



Carbon and the City

David is a Carbon Activist, speaker, agent of change and originator of the Carbonleader - Carbon Impact Measurement & Certification Program. He has recently launched the Carbon and the City video blog and the YouTube channel, CarbonMedia

Carbon: Talk On The Street

It takes a tremendous amount of energy to make a new appliance. That energy is termed “embodied energy” - it is a measure of the energy consumed in mining, manufacturing, assembling and transporting a finished product. It is the energy contained within the product itself.

A new washing machine contains 3,900 megajoules (MJ) of energy, a refrigerator 5,900 MJ - by comparison one litre of gasoline contains 34,200 MJ of energy and emits 2.3 kg of carbon emissions when its burned and the energy is released.

More than recycling, finding ways repair and add a second life to discarded used appliances saves energy, saves carbon emissions and is exactly what Tom Hinchey owner of Dependable Appliances does for a living.



Tom Hinchey - Dependable Appliances

“I like to refer to used household appliances as pre-owned and previously enjoyed, just like the automobile industry. Many of these discarded appliances have years of life remaining, some even longer than the new ones that have replaced them. Older is better! Goods today have plastic parts and are digitally controlled. This makes them very difficult and costly to repair. The manufacturing sector only wants to sell new products and not have to keep and supply an inventory of parts. It is not uncommon for two or three year old products to require parts that are no longer available. Some day businesses like

ours will no longer be around! This is a sign of the times.”



Watch for announcements, next up in-studio Carbon and the City interviews with local residents and business owners – YouTube channel CarbonMedia.

David Knowles