



Has Rennes a heat island? From sensors and climate models to remote sensing and ecology issues.

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► To cite this version:

Xavier Foissard, Alban Thomas, Jean Nabucet, Hervé Quénol, Vincent Dubreuil, et al.. Has Rennes a heat island? From sensors and climate models to remote sensing and ecology issues.. International Long Term Ecological Research Network & LTER-France (Zones Ateliers Network & Critical Zone Observatories) joint conference , Oct 2017, Nantes, France. hal-01662257

HAL Id: hal-01662257

<https://hal.science/hal-01662257>

Submitted on 12 Dec 2017

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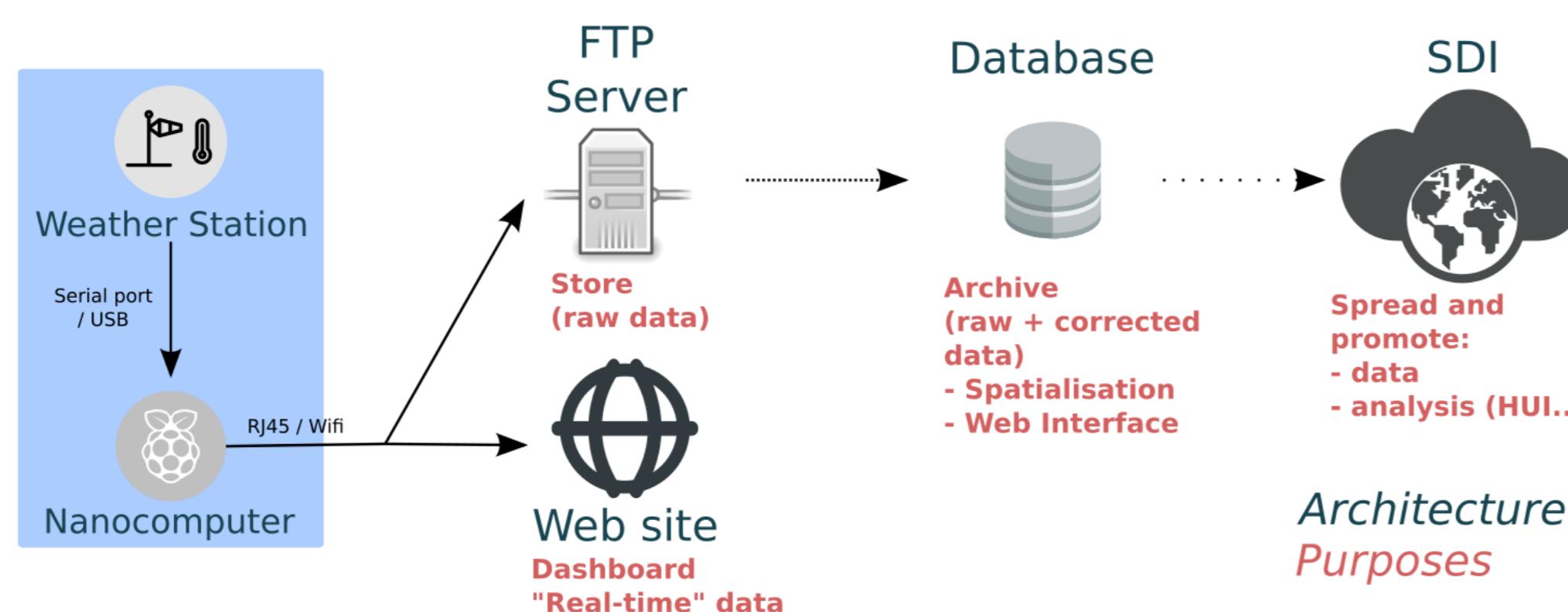
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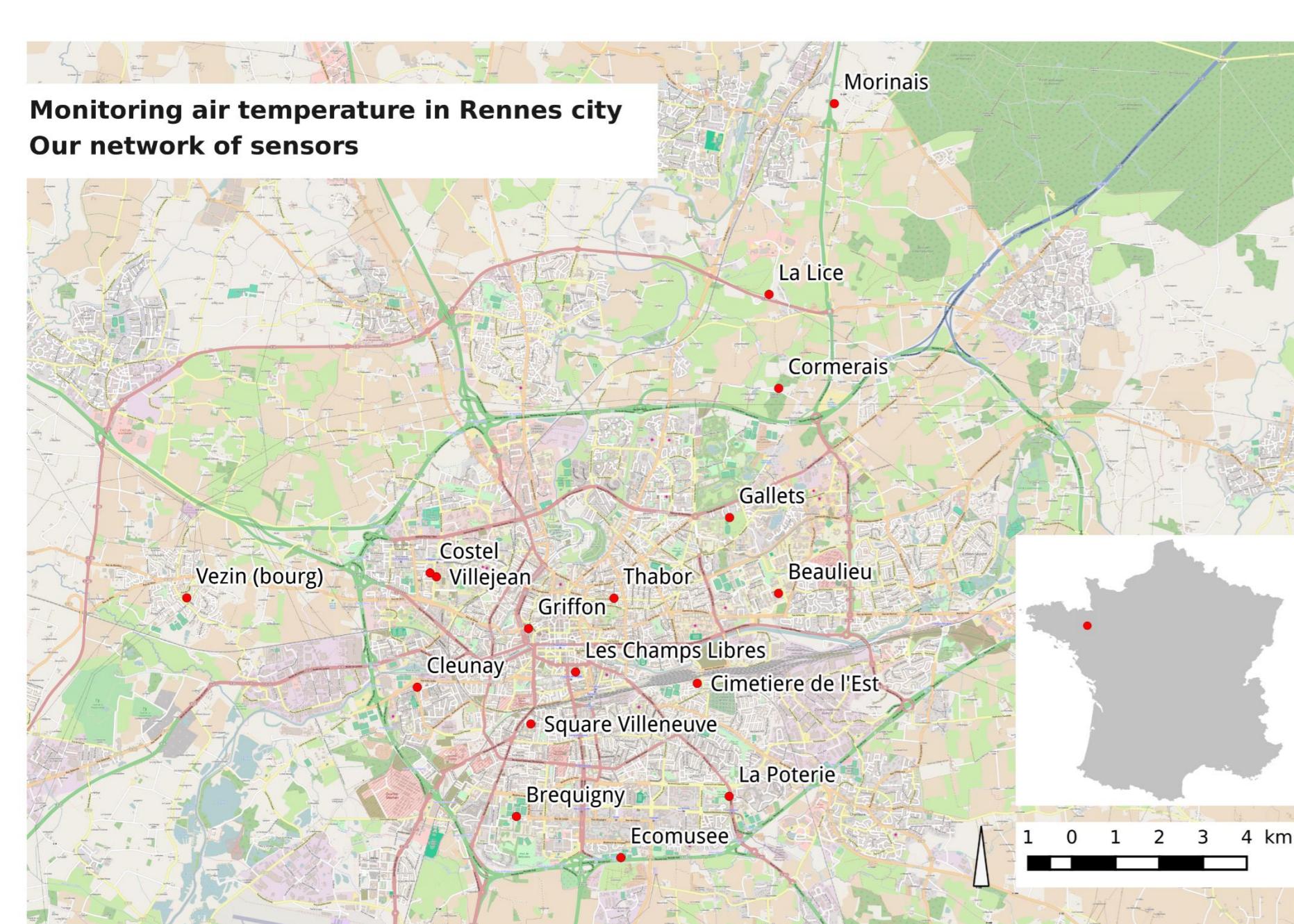
Network of sensors

Air temperature
is monitored in Rennes city
(Brittany, France, CNRS Zone Atelier
Armorique) with 1st measures in 2003.

Our network: ~20 permanent weather stations (+ temporary mobile sensors)



Data collected using cheap nanocomputers

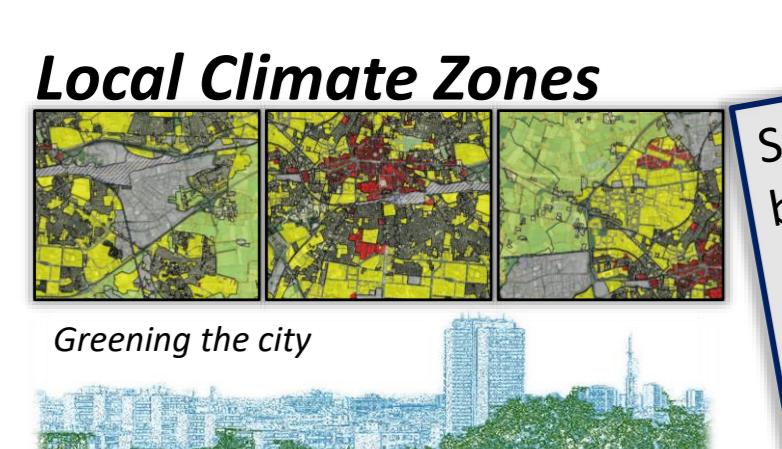
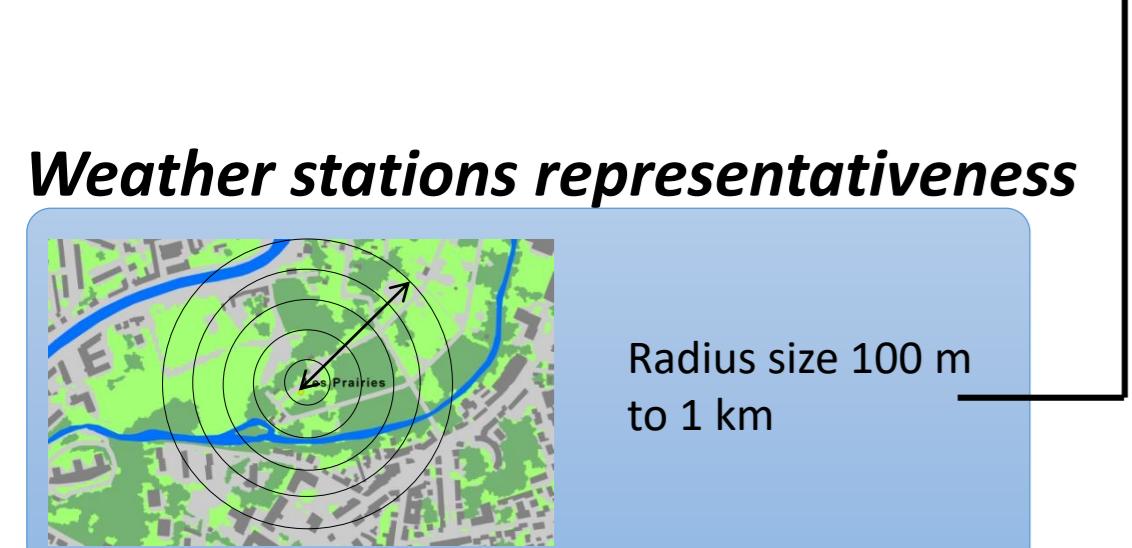
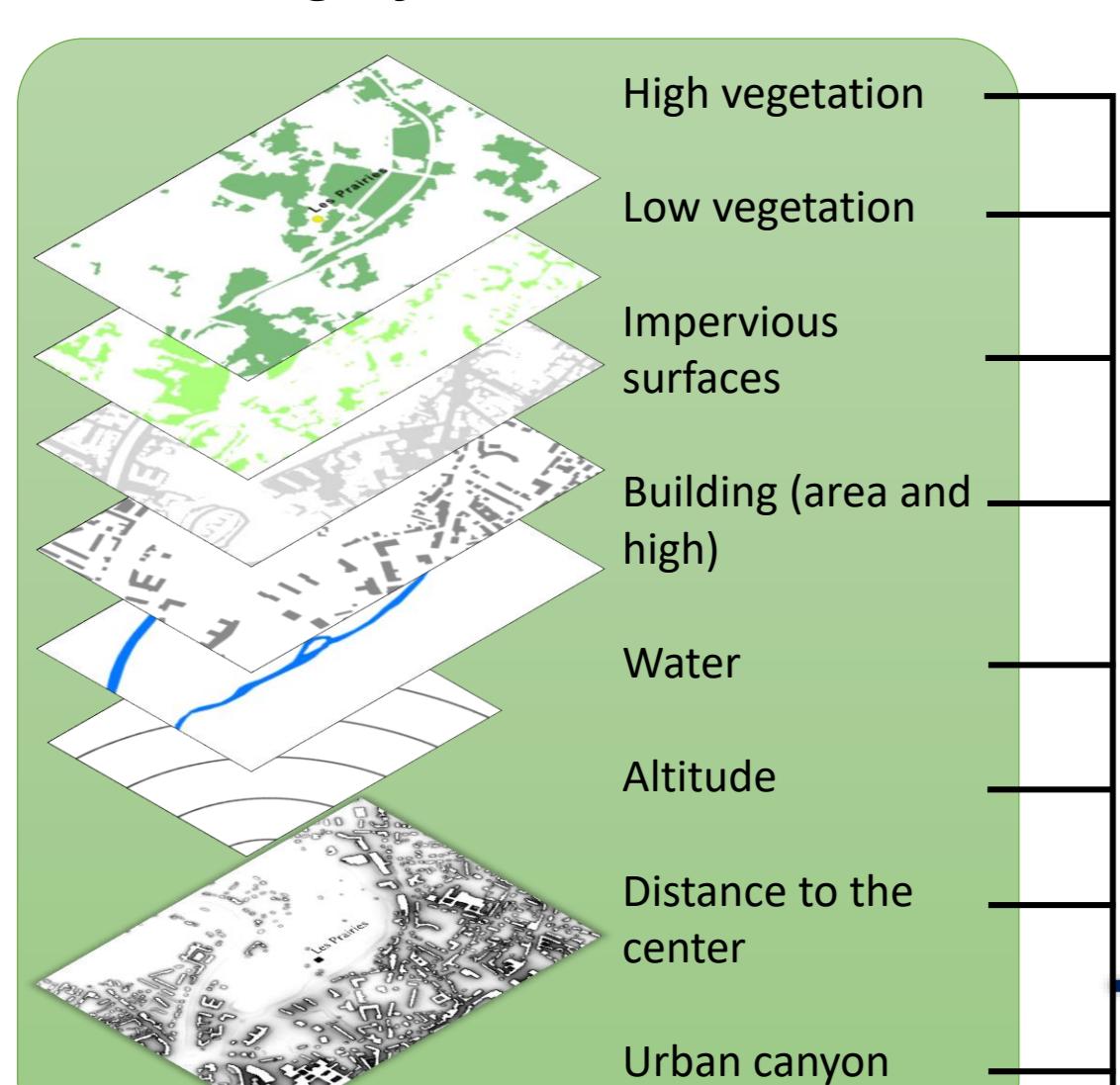


Watch out: https://osur.univ-rennes1.fr/meteo_rennes/

Linking the UHI
observations and the
land-use context. &

Spatial variability

Multi-criteria method for a spatial
modelling of the UHI



Temporal variability

Analysis of the UHI intensity
according to weather conditions

