# Case study: Tucson Basin

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<u>Topic</u>: Web-based GIS applications supporting the Integrated Water Management

#### Objective:

Development of web-based GIS applications for visualization of hydro-climatic information at a river basin level

### **Future Research Tasks:**

- Collection, processing and analyses of available hydro-climatic data for Tucson Basin;
- ❖Development of a GeoDB of Tucson Basin
- Development of Metadata Catalogue
- Adaption of a suitable RCM for the Basin and climate scenario analyses;
- Development of an interactive web-based platform for visualization and analysis of hydro-climatic information

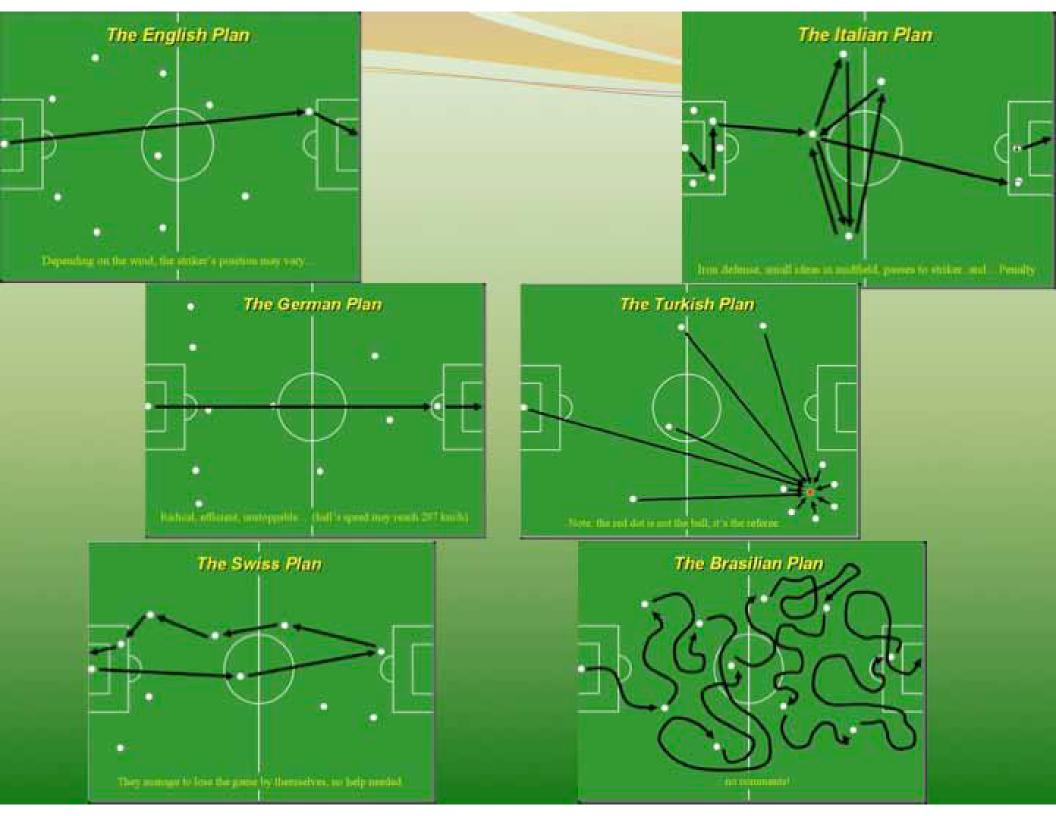
## Stakeholders to cooperate with:

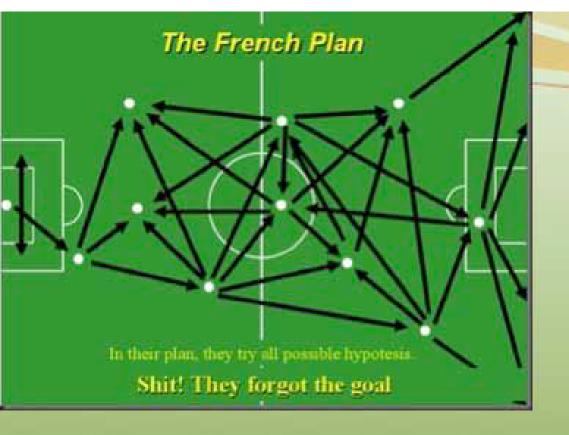
Tucson Water

Pima Association of Governments

Arizona Department of Water Resources

❖Pima County





## Tucson Basin case study work strategy



Thank you!