

Institute for Advanced Studies on Science, Technology and Society (IFZ-STS)

Project: A policy priority for developing countries of sustainable consumption and production: options for change in case Uzbekistan.

***Phase A. Installing a Household Water Treatment Technology in
the Uzbekistan: Case Study of Launching Aquatabs in
Uzbekistan.***

Mid-Seminar

Anarbekov Erbol

Project name: **A policy priority for developing countries of sustainable consumption and production: options for change in case Uzbekistan.**

Abstract

The trend of economic growth in the developing countries considering extremely important including, to reduce poverty and improving living standards of their populations. In contrast, the great part of industrialized countries instead of economic growth paradigm stands alternatives such as 'qualitative growth', focusing on to achieve 'quality of life' that does not depend on materialism or increasing income, as Western countries policy. As a newly developing country Uzbekistan the optimization of the harmonic interaction of environmental and mass consumption and production including rational using resources shift on level of new innovative technologies has become by far one of the "hot topic" in academic and policy debates in Uzbekistan.

The importance of considering the felt needs of population either direct or indirectly affected by the project is increasingly recognized as a general strategy in social development. The need assessment was the first stage of Phase A and focused on household water use, sanitation, and health conditions in both urban and rural communities. In this regards, the overall objectives of the need assessment for the Uzbekistan is Water Supply and Sanitation is chosen.

Phase A.

Installing a Household Water Treatment Technology in the Uzbekistan: Case Study of Launching Aquatabs in Uzbekistan.

The developing regions of the Uzbekistan have faced numerous challenges in sustainable consumption of freshwaters when using grounded water resources and piped water supply system. This research attempts to examine the Household Water Treatment (HWT) using approaches from science and technology studies. Taking the example of household water treatment technology to have access to good quality drinking water, this paper summarizes findings from Aquatabs water purification case study, low cost installation of Water Treatment Technology in Domestic condition that manufactured by Medentech (Wexford, Ireland). By focusing on the techniques of launching household water treatment, namely Aquatabs, with an effort to show how low-cost drinking water techniques can be viewed as a stepping-stone and realizing rapidly, favorable institutional and market condition in Uzbekistan.

Keywords: **Social development, sanitation, pipe, household water treatment (HWT), Aquatabs.**