



# RAVEN REPORT

July 2015

## Yes to YES

The Yukon's Energy Solutions project has been launched by our friends at the Yukon Conservation Society. As they point out, energy covers much more than just electricity. Whilst most of our electricity comes from renewable sources, most of the energy we use for heating and transport comes from fossil fuels. As they say "We must break our addiction to fossil fuels and advance sustainable conservation and renewable alternatives to meet our energy needs". So YES is about moving closer to a sustainable energy Yukon. There are sustainable alternatives to fossil fuels around and YES is interested in the people using sustainable energy and the projects which are developing ideas.

### DID YOU KNOW?

Which country invented modern woodpulp paper? If you said Canada then well done, have a timbit, if you said Germany then hang on we'll get there in a bit. It was invented by a fellow called Charles Fenerty from Nova Scotia, who started work on it in 1838. Paper used to be made from pulped rags made from hemp, linen or cotton, the earliest form of recycled paper. It took a lot of experimenting but by 1844 Fenerty had made bleached paper from wood. He wrote a letter to Halifax newspaper the Acadian Recorder on a sample of his new paper in October 1844 to show the quality that could be produced. There was little interest at the time and Fenerty never continued with the idea, though he did see a wood pulp paper mill built near his hometown in his later years. Fenerty never patented his process but a patent was taken out in Germany (see, we did get here) in 1845 by Friedrich Gottlob Keller. He worked completely independently of Fenerty and developed his own wood-cut machine and process. By coincidence Keller also sent a sample out in 1844, in his case to the German Government. Again there was no interest. Keller sold his ma-

chine to a paper maker and the patent was issued in both their names. He never received any royalties though some German papermakers and later a group of countries did eventually give him enough money for a comfortable retirement. Wood pulp is still the main ingredient in newsprint as well as cardboard and office paper which go through a chemical process instead of the mechanical one. Though much these days comes from recycled paper. Some paper is still made with cotton, most often banknotes and high quality papers that people want to last for a long time.

### RECYCLING CLUB NEWS

If you haven't registered for the recycling club yet then you'll have to go online to do so. Only a limited number of books were printed and we have no more at Raven. You can't collect points until you have a number, so be sure to sign up before you bring in the recycling.



**RAVEN RECYCLING**  
Your Community Recycling Center

[www.ravenrecycling.org](http://www.ravenrecycling.org)  
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