



wbcSD tires

# Nanotechnology and Tyres Greening industry and transport

Tire Industry Project next step

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# Tire Industry Project (TIP)

In 2005, CEOs from 11 Largest Tire Companies decided to anticipate, study and determine potential environmental and health issues relating to the life cycle impacts of tires that could impact the tire industry globally.

Tire Industry Project (TIP) launched in 2006 and organized as a sector project at the World Business Council for Sustainable Development (WBCSD)

TIP is in a collaboration under the lead of the OECD to examine sustainable development and use of nanomaterials by the tire industry.

The logo for Bridgestone, featuring the word "BRIDGESTONE" in a bold, italicized, black sans-serif font with a red and white stylized "B" symbol to the left.The logo for Continental, featuring the word "Continental" in a yellow, rounded sans-serif font with a small yellow and red symbol to the right.The logo for Cooper Tires, featuring a blue oval with a white swoosh inside, and the words "COOPERTIRES" in a blue, italicized sans-serif font below it.The logo for Goodyear, featuring the words "GOODYEAR" in a blue, italicized sans-serif font with a red and white winged foot symbol to the right.The logo for Hankook, featuring a stylized orange and black graphic to the left of the word "HANKOOK" in a bold, black sans-serif font.The logo for Kumho Tyres, featuring a red stylized "K" symbol above the words "KUMHO TYRES" in a black sans-serif font.The logo for Michelin, featuring a white Michelin Man character on the left and the word "MICHELIN" in a bold, blue sans-serif font on a yellow background.The logo for Pirelli, featuring the word "PIRELLI" in a bold, red sans-serif font on a yellow background.The logo for Sumitomo, featuring a blue stylized "S" symbol to the left of the word "SUMITOMO" in a bold, black sans-serif font.The logo for Toyo Tires, featuring the words "TOYO TIRES" in a blue, italicized sans-serif font.The logo for Yokohama, featuring a red stylized "Y" symbol to the left of the word "YOKOHAMA" in a bold, black sans-serif font, with the tagline "TECHNOLOGY THAT DELIVERS" in a smaller font below it.

# OECD Report

The OECD published report concluded that the use of new nanomaterials in tire production could improve the sustainability of the tire industry and reduce the environmental impacts of vehicles.

The OECD report recognizes that the potential environmental, health and safety risks of the new nanomaterials have to be carefully managed. It also encourages setting industry specific guidelines for using these materials.



# OECD best practices brochure

The OECD best practices brochure conclude in October 2015 :

**«The best practices outlined in the Risk Assessment Framework aim to provide a method for evaluating the potential human health and environmental concerns associated with the entire life cycle of nanomaterials used in tyres, focusing on the tyre manufacturing process. The life cycle of tyres includes the manufacture of tyres, mounting tyres on vehicles, the use of tyres on vehicles and the end-of-life of tyres. »**



# TIP CEOs' decisions

CEOs from Tire Industry Project CEO are attending a global meeting every two years.

After the meeting of Kyoto in 2013, the last CEOs meeting had taken place on October 9, 2015 in Chantilly ( France).

On this occasion, leading tire company CEOs announce positive results from continuing ambitious research projects on sustainability issues.

CEOs also had engaged new projects of which one is regarding nanomaterials :

During this meeting CEOs had decided to encourage adoption of OECD best practices framework for Nanomaterial development.

# Schedule and Deliverables

<b>Date</b>	<b>Task</b>
<b>End 2015</b>	<b>Encourage adoption of the OECD best practices framework for new nanomaterials</b>
<b>January 2016 – September 2016</b>	<b>Develop a TIP –risk framework for new nanomaterials for the full life cycle</b>
<b>October 2016 – June 2017</b>	<b>Publish the results for both technical and non-technical audiences</b>

## Cost Estimate approved by CEOs

Budget allocated by TIP CEOs for the coming next two years is \$300,000

This assumes that contractor(s) would need to collaborate with OECD and TIP to complete the risk management framework.

The possible nature of collaboration will be discussed first in SG9 ( meeting this Thursday )

Thank you for your attention

