

Consulting

# Lights ON #10

Arles, France





# Arles



SUEZ Consulting guarantees the implementation of associated measures to improve the control of overflowing floods along the Rhône



Define and implement accompanying measures to improve the management and evacuation of volumes of water discharged in the event of a flood of the Rhône, without breach, with a flow of more than 11 500 m<sup>3</sup>/s

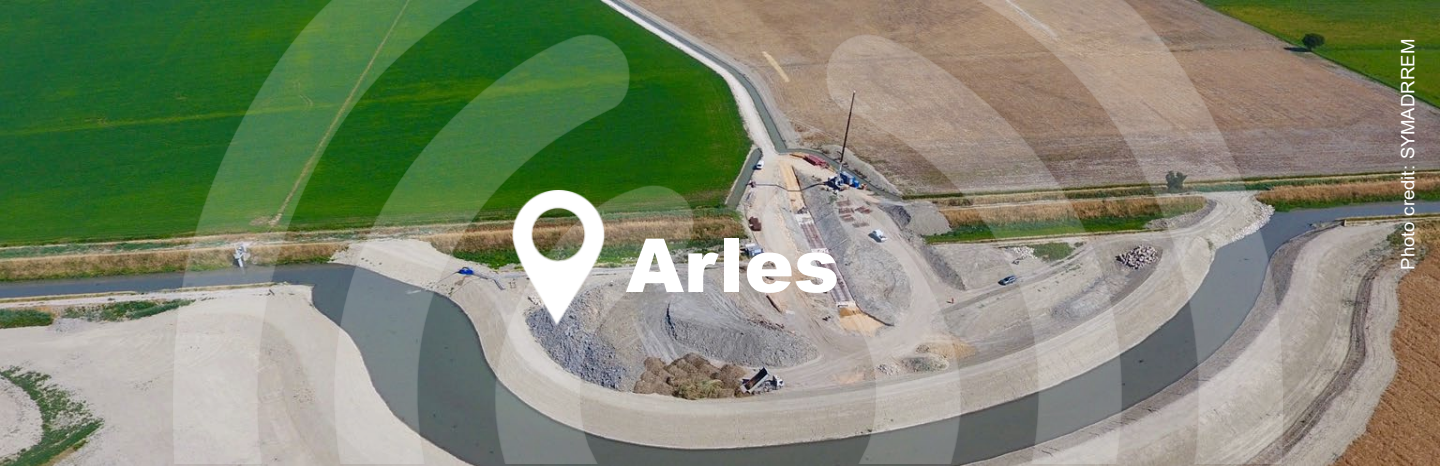


Commissioned by the SYMADRREM, a union in charge of the construction, reinforcement and the maintenance of protective infrastructure along the Rhône



A 2-year design & build mission started in August 2019 and will be completed in November 2021





## Teams' expertise

- Creation of a 300m long siphon on the Alpines irrigation canal and levelling of its dike to allow the flow of the Rhône of overflowing floods.
- Creation of a transfer ditch to guide the water from West to East
- Creation of a 2.2m x 2.5m siphon allowing the water from the Rhône to flow under the Vigueirat canal



## main objectives

- In addition to the creation of the Tarascon-Arles dike:
  - Identifying obstacles of the water flow of the Rhône and facilitate it.
  - Protecting the southern districts of Tarascon for the reference floods (May 1856)
  - Reducing, by two, the time span of water drainage in the Tébon plain, in the event of an overflowing flood of the Rhône
  - Lowering the water line in the Trébon plain



Photo credit: SYMADRREM

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