

Lessons Learned in DOE Environmental Technology Development

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Abstract

Science and Engineering Associates has developed several technologies for the DOE Office of Science and Technology (EM-50). These have ranged from simple characterization systems to more involved monitoring and remediation designs. Most have been relatively simple in concept, successfully developed to meet the original needs statements, and easy to demonstrate. Deployment and commercialization success has varied from successful sales of the technology outright to no deployment whatsoever. The factors that influence product success include: changes in the DOE needs over the course of the development, priority and budget cycles that eliminate needs, apparent technical needs that were not mandated by regulatory drivers, and product development paths complicated by multiple user needs and resulting lack of focus. Case histories and deployment/commercialization successes will be described in this overview.