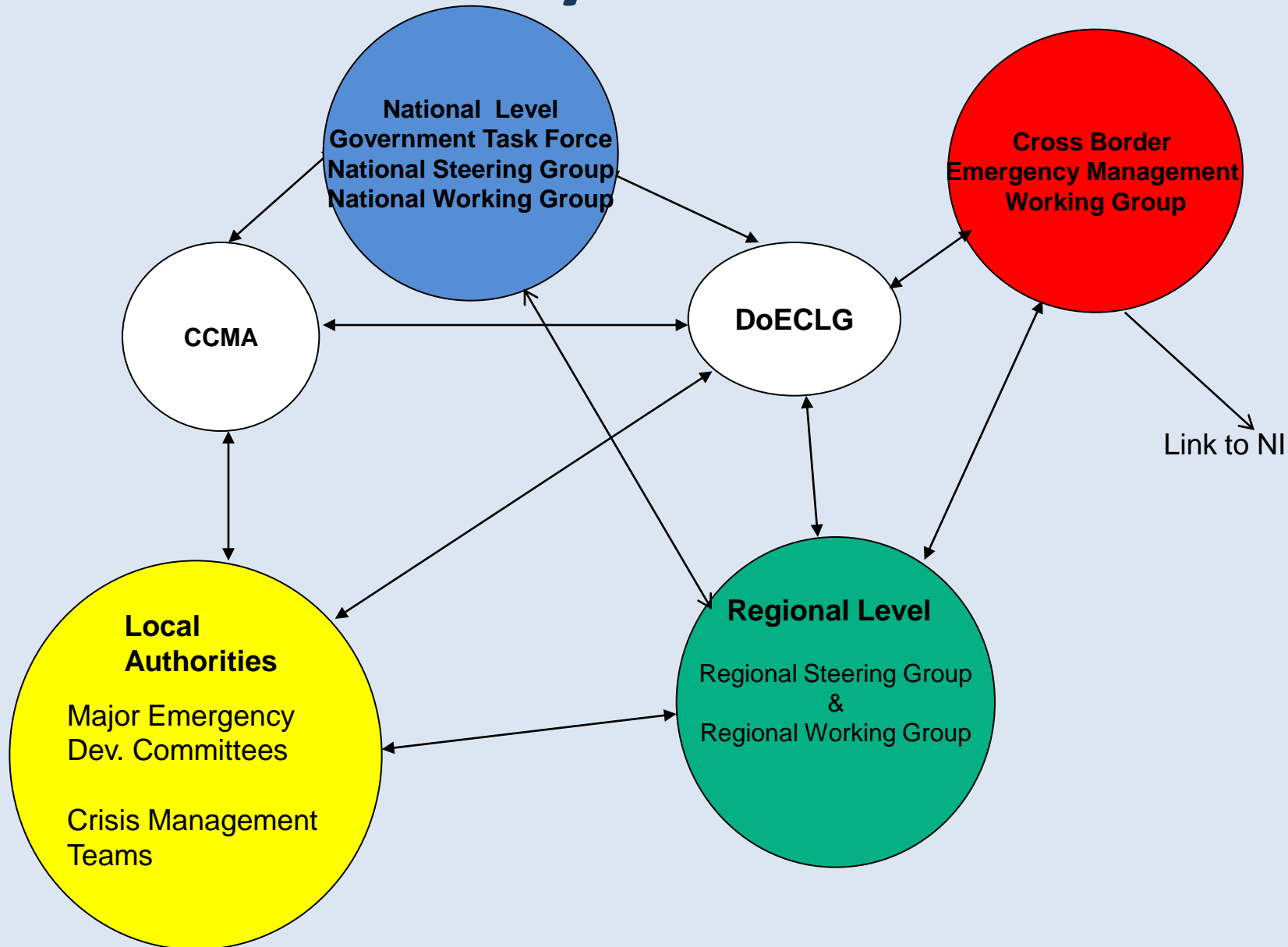
8 Local Authority MEM Regions

2 regions border with Northern Ireland

- North West
- North East



Local Authority MEM Structure





The Framework for Major Emergency Management 2006

- ‘Lead agency’ concept
- Coordination arrangements (Onsite and offsite)
- Organisational structures – (local, regional, national)
- Planning and Preparedness – Risk Assessments, Plans, Contact lists
- Exercising / training – local, regional, national
- Appraisal

**Cross Border Emergency
Management Working
Group
(CBEMWG)**

Purpose of CBEMWG

“ act as a multi-agency group for agencies involved in emergency management on a cross border basis.”

Aims of Cross Border Emergency Management Working Group (CBEMWG)

- Build on existing good working relationships at individual service level
- Build stronger working partnerships (inter agency)
- Build on existing good practice
- Provide a forum for inter-agency discussion (NI & ROI)
- Develop consistent and compatible working protocols between the agencies
- Develop inter-agency training and exercises on a cross border basis

Membership of CBEMWG

ROI

- Local Authorities
- Garda Siochana
- HSE
- Irish Coastguard
- Nominated by Regional Working Groups
- Five per RWG – total of 10
- 1 DoECLG and 1 Garda HQ
- **Total of 12**

NI

- NIFRS
- PSNI
- NIAS
- Local Councils
- PHA and HSCT's
- Maritime Coastguard Agency
- Nominated by Western & Southern EPG Groups
- Five per Sub Regional Group (Western and Southern)
- 1 from OFMDFM and 1 PSNI HQ
- **Total of 12**

Current Provisions for Dealing with a Cross Border Major Emergency

- NI Civil Contingencies Framework states:
 - “NI departments and other public sector bodieswill have **formal and informal civil contingencies liaison arrangements** in place as necessary with counterpart department and agencies in RoI”
 - “CCPB and OEP are prepared to act as facilitators in the development of such relationships on a cross border basis where they may have proven difficult to establish”
- Northern Ireland Standards in Civil Protection states:
 - Organisations ‘should ensure that their liaison activities **cover all relevant parties**’ including **on a cross border basis** ‘where incidents are likely to have widespread effects’
- A Guide to Emergency Planning Arrangements in Northern Ireland
 - indicates that the existing arrangements for **sharing information on emergency planning and response on a cross border basis** are ‘outside the scope’ of the protocol

Current Provisions for Dealing with a Cross Border Major Emergency

- MEM Framework – RoI (p78 / 79)
 - ‘Where Regional Coordination Groups identify the need for assistance from neighbouring regions, including from Northern Ireland, requests should be made directly on a **‘mutual aid basis’**’.
 - Individual emergency services can **unilaterally activate their pre-existing arrangements** initially with their counterparts in Northern Ireland while informing their Local / Regional Coordination Centre.
 - Where a Local / Regional Coordination Group determines that a **higher level of assistance** is required from NI, the request should be made through An Garda Siochana to the PSNI.
 - Where appropriate, representatives of the **principal response agencies in NI** should be invited to **participate in the Local / Regional Coordination Groups**.

Progress achieved by CBEMWG to date

- Agreed Terms of Reference for the Group
- Reviewed each agency's capability in emergency management
- Developing a Business Plan to identify, manage and prioritise inter-agency issues by:
 - Developing an annual work programme
 - Developing working protocols
 - Developing and delivering cross border inter agency training / exercises
- Developed Information Sharing Extranet Platform
www.westerngroupofcouncils.org
- Keeping parent organisations, regional groups, Government Departments informed
- Seeking opportunities to attract funding for Cross Border projects in emergency management
- Participated in the Cross Border Mapping Pilot Project

Cross Border Mapping Pilot

- Collaboration between ICLRD, AIRO and CBEMWG
- CBEMWG agreed to participate – no cost
- Development of a proof of concept mapping tool displaying datasets of the location of key facilities and personnel for emergency management along both sides of the border.
- Pilot project limited to local authority and fire services data (North and South)
- Mapping Pilot completed January 2015
- Aim is to establish a more extensive and professionally hosted system in the future

Resources included within the Cross Border Mapping Pilot

- Cross Border Contacts directory
- Locations of Fire Stations
- Fire Assets – 17 sub categories in total
- Council Buildings
- Evacuation Centres
- Sand bag locations
- COMAH & SEVESO Sites (Higher and Lower Tier)
- Multi Agency Co-ordination Centres

Cross Border Mapping Pilot - demo

- Link to Cross Border Mapping Pilot
- > <http://airo.maynoothuniversity.ie/mapping-resources/airo-research-themes/community-social/emergency-response-mapping-0>

Contacts Directory

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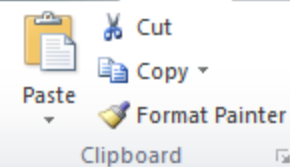
Clipboard Font Alignment Number Styles Cells Editing

A14 Cross Border Emergency Management Working Group

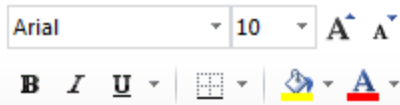
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2	NOT FOR PUBLIC DISCLOSURE															
3	Overall Issue No 2	Date of Issue - 08/01/15														
4	Click here for Changes															
5																
6																
7	Organisation (Click on name for details)	Issue No	Date													
8																
9	Armagh City & District Council	Issue 1	01/10/2014													
10	Banbridge District Council	Issue 1	01/10/2014													
11	British Red Cross	Issue 1	01/10/2014													
12	Cavan County Council	Issue 1	08/01/2015													
13	Craigavon Borough Council	Issue 1	01/10/2014													
14	Cross Border Emergency Management Working Group	Issue 2	08/01/2015													
15	Derry City Council	Issue 2	08/01/2015													
16	Donegal County Council	Issue 2	08/01/2015													
17	Dungannon & South Tyrone Borough Council	Issue 1	01/10/2014													
18	Emergency Planning Co-Ordinators (EPCOs)	Issue 1	01/10/2014													
19	Fermanagh District Council	Issue 1	01/10/2014													
20	Flooding Incident Line (FIL)	Issue 1	01/10/2014													
21	Garda Siochana Donegal	Issue 1	08/01/2015													
22	Garda Siochana Sligo and Leitrim	Issue 1	08/01/2015													
23	Health Services Executive	Issue 1	08/01/2015													
24	Leitrim County Council	Issue 1	08/01/2015													
25	Limavady Borough Council	Issue 1	01/10/2014													
26	Maritime & Coastguard Agency (MCA)	Issue 1	01/10/2014													
27	Mayo County Council	Issue 1	08/01/2015													
28	Met Office	Issue 1	01/10/2014													
29	Newry & Mourne District Council	Issue 1	01/10/2014													
30	NI Ambulance Service (NIAS)	Issue 1	01/10/2014													
31	NI Council Contacts	Issue 1	01/10/2014													

NI Water Omagh District Council Rivers Agency Roscommon County Council Sligo County Council Strabane

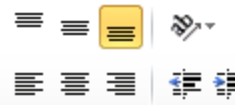
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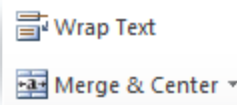
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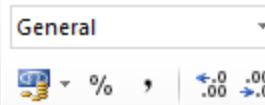
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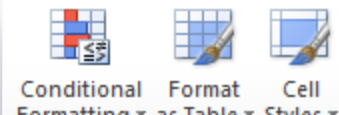
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Number



Conditional Formatting as Table Cell Styles

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CrossBorderEmergencyManagementWorkingGroupContactsDirectoryV2[1] [Read-Only] [Compatibility Mode]

	A	B	C
1		NOT FOR PUBLIC DISCLOSURE	Click here for Index
2	Cross Border Emergency Management Working Group	Issue 2	08/01/2
3			
4	Name	Organisation	Role
5			
6	Finian Joyce	Leitrim County Council	Joint Chair
7	Joan McCaffrey	Western Group of Councils	Joint Chair
8	Conor Lynch	Leitrim County Council	Assistant Chief Fire Officer
9	Kay Kennington	HSE West	Emergency Planning Officer
10	Mick O'Toole	HSE East	Emergency Planning Officer
11	Gerry Connolly	Garda Siochana	Inspector
12	Declan McGarvey	Garda Siochana	Sergeant
13	Seamus Boyle	Garda Siochana	Inspector
14	Paul Kiernan	Garda Siochana	Inspector
15	John Roche	Garda Siochana	Sergeant
16	Brendan Lawlor	HSE	Chair of NE RWG
17	Eugene Cunningham	SGEHC	
18	James Devlin	PHA	
19	Mark Deeney	NIFRS	
20	Randy McComb	NIFRS	T/Area Commander (South)
21	Darryl Johnston	PSNI	
22	Henry Thompson	PSNI	
23	David Nixon	PSNI	
24	David Campbell	PSNI	
25	Lex McCoubrey	PSNI	PSNI Emergency Planning
26	Simon McNee	PSNI	
27	Derek Flanagan	Irish Coastguard	
28	Bill Farber	HSE Ambulance Services	

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General Number Styles

Conditional Formatting as Table Cell Styles

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2	Donegal County Council	Issue 1	01/10/2014				
3							
4	Name	Role	Office	Mobile	Out of Hours	Email	Hyperlink
5							
6	Seamus Neely	County Manager	074 9172202	087 2447746	074 9126986	sneely@donegalcoco.ie	
7	Garry Martin	Head of Finance/Director Emergency Services	074 9172321	087 9048999	074 9722951	gmartin@donegalcoco.ie	
8	Joe Peoples	DoS Water & Environment	074 9172571	087 9430355	074 9148361	jpeoples@donegalcoco.ie	
9	Liam Ward	DoS Housing and Corporate Services	074 9172205	087 2996531	074 9133291	lward@donegalcoco.ie	
10	John McLaughlin	DoS Roads and Transportation	074 9172355	087 2441357	074 9382615	jmclaughlin@donegalcoco.ie	
11	Michael O'Heanaigh	DoS Community, Culture and Planning	074 9172252	087 2326324	074 9128977	moheanaigh@donegalcoco.ie	
12	Joseph McTaggart	A/Chief Fire Officer	074 9121676	087 9796440	087 9796440	joseph.mctaggart@donegalcoco.ie	
13	Shaun Campbell	Senior Assistant Chief Fire Officer	074 9121676	087 6174258	074 9735917	shaun.campbell@donegalcoco.ie	
14	Glen Hamilton	A/Senior Assistant Chief Fire Officer	074 9121676	087 6697408	087 2876064	glen.hamilton@donegalcoco.ie	
15	Michael Scott	Assistant Chief Fire Officer	074 9121676	087 9058311	074 9158431	michael.scott@donegalcoco.ie	
16	Kevin McGarvey	Assistant Chief Fire Officer (MEM)	074 9121676	087 6470996		kevin.mcgarvey@donegalcoco.ie	
17	Edel Flynn	Civil Defence Officer	074 9175665	087 2386579	074 9175349	ewilson@donegalcoco.ie	
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1		NOT FOR PUBLIC DISCLOSURE	Click here for Index					
2	Western Emergency Preparedness Group	Issue 2	08/01/2015					
3								
4	Name	Role	Office	Mobile	Out of Hours	Email	Hyperlink	
5								
6	Joan Mc Caffrey	Emergency Planning Coordinator, WGEHS	02882 245321	07799867120	2882249136	j.mccaffrey@omagh.gov.uk		
7	Iris Ball	Emergency Planning Coordinator, WHSCT	02871 345171	07917 764799	07917 764799	iris.ball@westerntrust.hscni.net		
8	Martin Daly	Emergency Planning Coordinator, Derry CC	02871 365151	07736213160	07736 213160	martin.daly@derrycity.gov.uk		
9	Jeff McClure	NIAS Emergency Planning	02894 469413	07788578326	07788 578326	jeff.mcclure@nias.hscni.net		
10	Mark Deeney	Group Commander NIFRS	02871 311162	07824770682	07824 770682	mark.deeney@nifrs.org		
11	Darryl Johnston	PSNI EPO F District	02882 256641	07825013474		darryl.johnston@psni.pnn.police.uk		
12	David Campbell	PSNI G District	02871 367337	07920186781	07920 186781	david.campbell4@psni.pnn.police.uk		
13	Adrian McAuley	Emergency Planning Officer, PHA	02871 860086	07928 652427	02890 553994	adrian.mcauley@hscni.net		
14	Catherine Donnan	Emergency Planning Officer, BT		07715 482740	07715 482740	catherine.donnan@bt.com		
15	David McFetridge	PSNI G District				david.mcfetridge@psni.pnn.police.uk		
16	Michael Baird	PSNI Superintendent	02882 256641	07795152688		michael.baird@psni.pnn.police.uk		
17	Frank Orr	Emergency Planning Officer, NIAS		07767 761068	07767 761068	frank.orr@nias.hscni.net		
18	Huw Morgan	MOD Liaison Officer	02892 263401	07824 607770	07824 607770	38X-OpsUK-JRLO-SO1@mod.uk		
19	Lex McCoubrey	PSNI Emergency Planning Officer (HQ)	0845 60080000	07876 202680	07876 202680	lex.mccoubrey@psni.pnn.police.uk		
20	Owen Doody	Emergency Planning Coordinator, WELB	02882 411377	07881 587893	07881 587893	owen.doody@welbni.org		
21	Andrew Lemon	Inspector PSNI G District	0845 6008000	07764 638357	07764 638357	stephen.lemon@psni.pnn.police.uk		
22	Joanne McKenna	SSM ER & Recovery, British Red Cross	02890 735350	07525 902905	07525 902905	jmckenna@redcross.org.uk		
23	Fiona McClintock	Emergency Planner, NIE	02838 368683			fiona.mcclintock@nie.co.uk		
24	Kieran McGovern	BT		07710 366486	07710 366486	kieran.mcgovern@bt.com		
25	Danny McSorley	ODC (Local Government Chair)	02882 245321	07900 575045	028 816 670331	danny.mcsorley@omagh.gov.uk		
26	Sean O'Neill	Engineer - Rivers Agency				sean.o'neill@dardni.gov.uk		
27	Leo Owens					leo.owens@drdni.gov.uk		
28	Jim McElrath					jim.mcelrath@nianter.com		

Select Mapping Layers & View Legends

Layer Visibility

- L4V, 4x4s, Vans and RSFO
- Specialist Rescue Team
- Welfare Pod
- Large Animal Rescue Team
- COMAH NI
 - COMAH_NI
 - Higher
 - Lower
- Community Facilities
 - Council Buildings
 - Emergency Coordination Centres
 - Evacuation Centres
 - Evacuation Centres (NI & Rol)
 - Evacuation Centres (NI)
 - Evacuation Centres (Rol)
- Sandbag Locations
 - Sand Bags

Emergency Response Mapping by AIRO

AIRO: Improving evidence informed planning

Draw on Map

Download Emergency Response Contacts List

5 km
4 mi

Emergency Coordination
Donegal Local Coordination
County House,
The Diamond,
Lifford
N/A.
Zoom to

Done

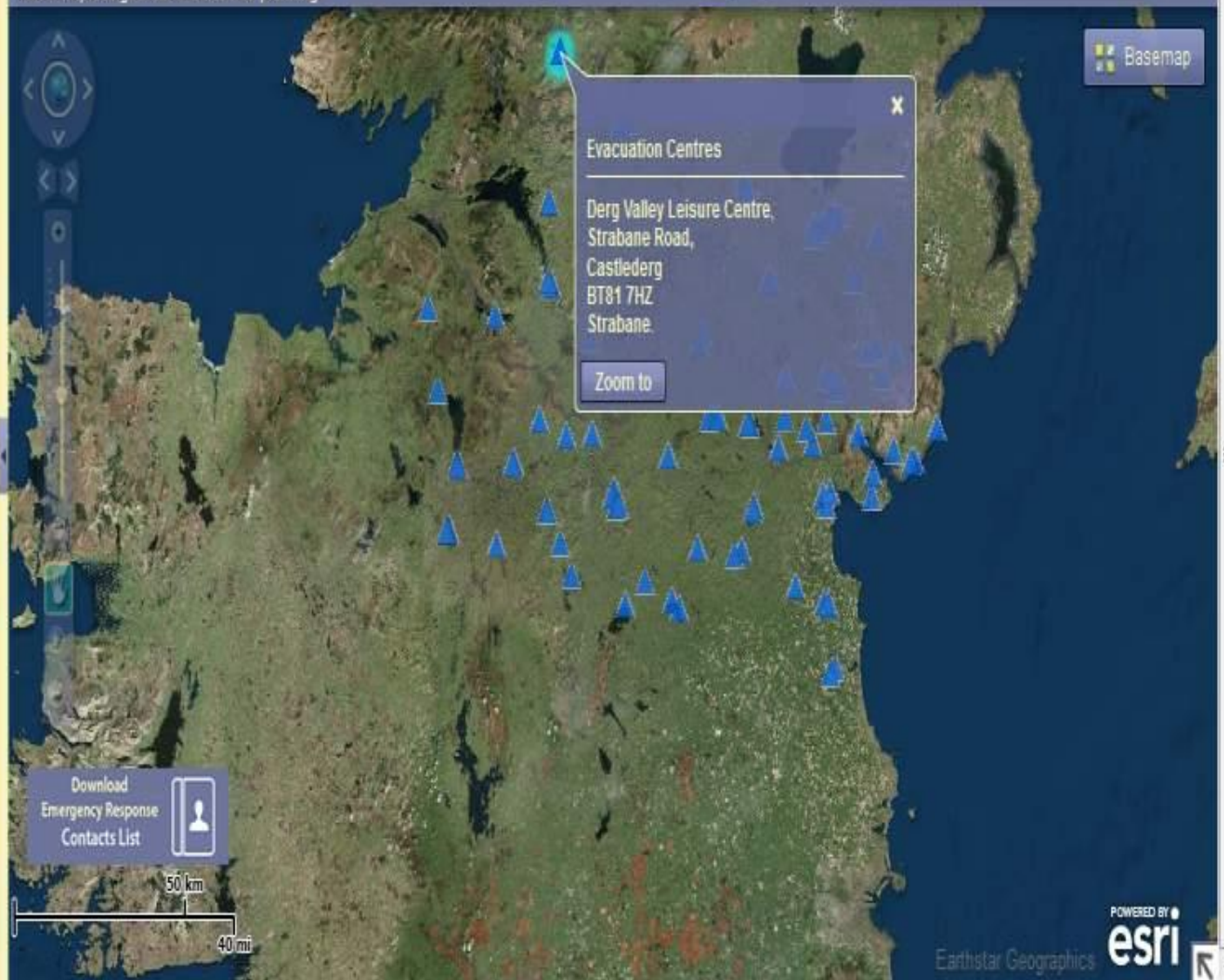
Select Mapping Layers & View Legends

- Layer Visibility
- Support Vehicles
 - Water Tankers
 - Detection, ID and Monitoring
 - L4V, 4x4s, Vans and RSFO
 - Specialist Rescue Team
 - Welfare Pod
 - Large Animal Rescue Team
 - COMAH NI
 - COMAH_NI
 - Higher
 - Lower
 - Community Facilities
 - Council Buildings
 - Emergency Coordination Centres
 - Evacuation Centres
 - Evacuation Centres (NI & Rol)
 - Evacuation Centres (NI)
 - Evacuation Centres (Rol)

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Select Mapping Layers & View Legends

Layer Visibility

- Fire Stations
 - Fire Stations All
 - Whole-time
 - Whole-time/Retained
 - Retained
 - Variable
 - NI Rescue Tender or Pump
 - NI Aerial
 - NI Command Support Unit
 - NI Foam Tender
 - NI Foam Pod
 - NI High Volume Pump (HVP)
 - NI Mass Decom Unit (MDU)
 - NI MDU Support Unit
 - NI Operational Support Unit
 - NI Support Vehicles
 - NI Water Tankers
 - NI Det, ID and Mon

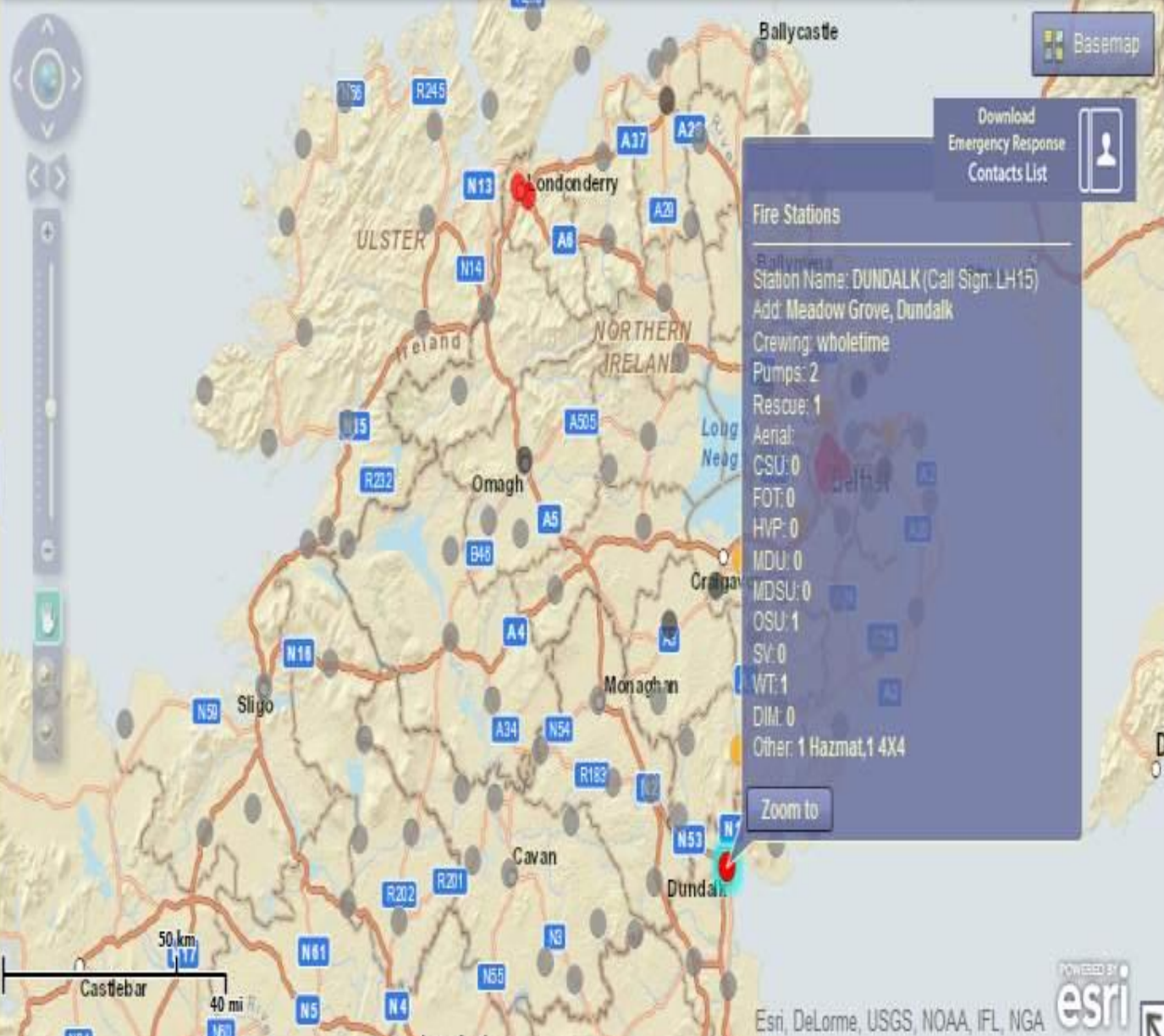
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Layer Visibility

- Fire Stations
 - Fire Stations All
 - Whole-time
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 - Retained
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 - NI Rescue Tender or Pump
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 - NI Operational Support Unit
 - NI Support Vehicles
 - NI Water Tankers
 - NI Det. ID and Mon

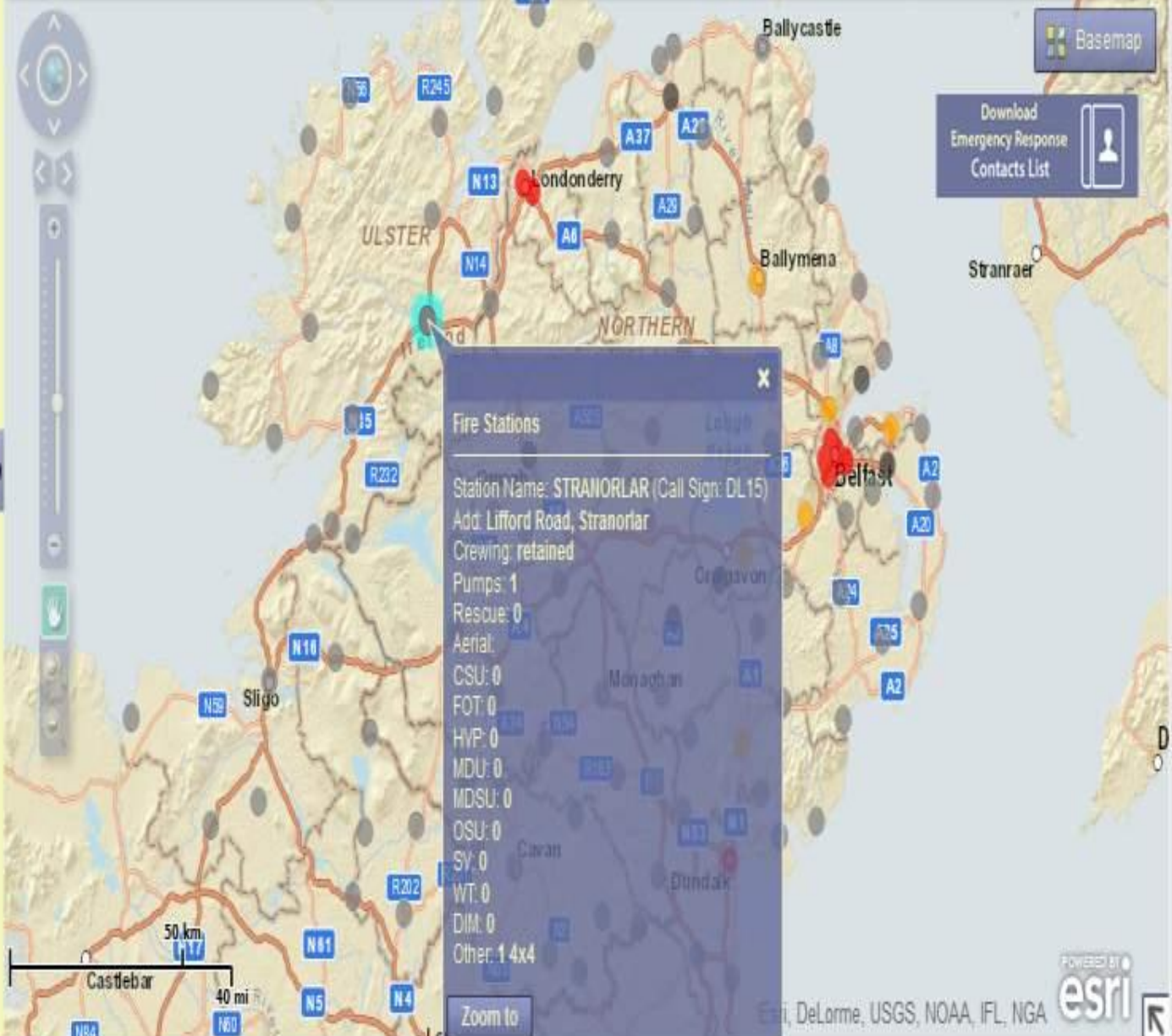
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Select Mapping Layers & View Legends

Layer Visibility

- Fire Stations
- COMAH NI
- COMAH_NI
 - Higher
 - Lower
- Community Facilities
- Council Buildings
- Evacuation Centres
- Emergency Coordination Centres
- Sandbag Locations
- Toggle Admin Boundaries On/Off

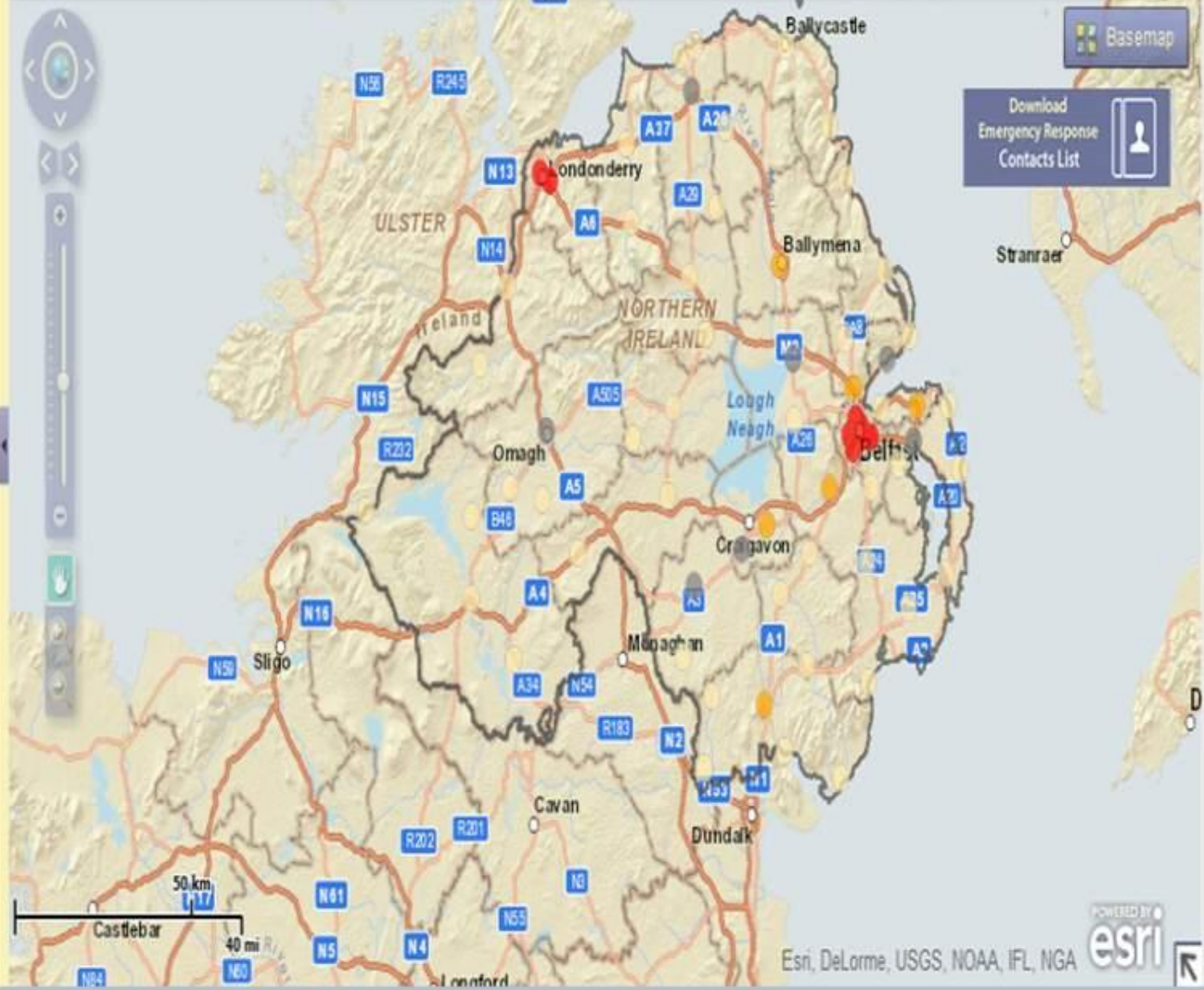
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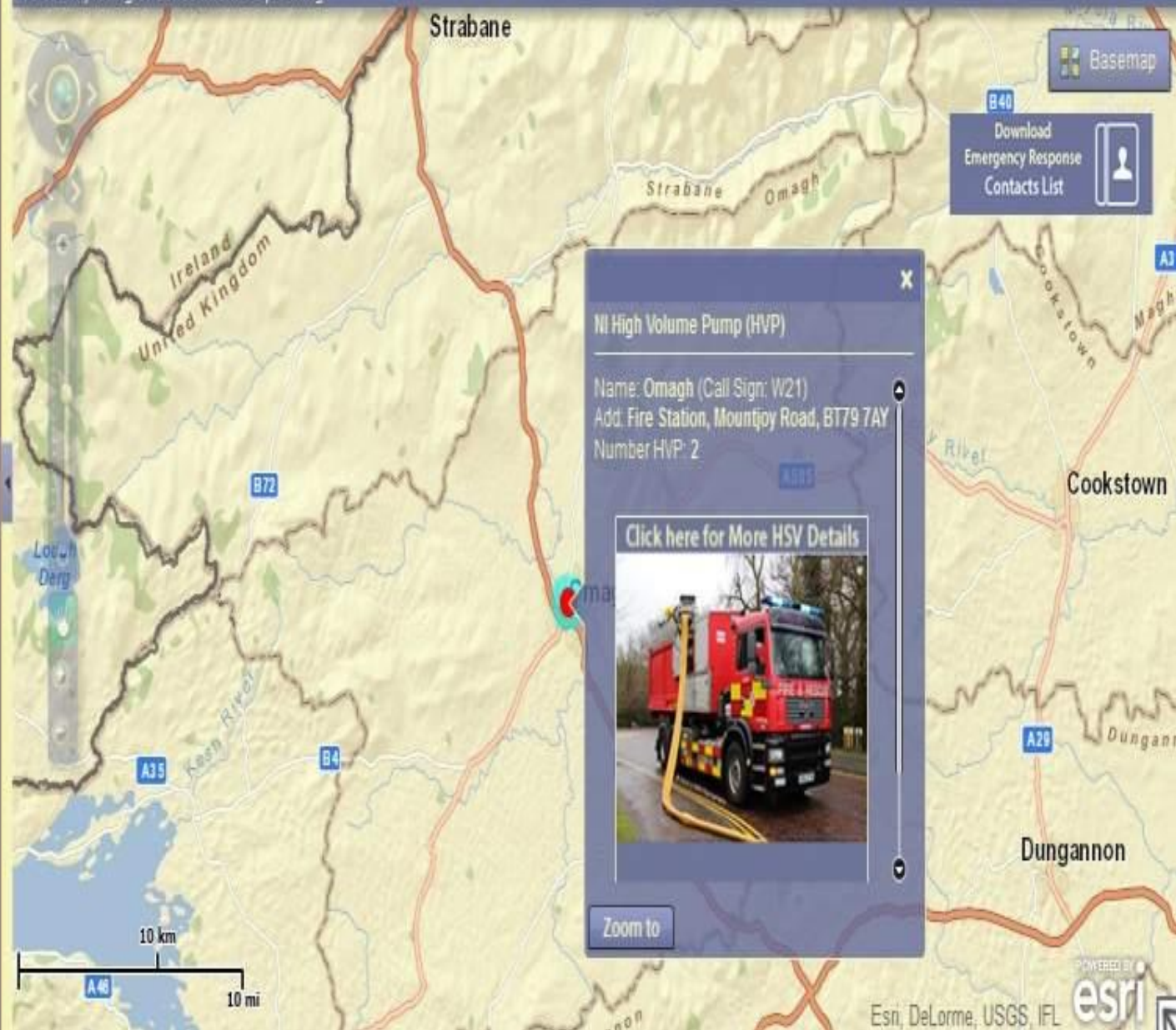
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Layer Visibility

- Fire Stations
 - FireStations_NI
 - NI Rescue Tender or Pump
 - NI Aerial
 - NI Command Support Unit
 - NI Foam Tender
 - NI Foam Pod
 - NI High Volume Pump (HVP)
 - NI Mass Decom Unit (MDU)
 - NI MDU Support Unit
 - NI Operational Support Unit
 - NI Support Vehicles
 - NI Water Tankers
 - NI Det. ID and Mon
 - NI Other
 - COMAH NI
 - COMAH_NI
- Higher



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NI High Volume Pump (HVP)

Name: Omagh (Call Sign: W21)
Add: Fire Station, Mountjoy Road, BT79 7AY
Number HVP: 2

[Click here for More HSV Details](#)

Zoom to

HVP (High Volume Pump)

- **The High Volume Pumping Units (HVPU's), can provide water for firefighting and remove flood water, with three times the capacity of conventional Fire Service pumps.**
- Each HVP is capable of moving huge volumes of water - up to 7,000 litres of water per minute. An Olympic size swimming pool could be emptied by a pair of HVPs in three hours compared to just over nine hours with standard fire and rescue service pumps.
- A road tanker containing 28,000 litres (roughly 6,200 gallons) could be emptied by a single HVPU in four minutes. Each HVPU comes in two parts, each of which weighs 10 tonnes - or the same as eight family cars.
- The HVP unit consists of two demountable modules transported on standard New Dimension Prime Movers. Each module consists of two further sub-units, a hose retrieval system and all the associated ancillary equipment. The sub-units carry either 1km of hose of which there are three or the Hydrosub.
- A hook arm attached to the prime mover is used to dismount the modules for use. The sub-units are also removable from the main module for placing as required at an incident. Hose can be deployed utilising the 1Km hose boxes at a maximum speed of 40km/hr (25mph).
- Vehicle Equipment Hydrosub-The Hydrosub is one of the four sub-units transported on the main modules, it weighs three tonnes and is placed in position using the prime mover. It consists of the submersible pump unit, 60m Hydraulic Hose Lines, 60m winch cable for pump deployment and recovery, control panel and the Turbo Diesel Engine that drives both the hydraulic and electrical systems.

Select Mapping Layers & View Legends

Layer Visibility

- L4V, 4x4s, Vans and RSFO
- Specialist Rescue Team
- Welfare Pod
- Large Animal Rescue Team
- COMAH NI
 - COMAH_NI
 - Higher
 - Lower
- Community Facilities
 - Council Buildings
 - Emergency Coordination Centres
 - Emergency Coordination Centre
 - Emergency Coordination Centre
 - Emergency Coordination Centre
- Evacuation Centres
 - Evacuation Centres (NI & RoI)
 - Evacuation Centres (NI)
 - Evacuation Centres (RoI)

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Command Support Unit (CSU)

Name: CAVAN (Call Sign: CN11)
 Add: Drumnavanagh, Cavan
 Number CSU: 1

[Click here for More CSU Detail](#)



[Zoom to](#)

Select Mapping Layers & View Legends

Layer Visibility

- High Volume Pump (HVP)
- Mass Decom Unit (MDU)
- MDU Support Unit
- Operational Support Unit
- Support Vehicles
- Water Tankers
- Detection, ID and Monitoring
- L4V, 4x4s, Vans and RSFO
- Specialist Rescue Team
- Welfare Pod
- Large Animal Rescue Team
- COMAH NI
- Community Facilities
 - Council Buildings
 - Emergency Coordination Centres
 - Emergency Coordination Centre
 - Emergency Coordination Centre
 - Emergency Coordination Centre

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COMAH Sites

COMAH Tier: Lower
 Premises: Quinn Glass - Sean Quinn Ltd, Tonymore
 Derrylin, Lisnaskea
 Business Type: Glass Manufacturing
 Chemicals: Acetylene 24 cylinders
 5 x 500Kg/lts Tanks, Heating Oil, P...

Zoom to

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Select Mapping Layers & View Legends

Layer Visibility

- Mass Decom Unit (MDU)
- MDU Support Unit
- Operational Support Unit
- Support Vehicles
- Water Tankers
- Detection, ID and Monitoring
- L4V, 4x4s, Vans and RSFO
- Specialist Rescue Team
- Welfare Pod
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- COMAH NI
 - COMAH_NI
 - Community Facilities
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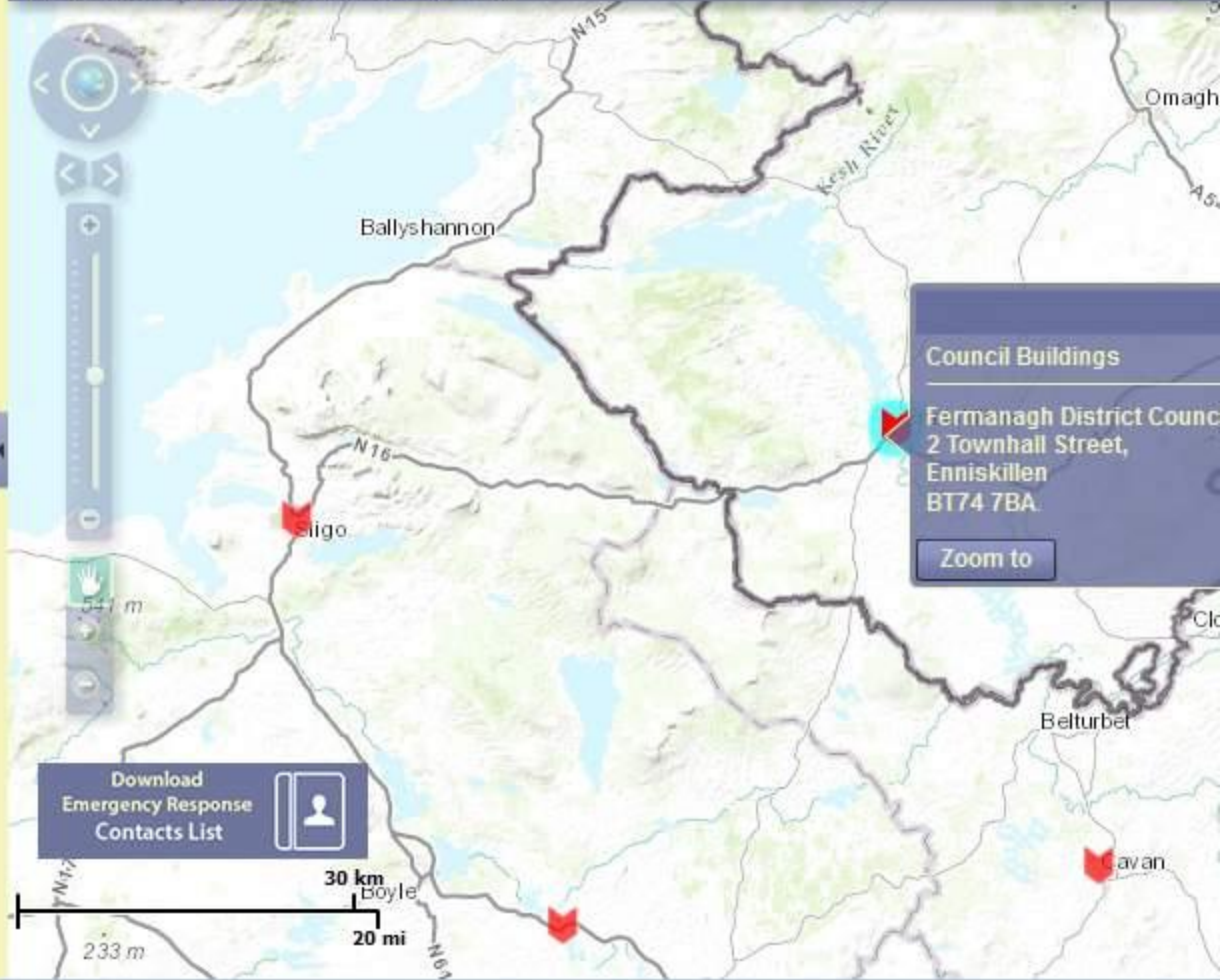
Select Mapping Layers & View Legends

Layer Visibility

- Mass Decom Unit (MDU)
- MDU Support Unit
- Operational Support Unit
- Support Vehicles
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 - Emergency Coordination Centre

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CBEMWG - Next Steps

- Finalise Business Plan
- Develop Work Programme based on agreed priorities
- Enhance cross border emergency planning arrangements
- Develop working protocols
- Keep all stakeholders informed

QUESTIONS?