



SuAc 2.5

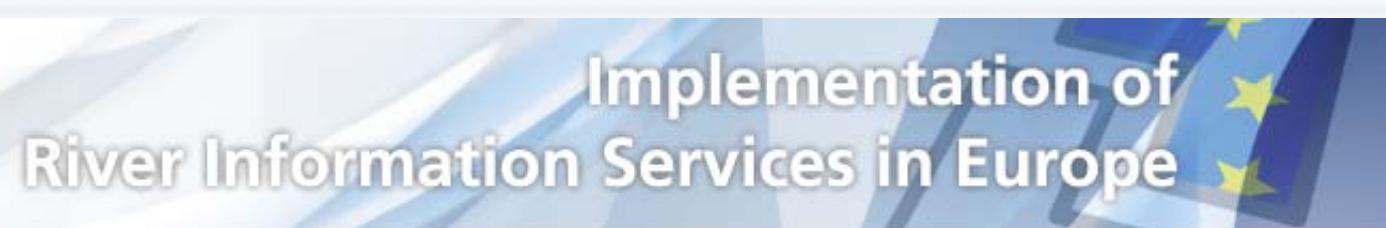
Calamity

Abatement

Support

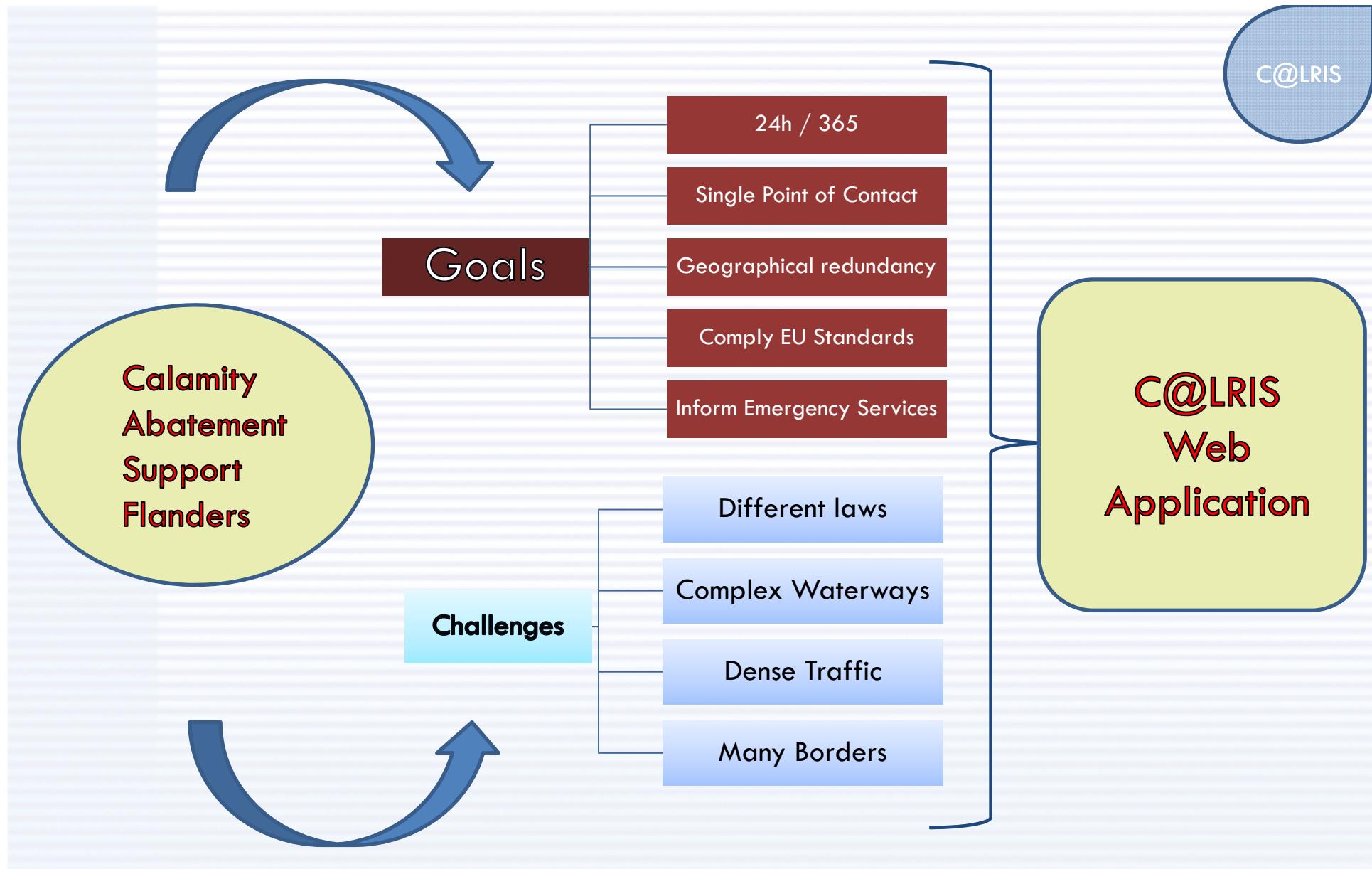


Piet Creemers – WenZ
Dierik Vermeir – ALSIC



C@LRIS – Calamity Abatement Support System





4 RIS Key Technologies



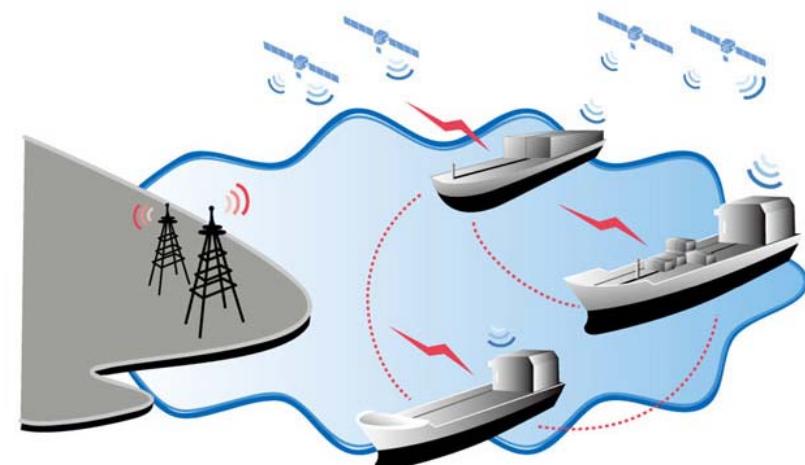
Vessel Tracking & Tracing Inland AIS

**Automatic
Identification
System**

Send AIS Message → Inform
Skippers in Real Time

Information on nearby Ships
during Calamity

Different AIS Message Types:
ATON, Safety Related Message,...



Calamity Information Available to Skippers

Translatable in 23 languages

NtS no.	Title	From	Until
2011/0553/01 (Waterwegen en Zeekanaal NV)	Blockage - Kanaal Bossuit-Kortrijk, Sluis te Bossuit (Bossuit) 2011/0553/01	8/22/2011	8/22/2011
2011/0595/00 (Waterwegen en Zeekanaal NV)	Announcement - Zeeschelde 1, Zeeschelde 1 km 8.0 (Melle) Rupel, (Rumst) 2011/0595/00	8/22/2011	8/22/2011
2011/0594/00 (Waterwegen en Zeekanaal NV)	Work - Kanaal Gent-Oostende (vak Brugge-Oostende), Dammeportsluis (Brugge (Brug)) Kanaal Gent-Oostende (vak Brugge-Oostende) km 16.9 (Jabbeke) 2011/0594/00	8/29/2011	9/2/2011
2011/0591/00 (Waterwegen en Zeekanaal NV)	Blockage - Zeeschelde 1, Scheldtburg Tense-Bornem (Tense) Zeeschelde 1, Zeeschelde 1 km 61.0 (Tense) 2011/0591/00	8/27/2011	8/27/2011
2011/0587/00 (Waterwegen en Zeekanaal NV)	Announcement - Kanaal naar Charleroi, Sluis 9 - Ruisbroek (Ruisbroek) Kanaal naar Charleroi, Sluis 7 - Halle (Halle) 2011/0587/00	8/22/2011	2/29/2012



RIS

Electronic Ship Reporting - ERI

C@LRIS

FlaRIS

Info

Safety
Info

Voyage Info

Cargo Info

Blue Cones

Persons on Board



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Project is co-funded by the European Union
(EC / DG-TREN / TEN-T)

RIS

Visualization of RIS Information

C@LRIS

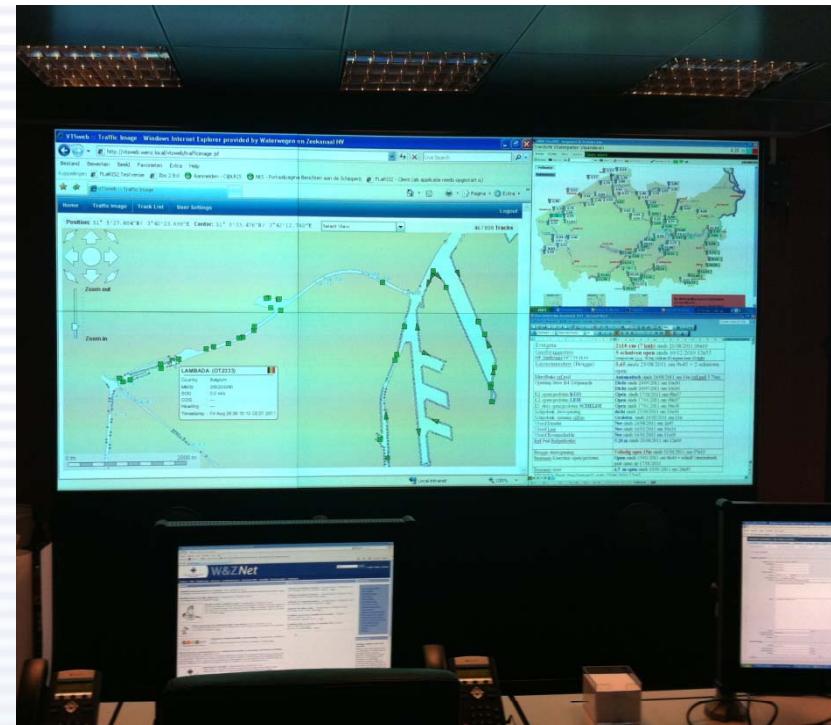
Electronical
Chart
Display
Information
System

Shows ...

Notice to
Skippers

FlaRIS → Ship
& Voyage
Information

Inland AIS
Information



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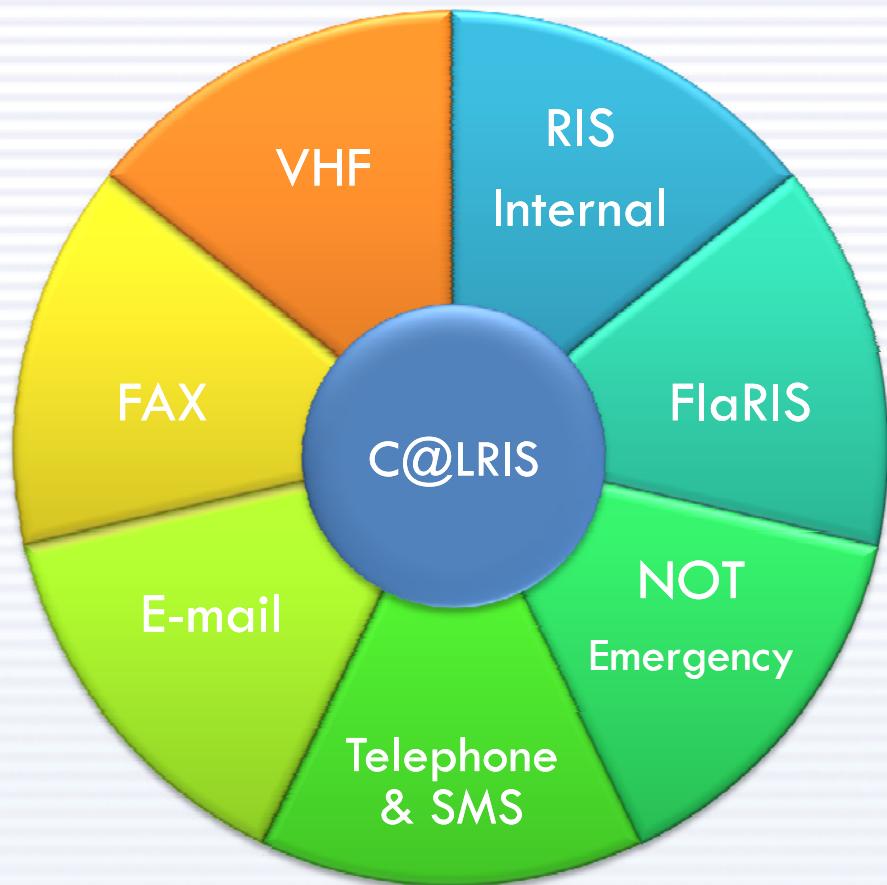


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ICT & Web Application



Communication & Data Exchange



Provides Workflow Mechanism



C@LRIS Workflow

Workflow in every Phase
of Calamity Abatement

Registrations = daily
Events, possible Accidents

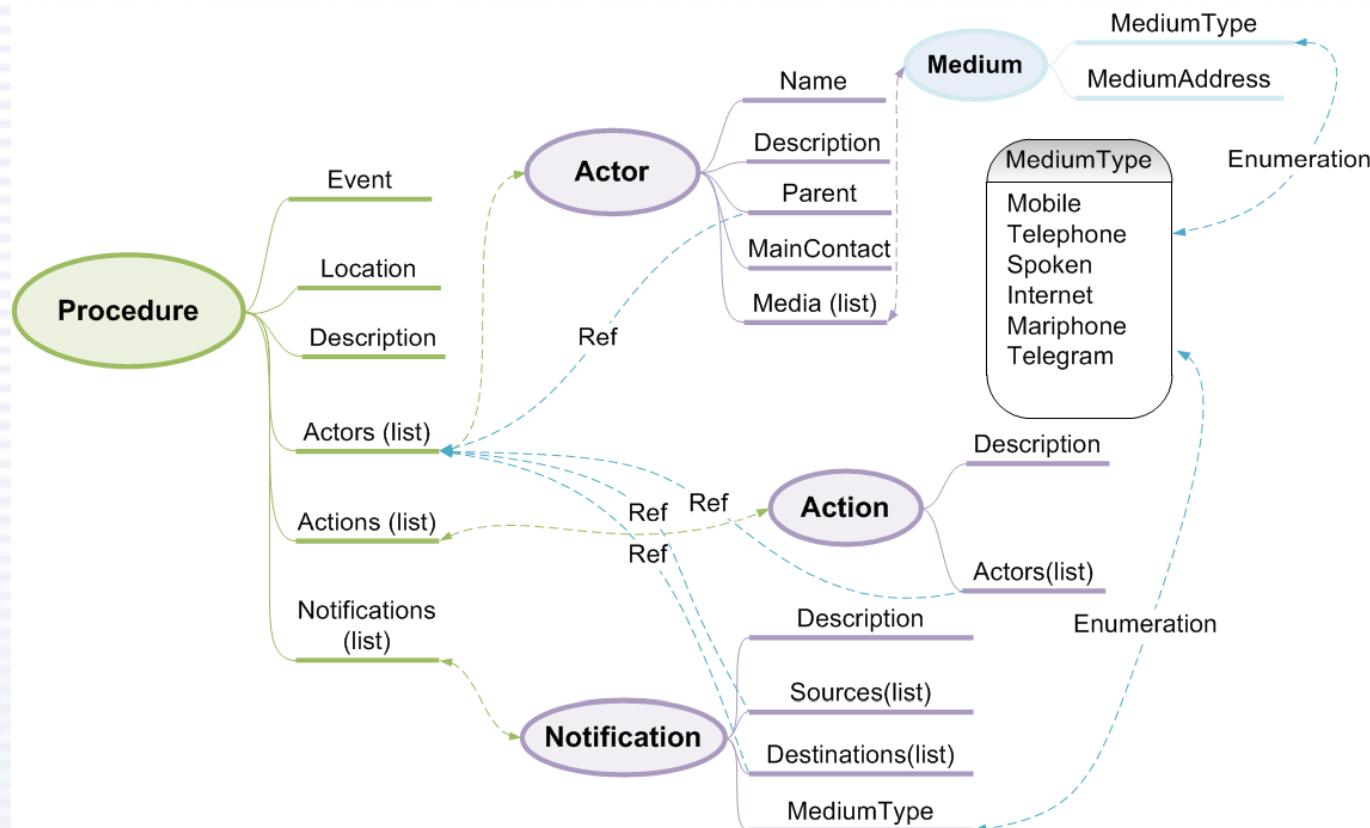
Workflow

Registration Escalation
→ Calamity

Calamities = Accidents &
require Immediate Actions



Emergency Plan



CAS Functionalities



CAS Functionalities

Inform

Manage & keep Contact Information up to date

Automated & Manual Tasks

Send messages to RIS

Register

Registration

Calamity

Consult

Portal Overview

Electronic Emergency Plans

Interact with RIS Technologies

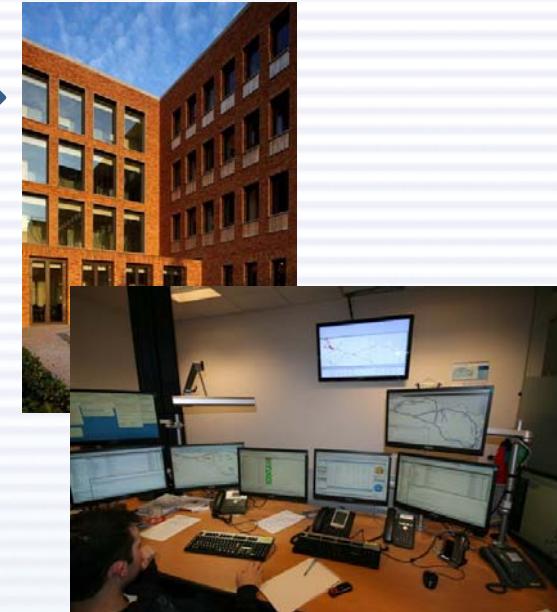


FlaRIS = Flanders' RIS

Waterwegen en Zeekanaal NV
RIS Evergem



nv De Scheepvaart
RIS Hasselt



More information?

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