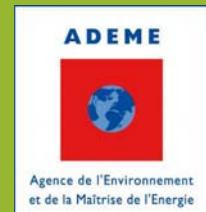




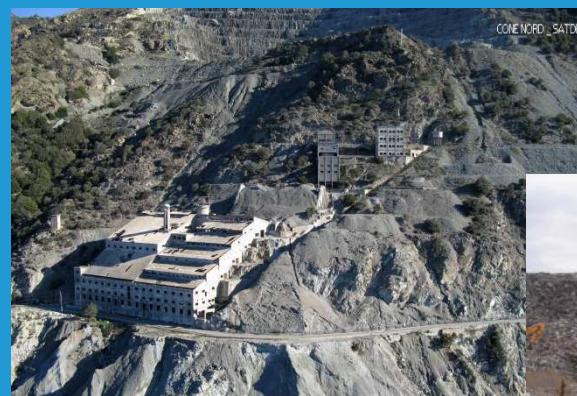
# The issue of VOC pollution Orphan sites in France

Yves Duclos - ADEME  
Brownfield and Contaminated Site Department



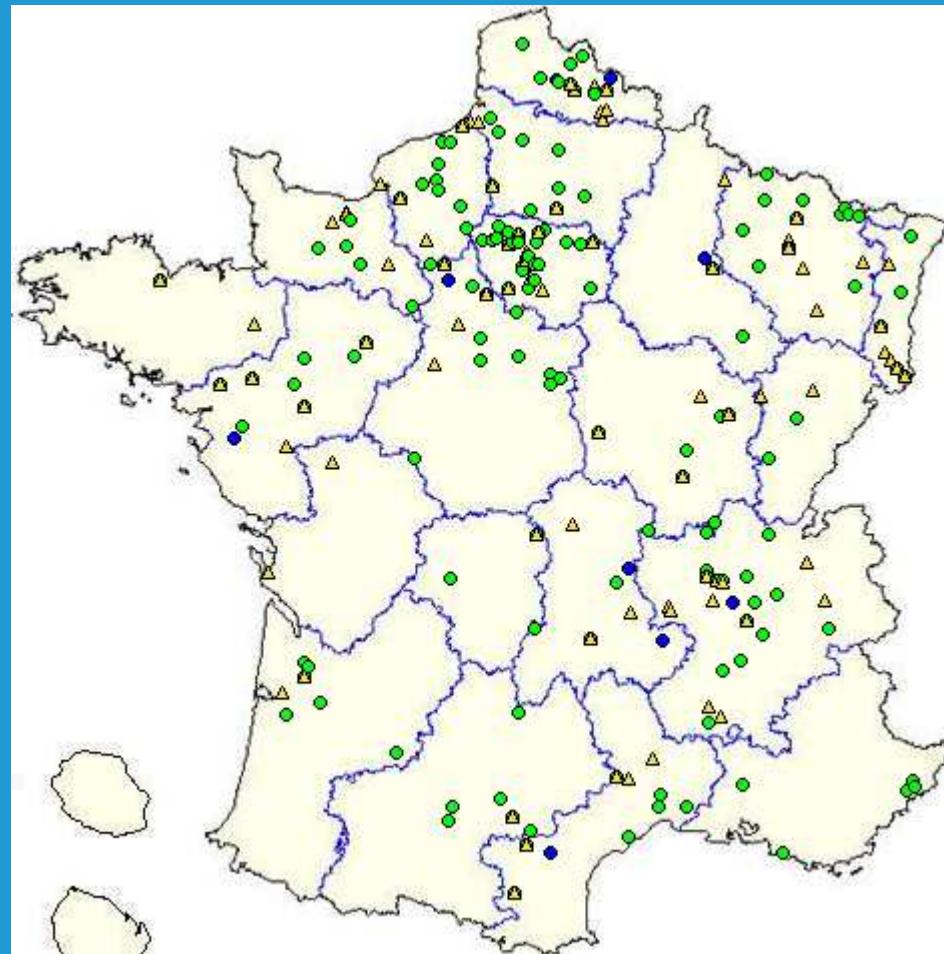
## Safety and rehabilitation works on “orphan” contaminated sites (defaulting of responsible parties)

- Work involved varies widely :
  - making the site safe by removing and disposing of the waste
  - environmental monitoring,
  - maintenance of decontaminated facilities,
  - risk and impact studies and assessments,
  - cleanup work ...



# A site-specific approach

- National policy based on risk assessment and risk management (including cost-benefit analysis), taking into consideration the owner/operator's intended use of the site
- The aim of remediation is therefore determined on a case-by-case basis



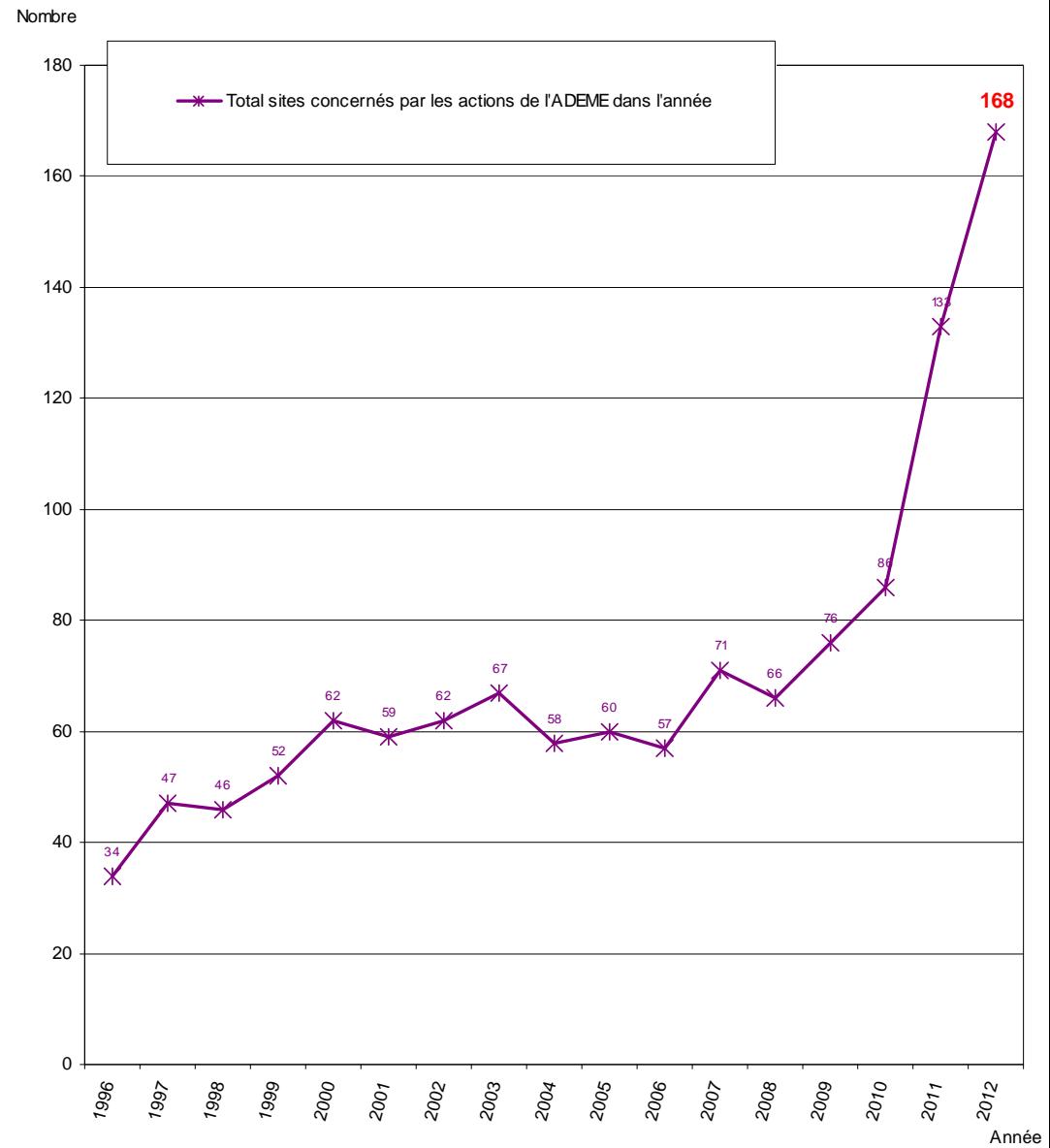
Orphan sites manage by ADEME



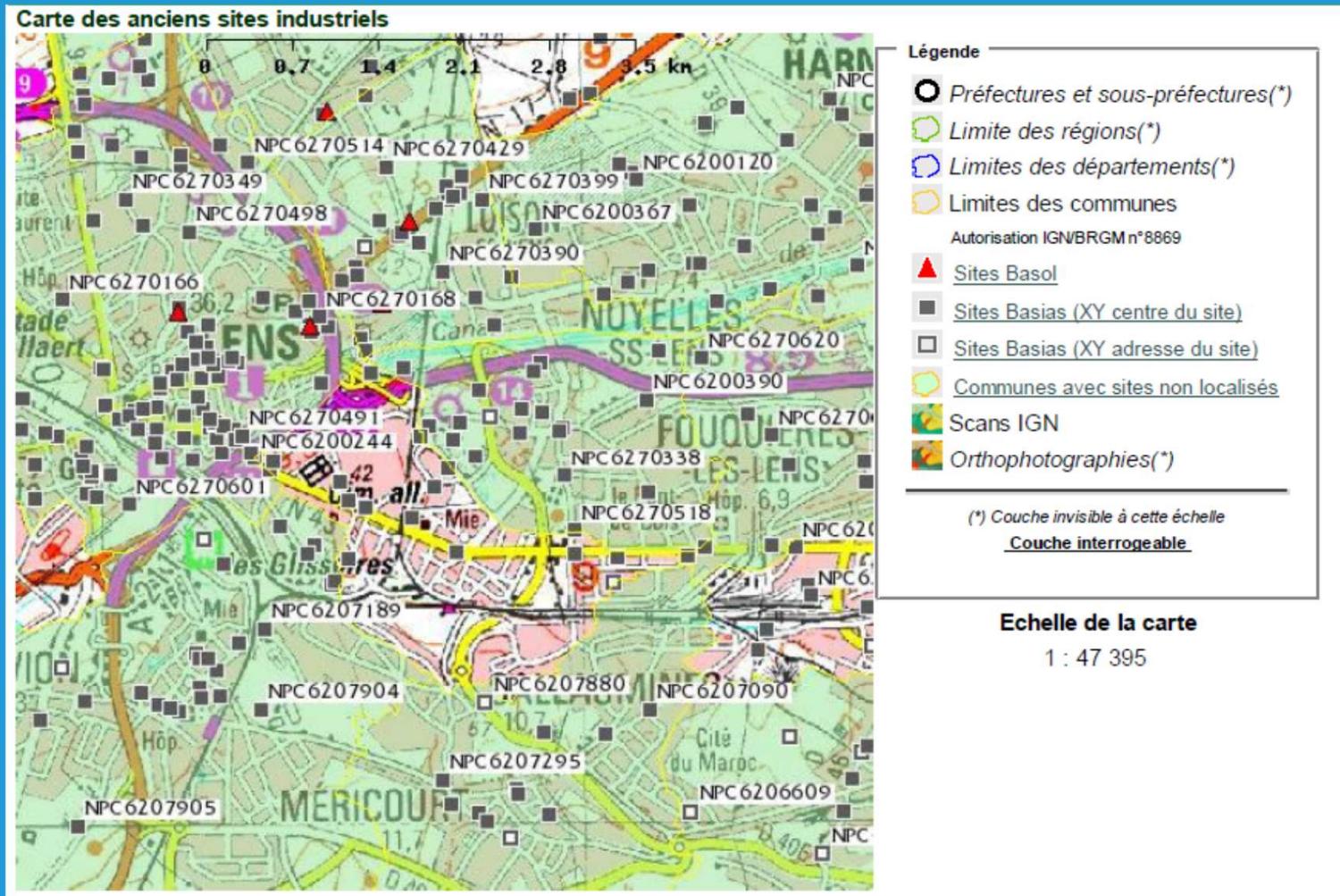
# “Grenelle Environnement”

Speed up «orphan site »  
activities of ADEME: budget  
rise from 8M€ to 35M€ per  
year

Evolution de l'activité MO SSP  
Sites concernés par les actions de l'ADEME

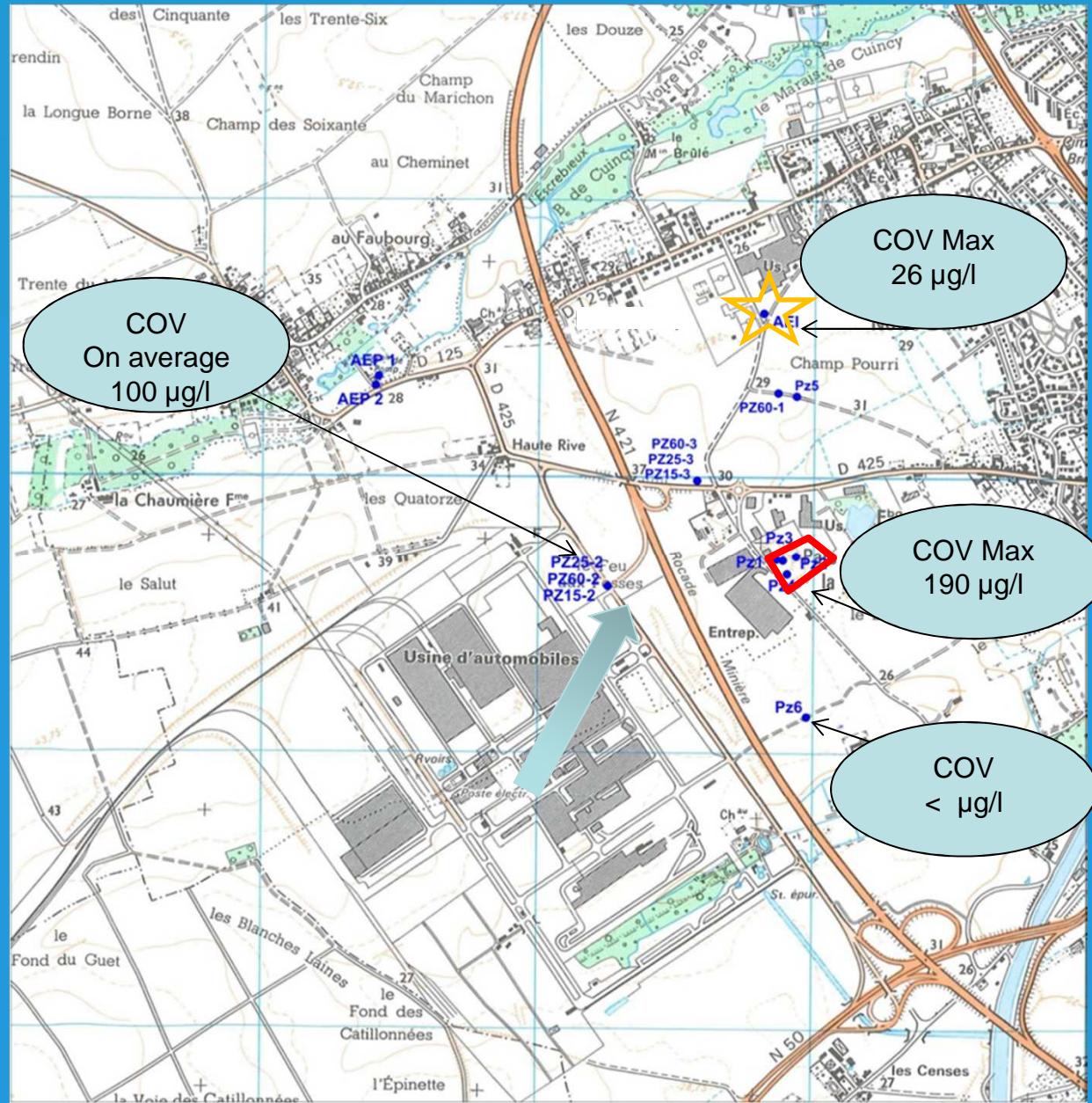


# Former industrial sites as origin of brownfields

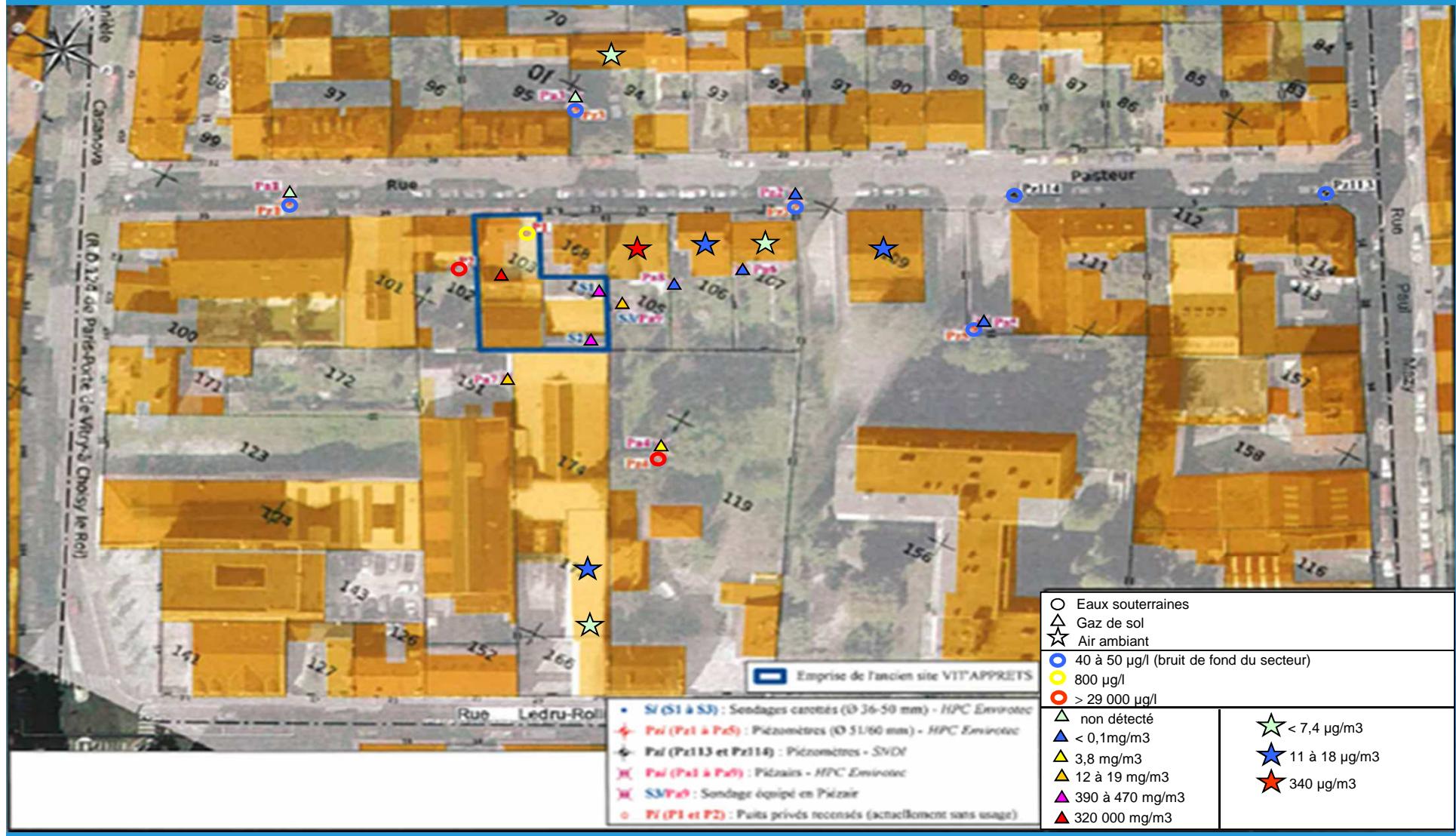


Polluted area : incertitude for brownfields reconversion

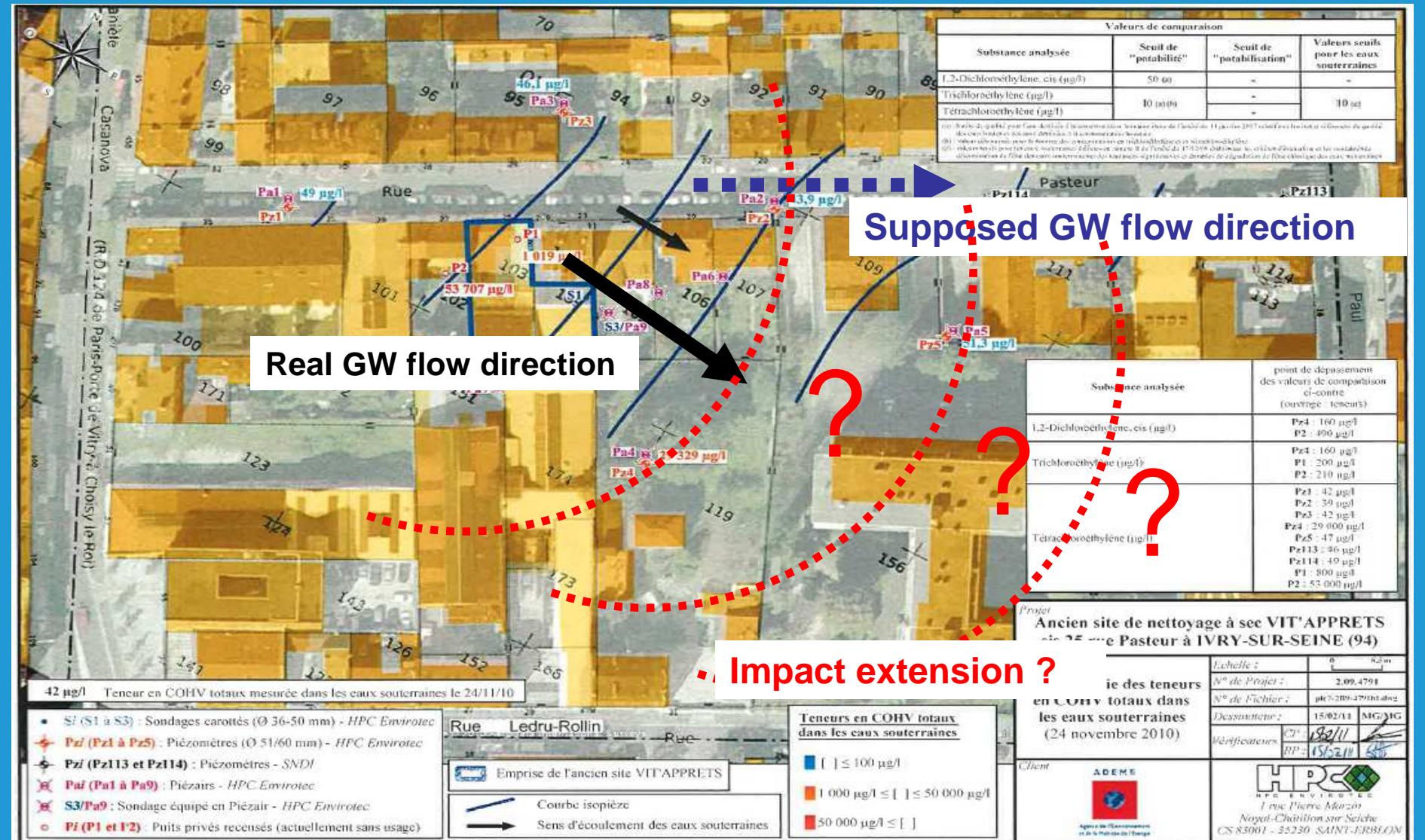
# Areas impacted by several sites: How to deal with the "polluter-pays" principle ?



# VOC in urban area : an invisible problem ?



# VOC in urban area : incertitudes ...



# Communication with neighbours: different perceptions

- Numbers of actors with different interest
- Perception of the “risk” notion
- Perception of remediation process (time, efficiency, ...)
- ...

... need some methodological tools !





**Thank you for your attention**