

Water Risk

OBJECTIVES

Pacific Institute’s objective was to coordinate a clustered pilot in the Noyyal-Bhavani River Basin in South India where three global apparel companies have facilities and operations to drive action informed by catchment context. Anthesis worked with the Pacific Institute, in collaboration with the Ashoka Trust for Research in Ecology and the Environment (ATREE), and the three apparel brands, to conduct a water risk assessment of supplier facilities.



PROJECT

The goal of the project was to leverage combined data and tools to develop a holistic picture of basin risk within the area combined with facility-level water consumption data to enable target setting and improvement planning. Anthesis produced this analysis by using these four resources:

- Global datasets from the Aqueduct Water Risk Atlas and Flood Risk Analyzer tools
- Higg FEM 3.0 apparel facility data, a Sustainable Apparel Coalition tool that enables brands, retailers, and facilities to accurately measure and score a company or product’s sustainability performance.
- Basin-level assessments from the Ashoka Trust for Research in Ecology and the Environment (ATREE)
- Information from facility data forms

SERVICES

Anthesis produced an interactive Tableau dashboard, to display facility water management data and to highlight location-specific shared water risks. It was used by the Pacific Institute as a key part of the engagement process, to gain stakeholder buy-in and provide an element of credibility to the process. Our analysis factored in current, local, operational and shared water challenges to formulate targets and strategies to reduce overall consumption.

IMPACT

By combining data from disparate sources and showing how they can influence each other, Anthesis provided Pacific Institute with the tools to be able to communicate complex information effectively to the apparel brands and individual facilities.

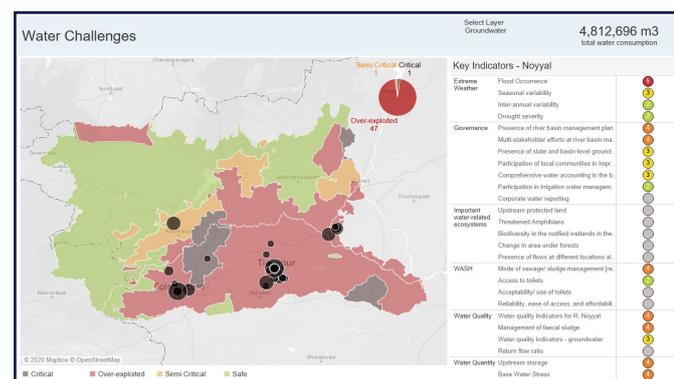
The shared water risks illustrated in the dashboard provided context to develop collaborative solutions and ideas amongst the three apparel companies. They will have the opportunity to align around ambitions and pursue some of the project ideas with Pacific Institute’s support in the next phase of the pilot.



Anthesis was an integral and excellent project partner; the dashboard was instrumental in stakeholder engagement and the visualization helped everyone ‘see’ the risks we were studying.

Sonali Abraham,
Research Associate, Pacific Institute

Tableau Dashboard



[Read Pacific Institute’s Case Study >](#)

For further information

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