



“Testing the Waters and Making the Grade”

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Site Characterization and Monitoring – The Fundy Applied Sensor Technology (FAST) project

The FORCE test site in the Minas Passage offers unique challenges and opportunities: the tidal flow boasts 14 billion tonnes of water moving at speeds in excess of five meters per second. Understanding this powerful environment is critical to successful turbine design, as well as building public and investor confidence, monitoring environmental effects, and ultimately unlocking Fundy’s enormous energy potential. FORCE is moving forward with the FAST platform: a recoverable instrument platform designed to monitor and characterize the FORCE site. FORCE installed a subsea data cable in 2013 - the first ever installed in the Minas Passage - and will soon fabricate the first recoverable ‘lander.’ The FAST program represent a unique opportunity for instrumentation and ocean monitoring in one of the world’s most powerful high flow sites.