



# **1<sup>st</sup> Roundtable report: Water and Climate Change Adaptation at River Basin Level**

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24 March 2017

# Key issue

- The CC impacts on water resources are already a reality in the MED region
- MED region is very vulnerable to CC
- The forecasting shows an increasing of the impacts:  $t^{\circ}$ , P, draught, flood, forest fire
- The impacts on water resources are confirmed locally

# Key issue

- The need in water will increase, namely for agriculture
- The CC will entail the unbalance between territories and social and economic disparities

# Key information and key outcomes

- The necessity to get a wide understanding of phenomenon
- Improvement of hydro climate forecasting
- Develop tools to support decision making
- Favor the sharing of information among regions and actors
- Reinforce the capacities
- Adaptation to CC must be done at local, basin or sub-basin levels
- A set of adaptation measures to CC is needed

# Key information and key outcomes

- Measures should allow rationalization of water uses, demand management, water saving
- Develop measures on rain harvesting and storage
- Develop the “desimpermeabilisation” of soils, favor the aquifer recharge
- Develop basin management for a better management of flood
- Promote the treated waste water reuse
- Look for integrated solutions to fight against flood and to improve water efficiency

# General Conclusion of the roundtable

- Need of research and monitoring
- Importance of data to be used by models
- Interest for integrated vision at LT and develop local actions
- Look for coherency among various sectors in relation with CC and sustainable management of water

# General Conclusion of the roundtable

- Need to mobilise necessary means at MED scale
- Need to reinforce the partnership and international cooperation
- Importance of exchanges and sharing information
- Importance of communication