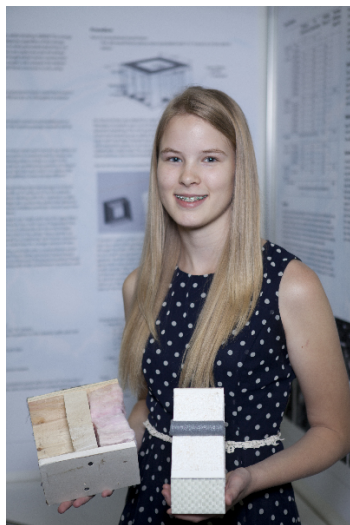


## CWSF 2013 - Lethbridge, Alberta



### Stormy Howard

#### Innovative Building Solutions

**Challenge:** Energy

**Category:** Intermediate

**Region:** United Counties

**City:** Morrisburg, ON

**School:** Seaway District H.S.

**Abstract:** Energy efficiency is key in today's economy. Structural insulated panels are a proven means of energy reduction. Housing for remote locations and natural disasters are some of the potential applications for structural insulated panels. My use of new material technologies for structural insulated panels have shown further energy efficiency with the added benefit of reduced shipping costs.

#### Biography

Hi! My name is Stormy. I am an academic student in grade 9 at Seaway District High School (Iroquois, Ont.). I enjoy learning and do great in school. Recently my family decided to build a new R.V. with the body of it manufactured from structural insulated panels that are made possible by advances in material sciences. The panels made me think that if an R.V. can be built from them, so can houses. I enjoy looking at new technologies and how they can be applied in innovative ways. On the side of school and travelling North America I like to hangout with my friends and play sports.