

**HANWA CO., LTD.**

1-13-1 Tsukiji, Chuo-ku, Tokyo 104-8429, Japan

July 2, 2025

HANWA CO., LTD.

**Notice of Basic Agreement Concluded with PRALAN ENERGY CO., LTD.  
and R&T (2018) CO., LTD. Regarding the Supply of Tire Chips**

HANWA THAILAND CO., LTD. (“HANWA THAILAND”), a subsidiary of HANWA CO., LTD. (“HANWA”), has entered into a basic agreement for supply of tire chips with PRALAN ENERGY CO., LTD. (“PRALAN”) and R&T (2018) CO., LTD. (“R&T”), both of which are waste tire collectors and tire chip producers in Thailand.



<From the left: 3rd person, PRALAN representative,  
4th person, R&T representative, 5th person, HANWA THAILAND Ueno president>

Currently, a huge amount of used tires and off-spec products from the tire manufacturing process, are generated throughout the world. This has led to increasingly serious environmental issues caused by the illegal dumping and landfilling of waste tires.

Tire chips, which are produced by shredding waste tires, become an alternative fuel, which emit approximately 50% less CO<sub>2</sub> per unit of calorific value compared to coal. Moreover, tire chips are regarded as carbon neutral under Japanese law (Act of Promotion of Global Warming Countermeasures) by using as energy sources such as for electricity or steam generation in factories.

Under the agreements with PRALAN and R&T, HANWA Group will supply tire chips produced by these two companies to coal-consuming industries such as paper, chemical, cement and steel manufacturing, both in Japan and overseas. Looking ahead, HANWA Group aims to expand this business globally including in Japan and Southeast Asia while further enhancing their procurement and supply of recycled resources.

HANWA Group is contributing to the realization of a carbon-neutral society by leveraging its global network to build a supply chain that covers the collection and proper processing of waste tires to the distribution of high value-added products.



<Waste tires used as raw materials>



<Tire chips>

**【Profile of PRALAN】**

Operating Company : PRALAN ENERGY CO., LTD  
Location : Chonburi Province, Thailand  
Establishment Date : 2010  
Representative : PRAIYA URAPEEPON  
Business Activities : Collection of waste tires and production of tire chips  
Processing Capacity : Approximately 12,000 tons per year

**【Profile of R&T】**

Operating Company : R&T (2018) CO., LTD.  
Location : Nakhon Pathom Province, Thailand  
Establishment Date : 2014  
Representative : CHIRAWAN MANEECHOT  
Business Activities : Collection of waste tires and production of tire chips  
Processing Capacity : Approximately 12,000 tons per year

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