

Assessment of Scrap Vehicles Tyres in The Northern Cyprus

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Recently, the problem of used vehicle tires has become a focus in the Northern Cyprus. In this paper, the scope is to study the potential benefits of recycling scrap Vehicles tires in Northern Cyprus. Cyprus is not an industrial country and has no serious pollution problems. The coastal area is under continuous pressure from tourism, recreation, urban and infrastructure development, and to a lesser extent, agricultural and industrial development. The assessment approach performed for tires used by northern Cyprus, They have developed a cost effective, environmentally friendly method for transforming used tyres into commercial-grade steel, oil or bio-oil, off-gases as green energy and Carbon Green. The latter of the scrap tyres are environmentally friendly replacement for carbon black required for new rubber tyre manufacture. The activity recycles 100% of these tyres into useable product to meet the EU's stringent criteria in this aspect. Unlike other processes of tyre disposal or recycling, they produce no carbon char which is deemed a hazardous waste. In conclusion, the energy generated at the factory can also be reused. A true recycling activity and providing a sustainable and environmentally friendly process contributing to global targets to reduce total carbon emissions.