



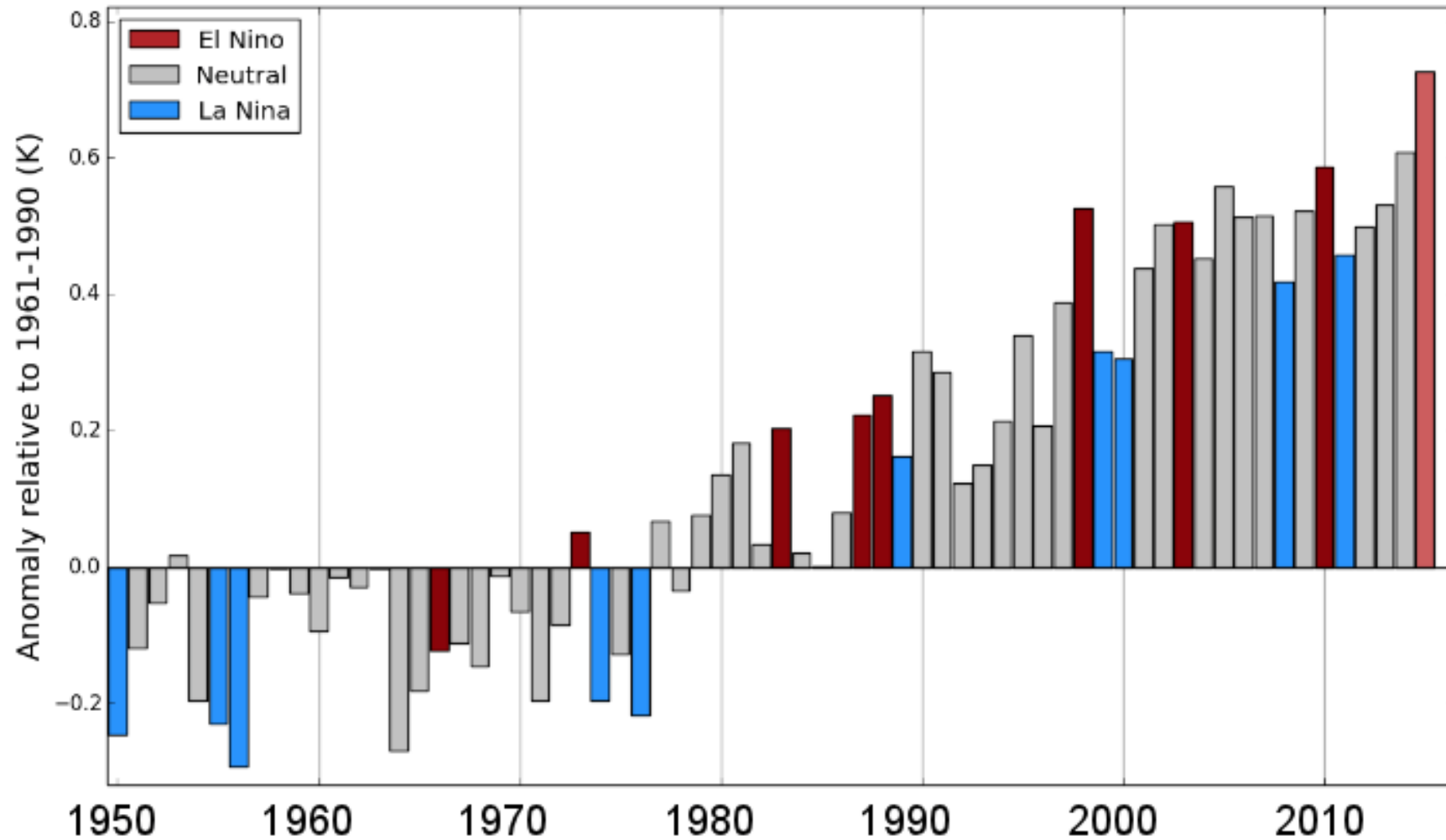
Water management and adaptation to climate change

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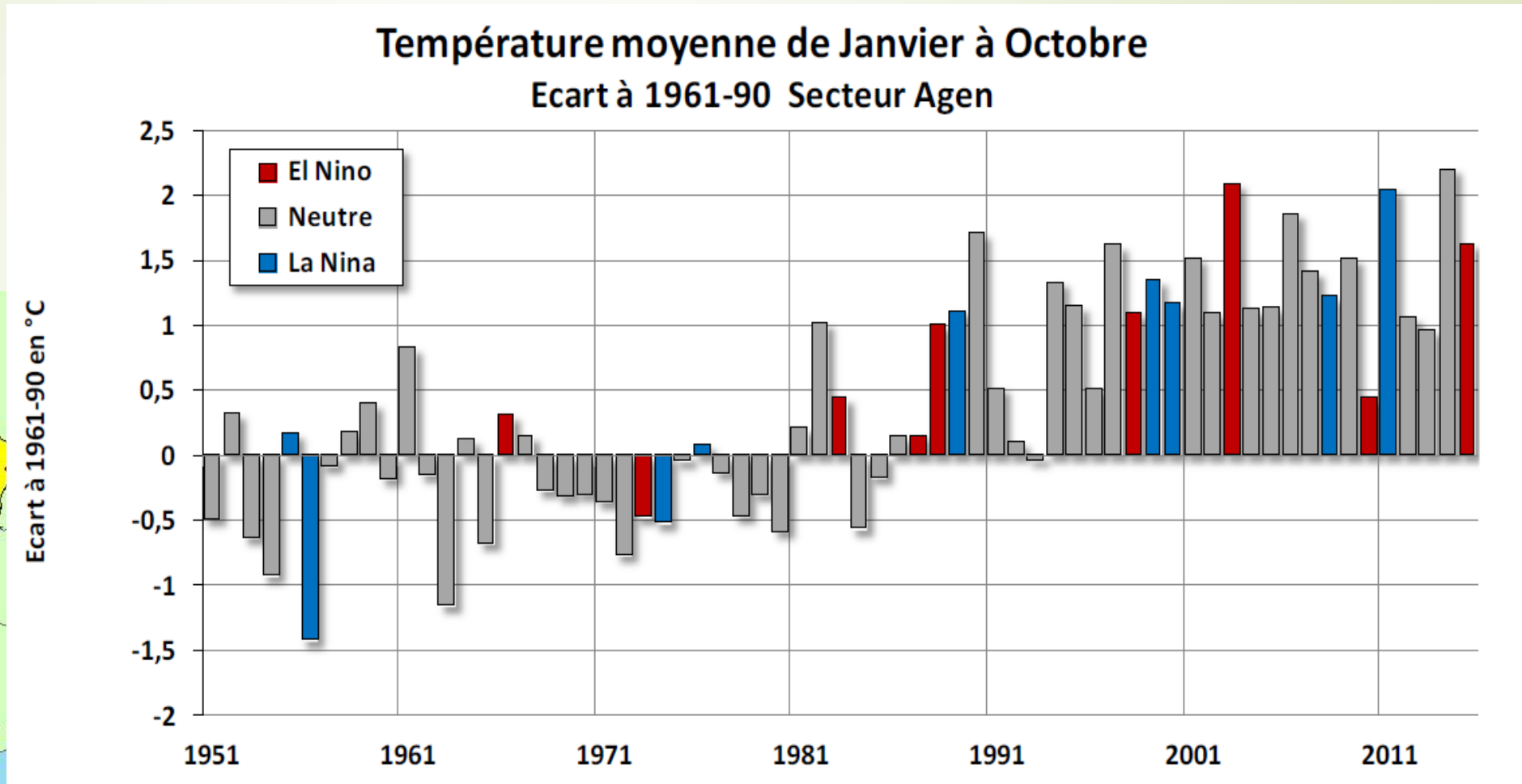
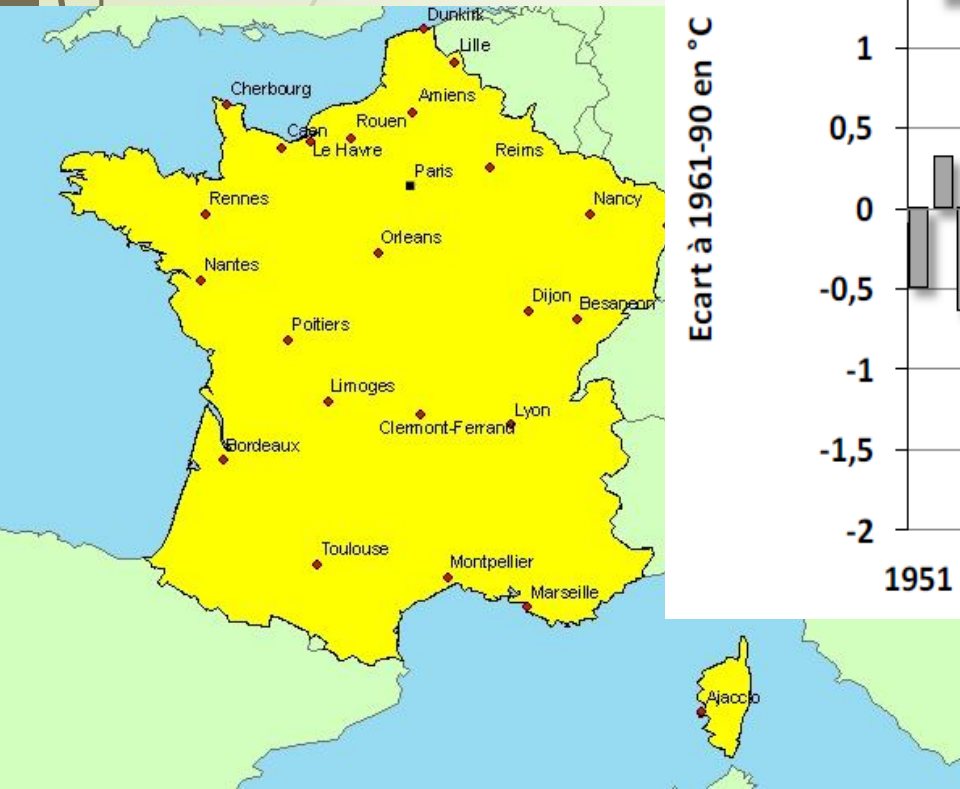
Global surface temperature anomalies 1950-2015

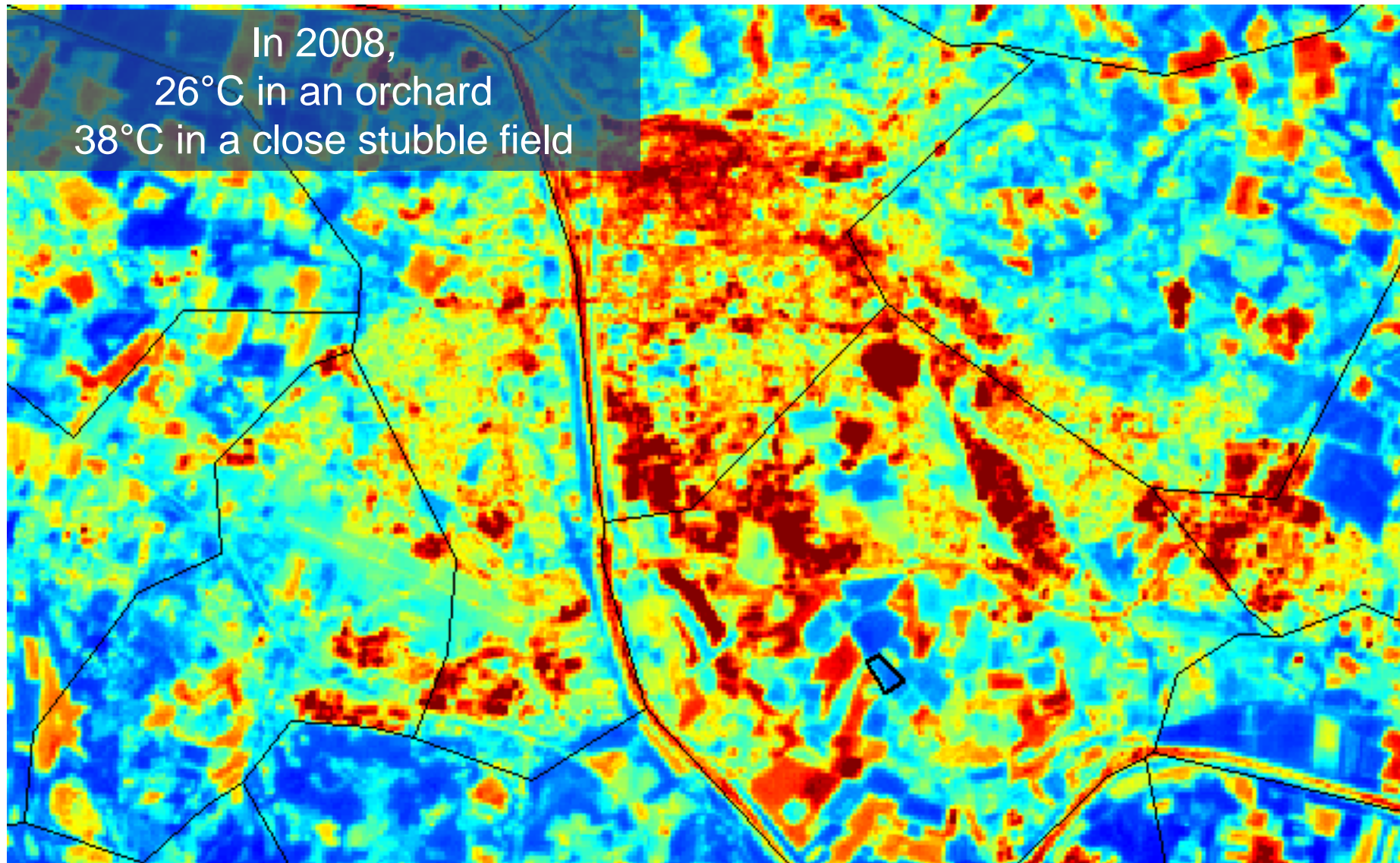


Anomalies relative to 1961-1990 - For 2015, January-October



What happened in Agen during the last 50 years!





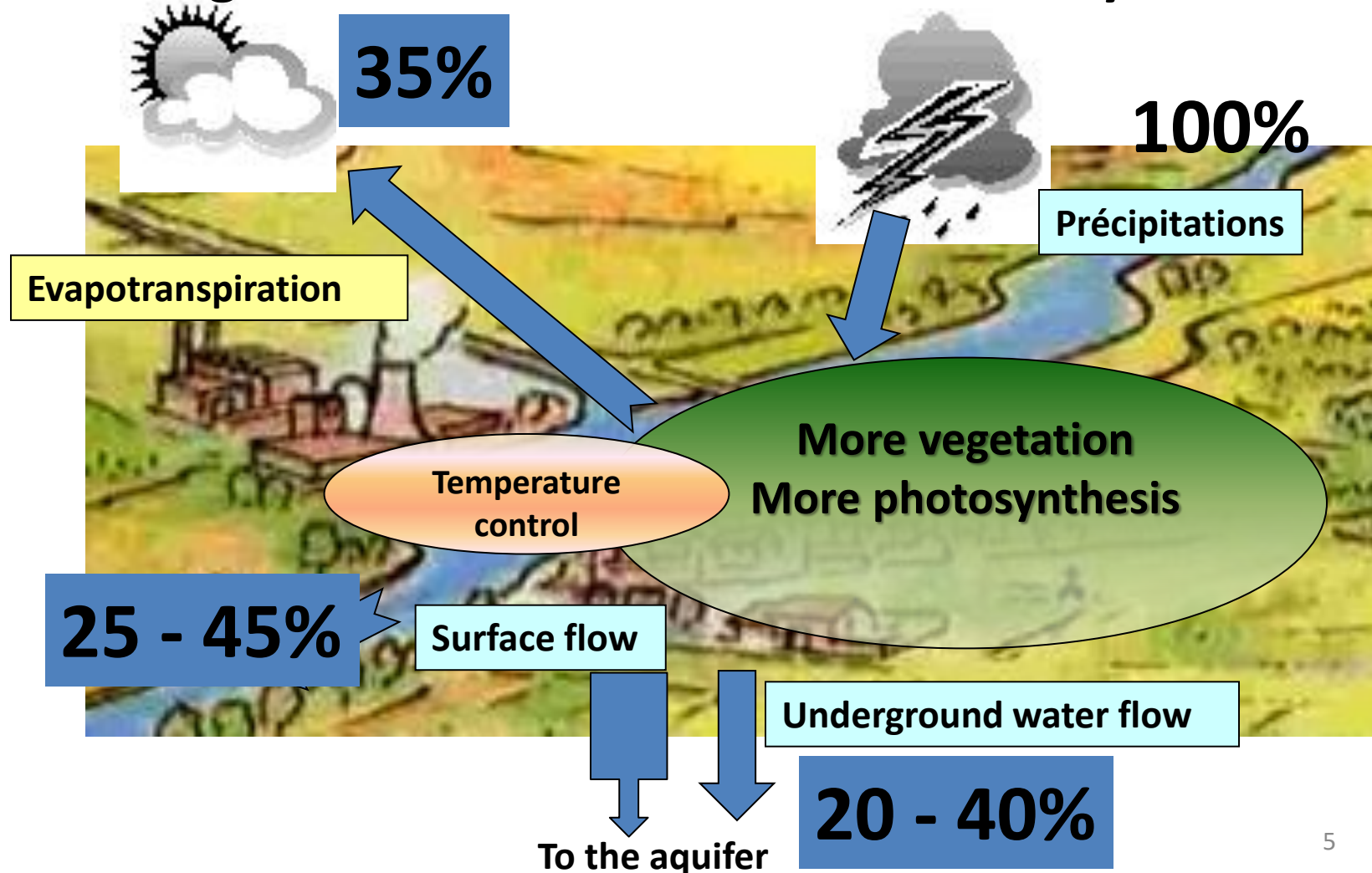
Micro-climatic link between the city and the surrounding country



WATER AND VEGETATION PLAY A ROLE IN MITIGATING THE CONSEQUENCES OF CLIMATE CHANGE

Sealing limitation

Storage of water and diffusion in the city .



How to get it?



- **By applying the rules of Mediterranean Ecology**
- **By storing water in artificial lakes and ponds and by recharge of aquifers . (research projects)**
 - **By using this stored water for enhancing evapotranspiration during and thus decreasing significantly the gradient of temperature .**



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Let's have a dream



The sustainable cooling of the cities .

- Looking for solutions based on water and vegetation for decreasing the temperature in the centre of the cities in a natural and sustainable manner, providing more comfort and more healthy conditions to the citizens .



Presently, 2 research projects

- What kind of tertiary treatment is needed for the recharge of aquifers by the effluent of the wastewater treatment plant
- How storm water collectors could be better designed for facilitating the reuse of this water (including a preliminary treatment in the collectors)

From other part , the project of new industrial park will take into account a more effective water management and a positive contribution to heat waves mitigation .



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