

Enviro's recovered oil and carbon black receive ISCC sustainability certification

The oil and carbon black that Scandinavian Enviro Systems recovers from end-of-life vehicle tyres in its plant in Åsensbruk have been accredited under the International Sustainability & Carbon Certification (ISCC) scheme.

In doing so, Enviro has become the first company in the world to receive ISCC certification for recovered carbon black, and the certification is also confirmation of the previously communicated higher commercial values of both carbon black and oil.

N.B. The English text is an in-house translation of the original Swedish text. Should there be any disparities between the Swedish and the English text, the Swedish text shall prevail.

“The certification is a milestone in the company’s development as it means that it will be easier for our customers to achieve their sustainability targets using our oil and carbon black. As a result, the customer benefit and commercial value of our technology and products will become even clearer,” says Thomas Sörensson, CEO of Enviro.

The higher commercial value is a result of the certification being based on objective and external quantifying of the environmental benefit of the oil and carbon black that is recovered in the plant in Åsensbruk. An ISCC certification of a raw material or product means that it receives a sustainability declaration based on the total energy consumption to produce the raw material or product through the entire value chain. ISCC is based on the European environmental directive Red II that was developed to ease the transition to a more sustainable and circular energy sector. A certification in accordance with ISCC is reviewed annually for each individual recycling plant.

Oil becomes the raw material for sustainable fuel

The ISCC certification of recovered pyrolysis oil from Åsensbruk enables it to be sold in the EU and the UK as a raw material for the production of sustainable fuel. The oil and chemical industries have shown increasing interest in Enviro’s recovered pyrolysis oil.

“As we have previously announced, the increased interest in recovered pyrolysis oil has made capital investment appraisals for our recycling plants significantly more advantageous. A certification of this kind provides us with more stable prerequisites,” says Thomas Sörensson, CEO of Enviro.

Recovered carbon black facilitating long-term sustainability targets

At the same time, the interest in recovered carbon black is increasing in the global tyre and automotive industries. The reason for this is that carbon black is a key raw material in tyre production and that recovered carbon black thus can contribute to reducing the negative impact on the environment of tyres, and therefore vehicles. In accordance with the now completed ISCC certification, the use of recovered carbon black from Åsensbruk, compared with the use of the corresponding amount of virgin carbon black, will lead to a reduction in carbon emissions of a full 93 percent.

Enviro is a company developing, building and operating industrial plants for material recovery from End of Life Tyres (ELT). The company has developed a process, based on a patented technology, where gas generated in the process is heating the tyres in absence of oxygen. This enables the materials in the tyres to decompose and be recovered instead of incinerated. Thus, a sustainable recovery of the resources Carbon black, Oil, Steel and Gas is obtained. The products are used in new products, replacing fossil resources to help the customers reach their sustainability targets. Enviro was founded in 2001, has its head office in Gothenburg and runs its own plant for ELT tyres in Åsensbruk, Sweden. The company is listed on the Nasdaq First North Growth Market with Mangold Fondkommission AB, tel. +46 (0)8 5030 1550, ca@mangold.se, as its Certified Advisor. www.envirosystems.se

Most major tyre manufacturers have announced very high targets in the past year when it comes to increased use of recovered material, including carbon black. The automotive industry is also evaluating how recovered carbon black could contribute to reduced environmental impact from vehicles.

“The automotive and tyre industries are demonstrating a clear commitment to coming as close to zero as possible in terms of negative environmental impact and in this work, every single step and every individual component play a crucial role. Recovered carbon black will be one of several important elements in this endeavour,” says Fredrik Olofsson, Sales Manager at Enviro.

About ISCC

The International Sustainability and Carbon Certification (ISCC) is a voluntary global certification system that covers the entire supply chain and all kinds of bio-based raw materials and renewable energy sources. The system is one of several certification systems and has become market-leading in the past decade. An ISCC certification guarantees compliance with stringent sustainability requirements and reduces carbon emissions, at the same time as it promotes traceability throughout supply chain.

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