Maritime incident recovery

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European Union
European Regional Development Fund
ATLANTIC AREA
Transnational Programme
ARCOPOL PLATFORM

Organisational background

- Public Health England Centre for Radiation, Chemicals and Environmental Hazards (CRCE)
- Works in public health planning, preparedness, response and recovery to environmental hazards
- CRCE Wales leads on maritime pollution and has many years of experience of EU research projects – ARCOPOL, EROCIPS
- CRCE Wales coordinates the WHO Collaborating Centre for Chemical Incidents and is part of the Global Health Security Action Group (GHSAG) Network

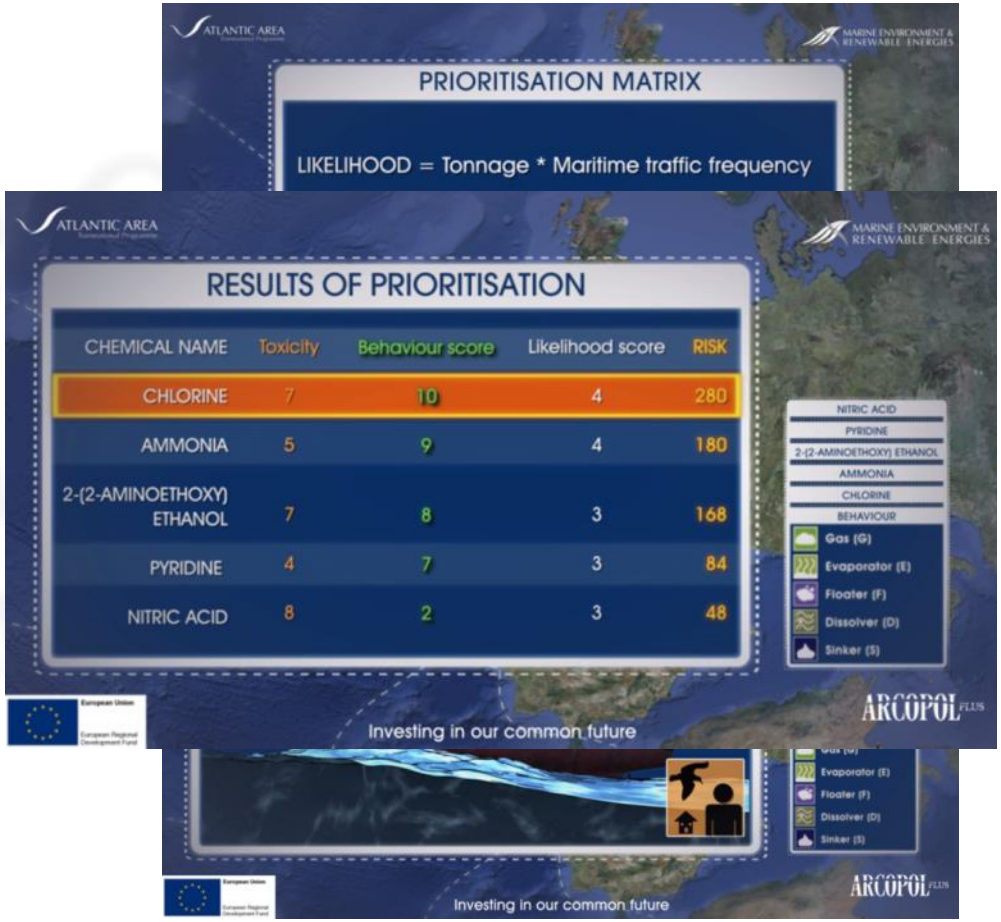
Public Health Risks from Hazardous and Noxious Substances (HNS)

- Large numbers and quantities of HNS transported by sea - 90% of EU external trade is by sea*
- Approx 2000 chemicals carried regularly by sea**
- Accidents and spills occur - over 100 in EU waters from 1986 to 2007 ***
- Many industrial ports close to population centres
- Release close to shore could have serious public health impact
- Can have indirect effects on health such as socio-economic impacts - house prices, blight, tourism, fisheries

References: * EMSA ** ITOPF ***CEDRE

ARCOPOL risk prioritisation project

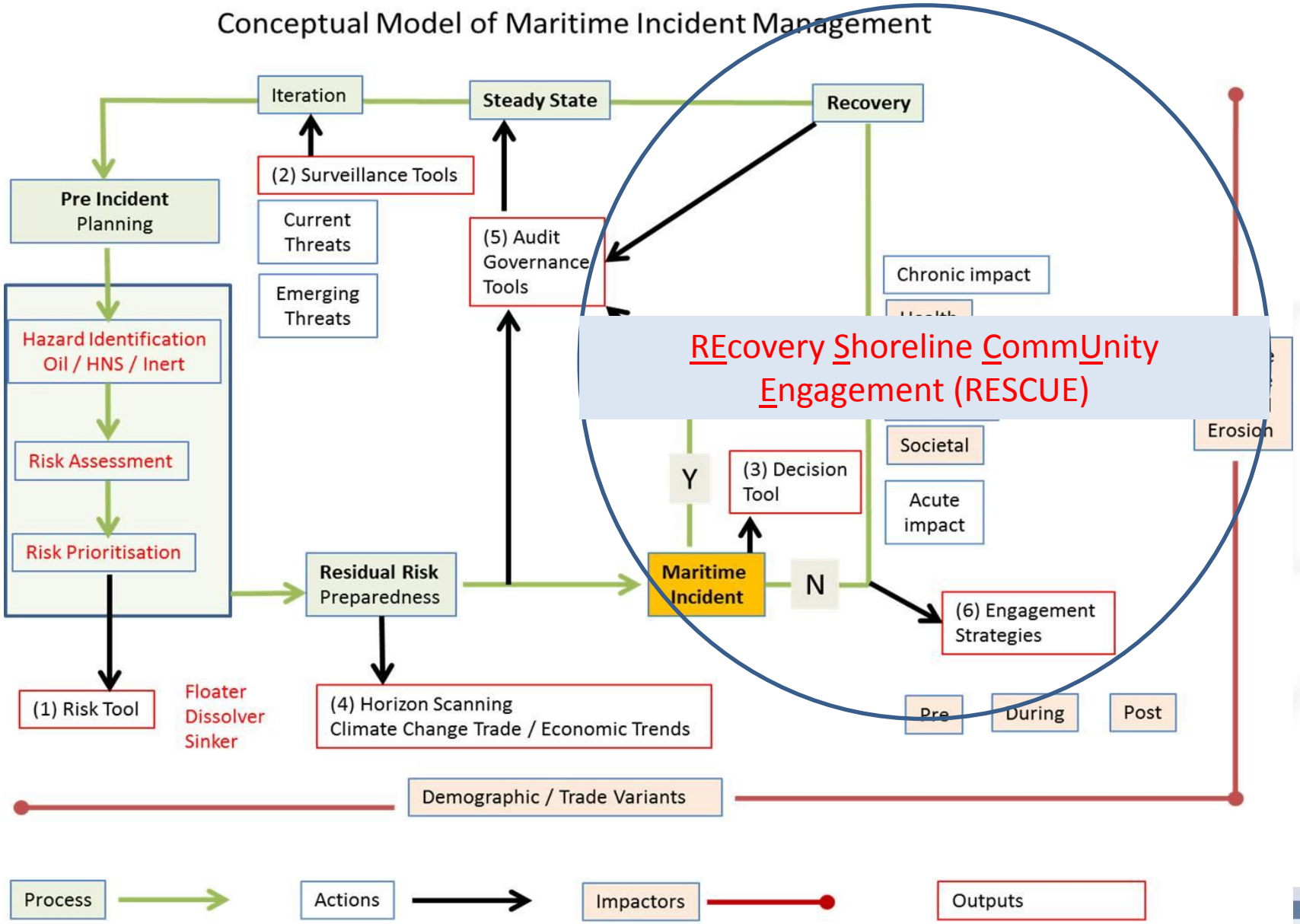
- Improve response capabilities in the event of HNS and inert spills
- Raise awareness and improve training of responders
- Promote cross border collaboration between neighbouring countries
- Improve mitigation capabilities



Future Trends and Developments

- Planning, preparedness and response are well defined in EU Atlantic Region from Arcopol.
- Less work on recovery, particularly on public health and societal factors.
- Incidents such as Deepwater Horizon, MSC Napoli identify the importance of recovery, its impact on society and the need for community involvement
- Atlantic Area Action Plan Priority 2 – improving maritime safety and security
- Recovery and “return to normality” is a crucial aspect of any incident response

Conceptual Model of Maritime Incident Management



REcovery Shoreline CommUnity Engagement (RESCUE)

Work areas

- Minimise the environmental, health and societal impacts of maritime incidents
- Research and appraisal of recovery and waste management options
- Development of a holistic and integrated maritime recovery tool kit
- Establish standard procedures for national, regional and local recovery
- Global surveillance of maritime events
- Assessing future global factors of climate change and maritime trade at Atlantic regional level
- Community and social engagement

Partners and anticipated funding

Potential / Anticipated partners

- Recovery tool kit – UK
- Scientific evidence base (remediation strategies) – UK, France, Portugal
- Global future trends – UK, EU, Canada
- Community engagement / risk communication – UK, Spain, Ireland

Funding?

- Atlantic Area Transnational Cooperation Programme 2014-2020
- Horizon 2020

Conclusion

- Maritime events can have wide ranging environmental and health impacts
- Current focus on emergency planning and response
- Future work to focus on recovery and community engagement
- Benefits will include greater trust between stakeholders, improved health and ecological evidence bases and resilience of coastal communities