





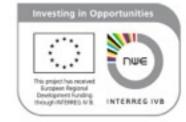
## RainGain International Local Government Conference on Surface Water Flooding

Ph. Bompard & A. Ichiba London, Wednesday, 8 October 2014

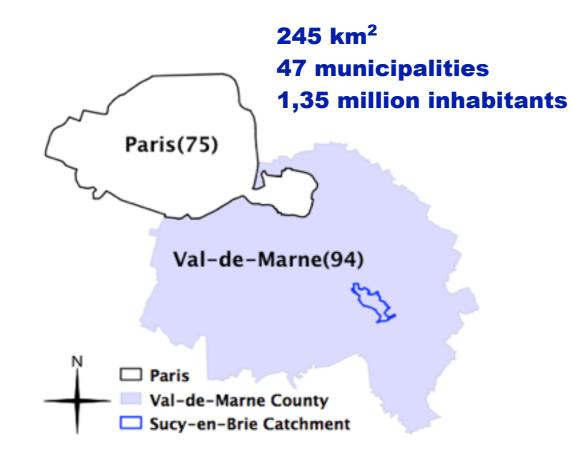




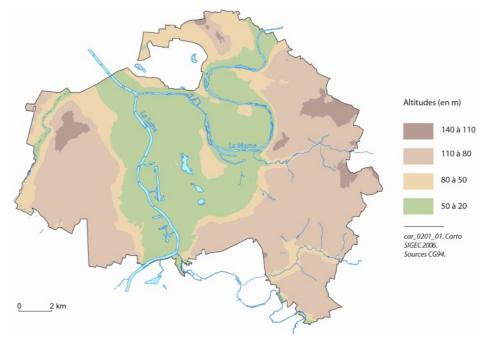




## local enivrement

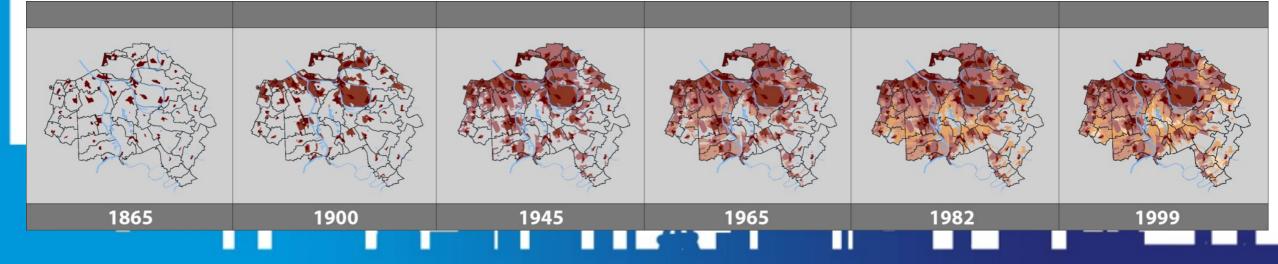


#### **Flate Topography**



#### 2 main rivers in Paris region( Seine & Marne)

#### **Increase of urbanisation**

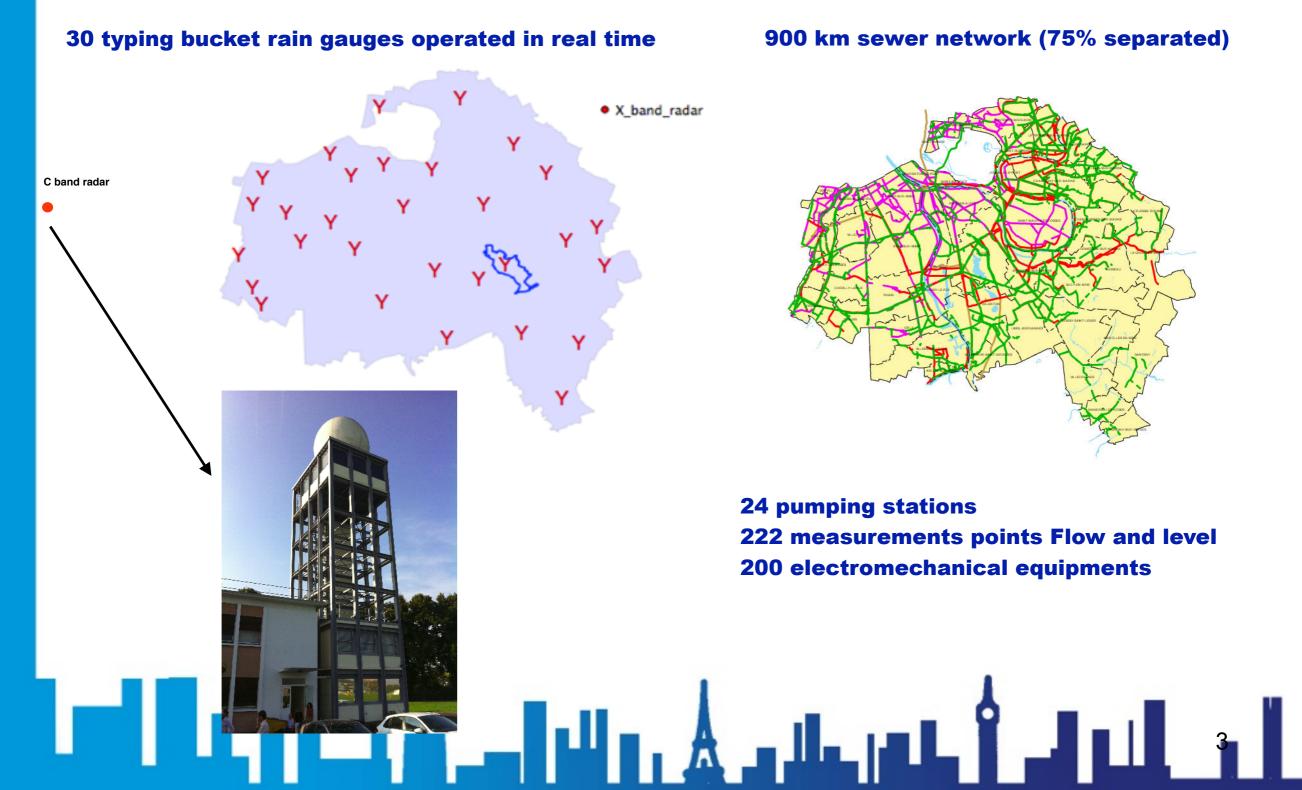








### Sewage system and equipments



#### 900 km sewer network (75% separated)



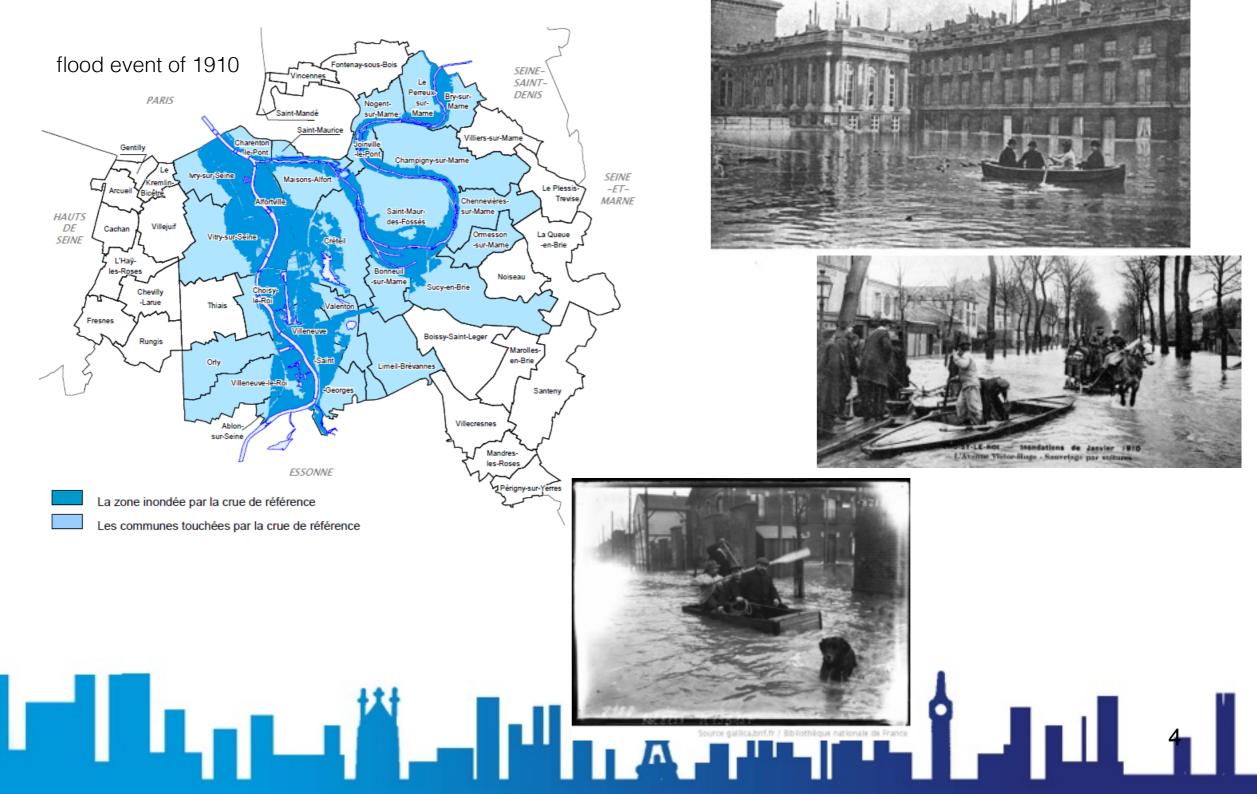
24 pumping stations **222 measurements points Flow and level 200 electromechanical equipments** 







## Flood issues: river flood









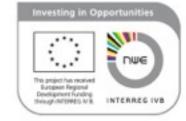
## Flood issues: river flood

#### small protection wall

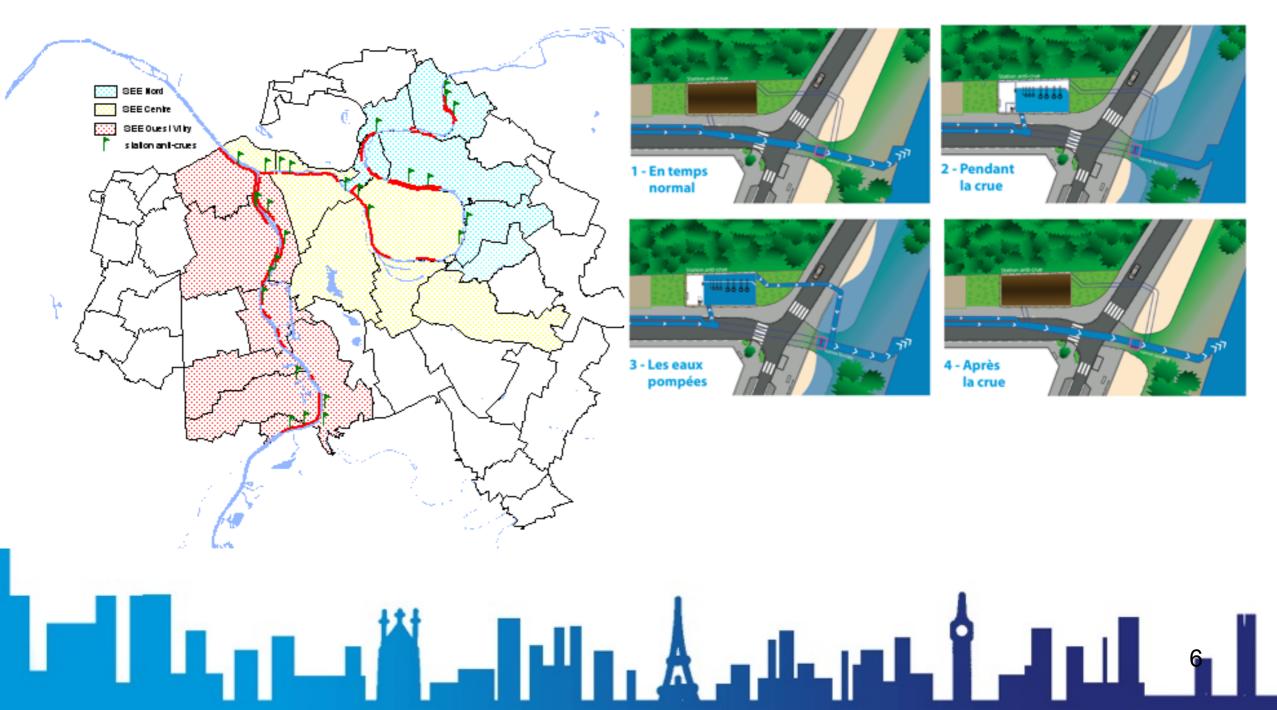








## Flood issues: river flood



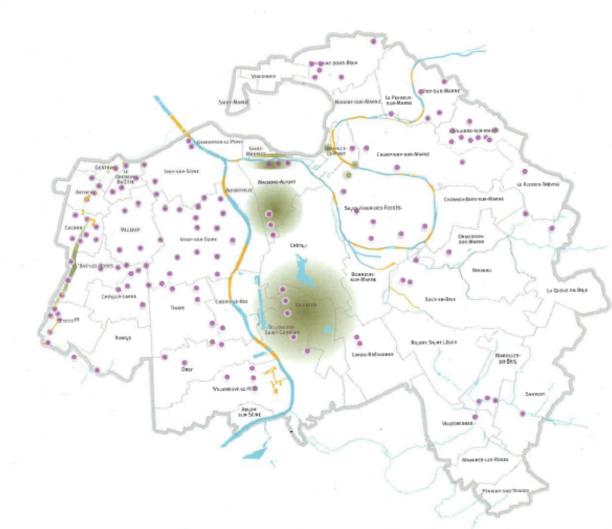
#### Anti flood station







## Flood issues: sewage flood







## 

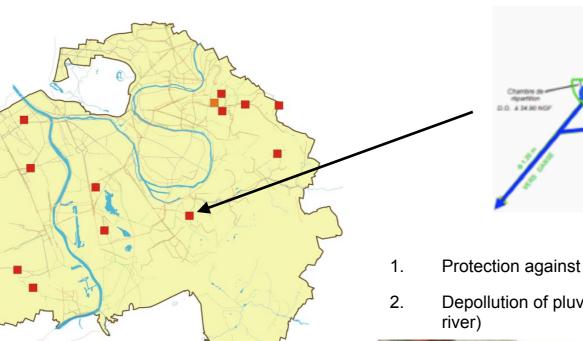






### Flood issues: sewage flood

#### Sucy retention basin (10 000 m3)



20 storages basins, from 200 to 75000 m3



2 compartments ==> 2 objectives

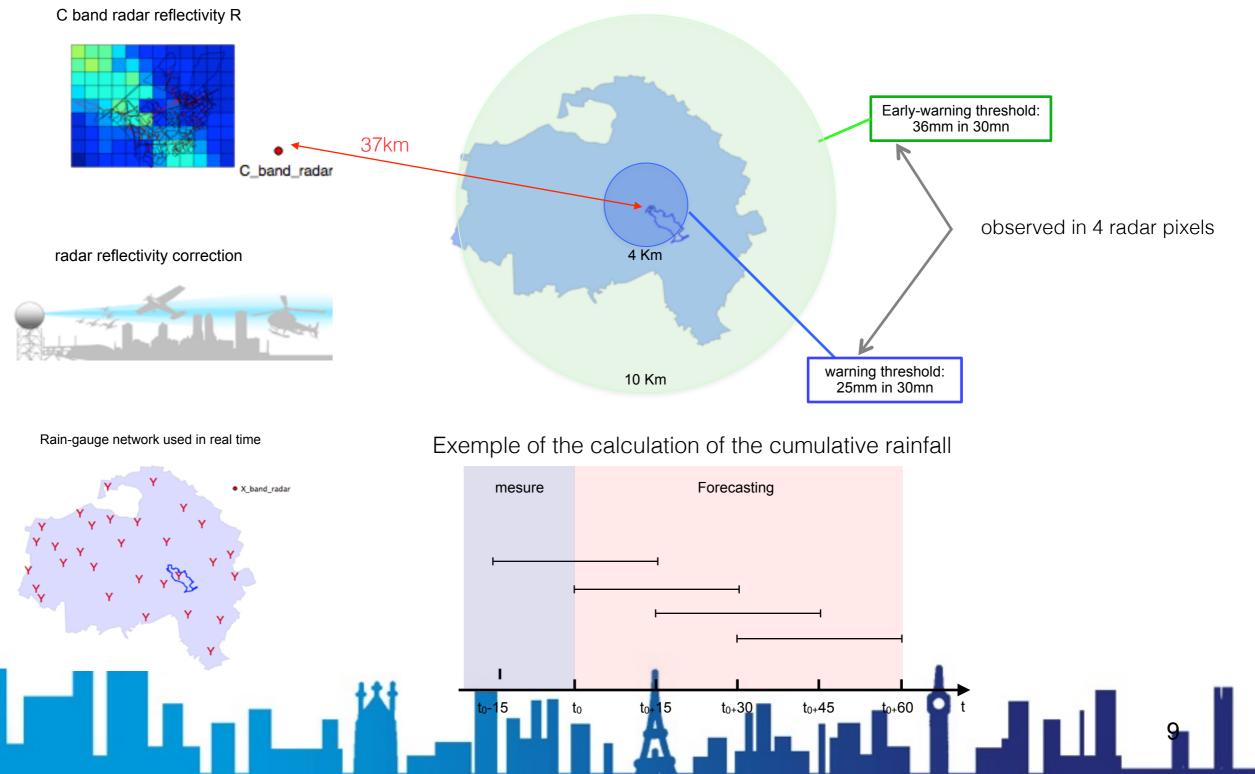
- 1. Protection against flooding by volume storage during the peak flow
- 2. Depollution of pluvial water before releasing it into the natural environment (Marne river)







## radar forecasting system









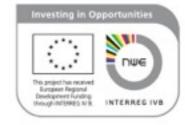
## Anti flood exercise



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## Thank you for your attention

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