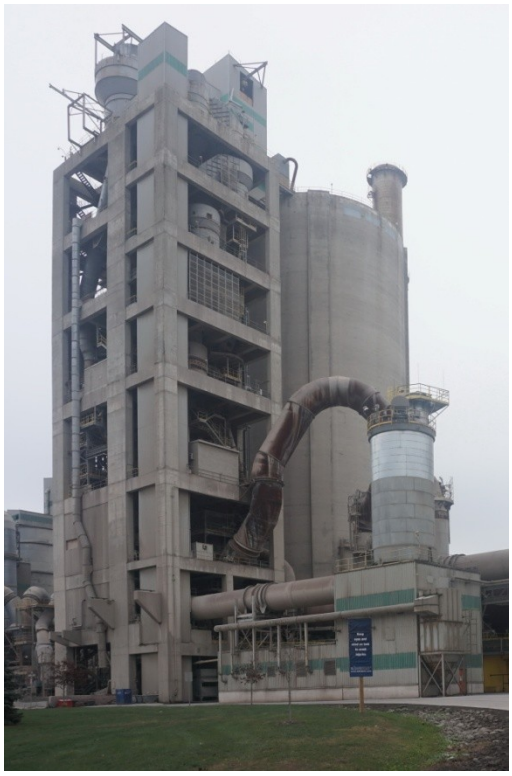
St. Marys Cement

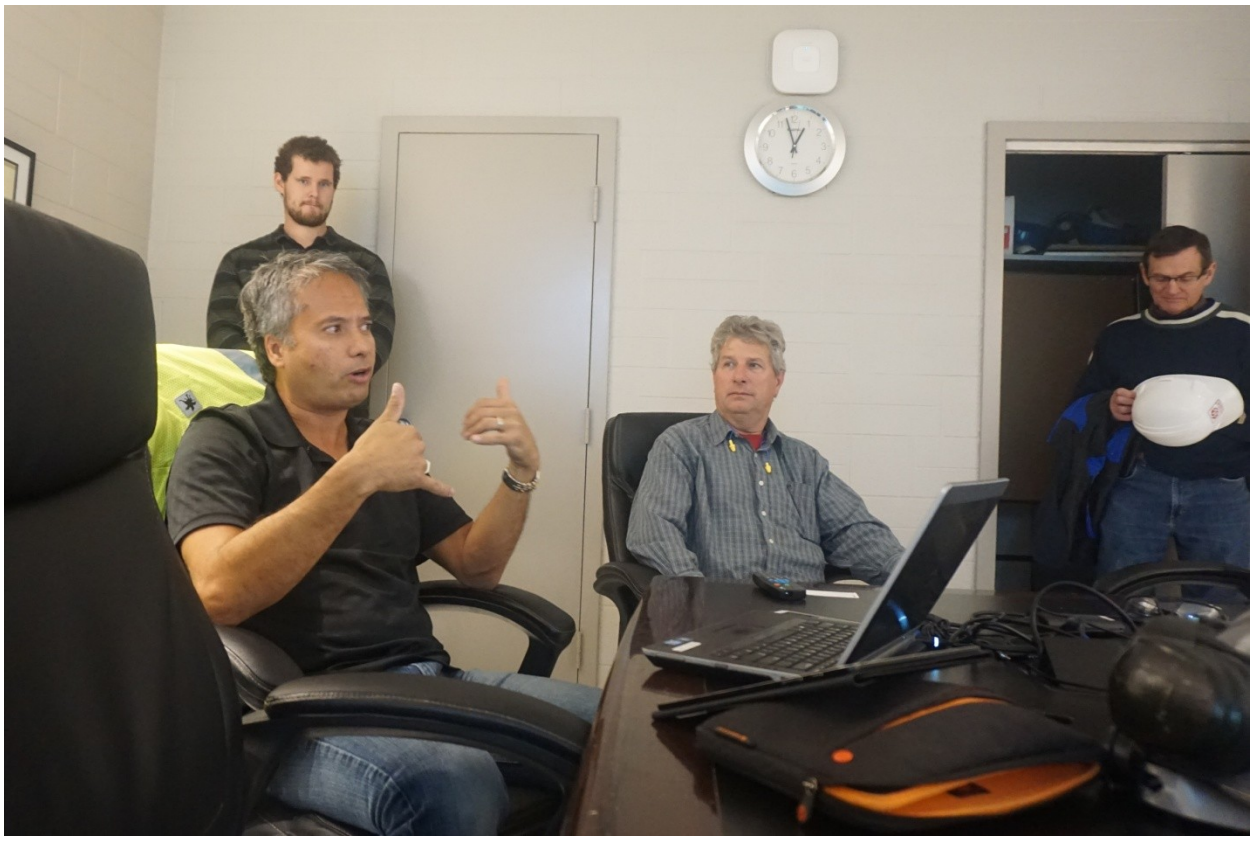
Bowmanville, Ontario

IEEE - OACETT - PEO Plant Visit
October 29th., 2016.

Today, in the dynamic international business environment, St Marys Cement is part of Votorantim Cimentos. One of the largest cement producers in the world, Votorantim Cimentos operates 25 cement plants in the Americas and has a combined capacity of 28 million metric tonnes per annum.

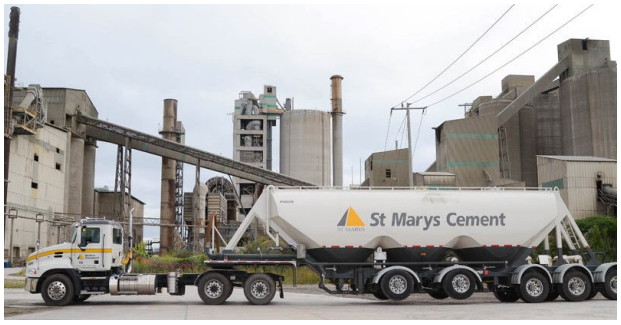


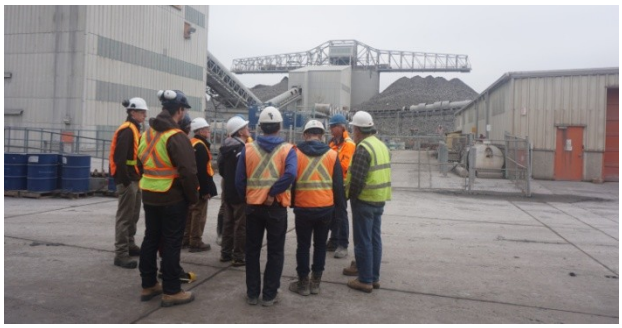
Both Votorantim Cimentos and St Marys Cement symbolizes a long heritage of excellence and commitment. St Marys Cement manufactures a variety of cement for different purposes - normal, high-early strength, low heat hydration, sulphate-resisting as well as other supplementary cementitious products - in bulk and as bagged product. Products are rigorously tested to meet the high standards demanded by today's dynamic construction needs. In 1912, cement was carted from the St Marys Plant through horse-drawn carriages. Today, distribution is accomplished through a sophisticated network of terminals throughout the Great Lakes Region, serviced by barge, ship, rail and truck.



Our tour was conducted by Martin Vreogh, Director Environmental Affairs - North America and Marc Vermeire - Director Engineering and Capex, North America (seated left and right respectively) who gave up 4 hours of their week-end to welcome us and to provide a most informative and compelling narrative on the Bowmanville facility. The wide variety of technical problems encountered in the manufacture of cement held the attention of the group. Of major interest was the work being done developing bio-fuels of which carbon dioxide (their major by-product) is the primary input. It would appear that the stretch goal is to become known as a producer of bio-fuels with cement as a by-product.

This tour was arranged as a follow up of the 2014 tour which was over subscribed. It was held on a Saturday morning to accommodate people who were unable to take the time during normal working hours It was attended by 27 IEEE-OACETT-PEO members. The tour was organized by IEEE Peterborough Section.





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