

PRESS RELEASE

According to a study by Best Foot Forward (Oxford)
30% reduction of CO₂ emissions with retreaded tyres

Using a retreaded tyre rather than a brand new one implies a 30% reduction of CO₂ emissions resulting from the manufacturing of both products. These are the results of a study conducted by *Best Foot Forward* (<http://www.bestfootforward.com>), the British authoritative institution specialized in carbon footprinting and sustainability metrics based in Oxford who received, among other awards, the *Queen's Awards for Sustainable Development* in 2005.

As published in a bulletin by the Italian Tyre Retreaders Association, Best Foot Forward has already calculated over 300 footprints for hundreds of different companies. The carbon footprint represents the CO₂ emissions released during a manufacturing process. On the subject of tyres, Best Foot Forward studies specifically refer to a commercial vehicle tyre measuring 17.5" and highlights the fact that, manufacture of a brand new tyre would produce an emission of CO₂ equal to 86.9 kg while the reconstruction of a tyre would produce a CO₂ emission of only 60.5 kg with a resultant saving of 26.4 kg of emissions, or 30% as reported previously.

As is widely known, according to the Kyoto protocol much attention is reserved to curbing emissions of CO₂ both in Italy and in Europe. In fact, CO₂ along with other greenhouse gas emissions, is held responsible for global warming – a phenomenon which can have particularly negative effects on both climate and environment.

Palpable proof of the great amount of attention concerning emissions of CO₂ in Italy is the fact that Parliament is currently studying a bill by Lulli, Ghiglia and Scalera for promoting mobility by means of low CO₂ emissions vehicles. The text, drafted by the Committee of Productive activities, Commerce and Tourism of the House of Deputies, foresees the application of special terms on purchases of low CO₂ emissions vehicles from 1st January 2013.

In order for this to happen, the Parliamentary procedure must have necessarily been carried out successfully before this date; the time for finalising the procedure could also be conveniently used for introducing a subsidy for the use of retreaded tyres which, as we have reported, substantially contribute to reducing CO₂ emissions.

Bologna, 12 July 2012