

## **Northern Bruce Peninsula Official Plan Update 2017 Topic Papers**

**Prepared by the Bruce County Planning and Development Department**

### **Topic 3: Energy conservation, Air Quality and Climate Change**

This is another factor related to Built Form. Section 1.8 of the Provincial Policy Statement encourages:

- Compact form, nodes, and corridors;
- Active transportation
- Transit-oriented development
- Focusing freight-intensive land uses to areas well-served by major highways and other facilities (rail, air, marine);
- Improving the mix of employment and housing uses to shorten commute journeys
- Promoting design and orientation which maximize energy efficiency and conservation and considers mitigating effects of vegetation; and maximizes opportunities for renewable and alternative energy systems; and
- Maximize vegetation within settlement areas, where feasible.

#### **What we do right now:**

- Review applications for infill development and encourage landscaping in site development;
- Work to find innovative ways to permit cluster development while addressing servicing considerations.

#### **Some Possible Approaches for the Official Plan**

- Include specific policies to encourage passive and active solar design – such as (where possible) elongating the east/west axis of buildings / streets, using minimal glazing on east, west, and north facades, and using trees and other vegetation for seasonal shading.
- Provide Additional detail regarding landscaping and tree planting requirements for new developments

These could also be included in a guideline adopted under the Official Plan.