



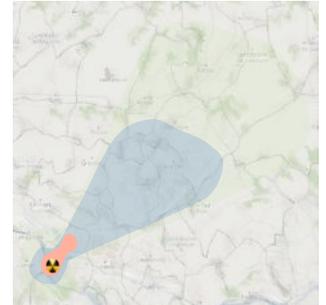
# Awareness of local stakeholders to the post-accident issues

*The example of the CLIn of Blayais using the cartographic tool*



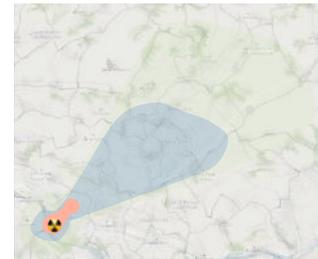
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Workshop NERIS – 26<sup>th</sup> April 2018



# Common action of ANCCLI and IRSN to raise the awareness of local stakeholders to the post-accident issues

- ❖ Chernobyl and Fukushima accidents have shown the importance of the commitment of the inhabitants, the local authorities and local professionals
- ❖ The French doctrine CODIRPA
  - Indicate that the post-accident must involve the public, elected representatives, the economic and social support stakeholders
  - Is based on post-accidental zoning which may be difficult to grasp for local stakeholders
- ❖ The French law gives new responsibilities to the municipalities but they don't have the means of expertise and financial resources



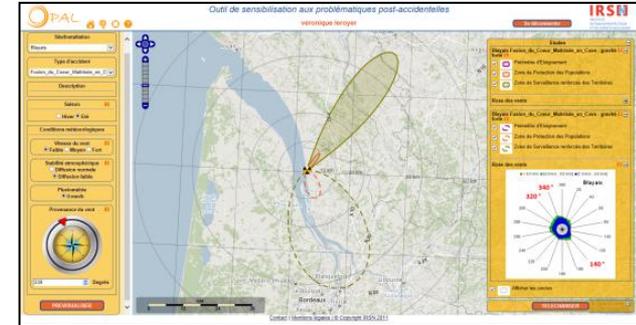
→ In 2010, ANCCLI and IRSN decided to initiate an action to foster the commitment of local stakeholders around nuclear facilities for better understanding and preparedness to the consequences of a potential accident in their territory

# A tool to interest and help local stakeholders

❖ Development of a **cartographic tool** to provide, in a given region, map information on the medium-term consequences of generic accidents

❖ Specifications of the tool **OPAL** defined together

- Training tool representing case studies and impact of meteorological conditions (wind, rain...)
- Present post-accidental zoning (can be exported in a Geographic Information System - GIS)



❖ Awareness-raising process in territories with the tool OPAL

- Presentation in CLI meetings
- Meetings with local representatives (mayors...)
- Working group to exchange on the stakes of a post-accident situation in their territory
- Representation of this stakes using a GIS



➔ **Several CLI have already been interested by such an approach (Marcoule-Gard, Saclay, Gravelines, Paluel-Penly, Blayais...)**

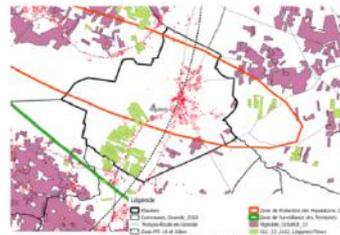
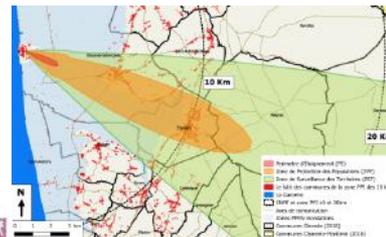
# Example of the CLIn of Blayais using the tool

- ❖ After an observation of an emergency exercise in november 2016, the CLIn of Blayais found disparities in understanding and organization for locally elected officials
- ❖ The CLIn started in 2017 an approach to raise awareness of local stakeholders on the crisis situations and post-nuclear accident
- ❖ During 6 months, a trainee helped the CLIn by:
  - Collecting data layers in order to enable the representation of the territories stakes, and major risks, which will be used with OPAL
  - Preparing and conducting interviews of 23 mayors of municipalities around the plant
- ❖ The goal of the discussions with the mayors were:
  - To gather their perception of nuclear risk
  - To exchange with them and inform them on crisis and emergency preparedness
  - To exchange with them and inform them about the post-accidental phase by showing both the consequences with OPAL and the stakes involved in the territory (health issues for the population, economic issues including viticulture)



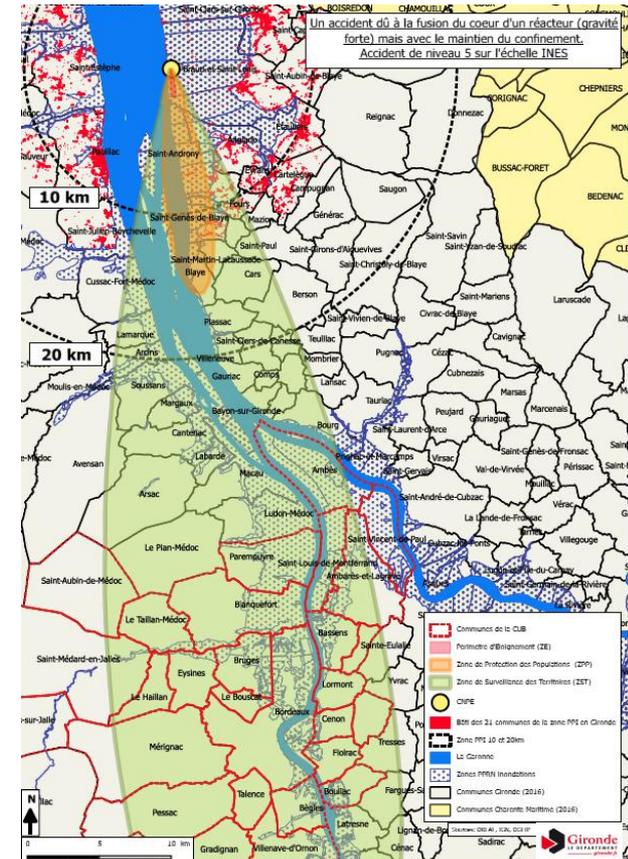
# First results of the approach: from the interviews of 23 mayors

- ❖ A lack of information and knowledge for a majority of elected members
  - With some differences due to seniority of elected, distance from the nuclear site and border effects
  - An interest to obtain more information
- ❖ Some difficulties to elaborate the compulsory documents (such as safeguard municipal plan) and to inform the population about major risks
- ❖ A broad request of crisis exercises, including the participation of the population
- ❖ More specifically about post-accident: a discovery of the magnitude of the affected areas after an accident (even for a level 4 or 5 on the INES scale)
  - A feeling of helplessness
  - A lot of questions when considering a return



# Perspectives for the CLIn of Blayais

- ❖ The CLIn of Blayais decided to continue this work in 2018, with a new trainee in order to:
  - Complete the data layers on the economic activities
  - Meet agriculture and economic stakeholders and more distant local representatives
  - Exchange with some municipal councils about nuclear risk and post-accidental issues
- ❖ To engage the local academic and establish a working group for an appropriation of issues such as agriculture or production of manufactured goods



# Thank you for your attention!



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