

Abstract

Innovation and the Energy–Water–Food Nexus

The energy–water–food nexus provides an opportunity for innovation in technology, partnerships, business models and funding. Examples of innovation platforms such as X-Prize, 101010 and House of Genius will be presented along with examples of innovation at the energy–water–food nexus. In particular, innovation in providing access to safe drinking water will be presented—to “democratize” access to safe drinking water. Stakeholders need 21st Century technology solutions to achieve SDG 6.1 Accelerating technology innovation coupled with catalyzing an ecosystem of stakeholders to fund and deploy these technologies shows promise in ensuring universal access to safe drinking water. Technology innovation and entrepreneurs outside the traditional water sector can bring new ideas and strategies to address the poor access to safe drinking water.