

Toyota Mobility Foundation and Nagoya City Enter Traffic Safety Partnership Agreement

Collaborate on the Utilization of Data and Business Improvements Based on the Toyota Production System

Nagoya, Japan (April 10, 2023) – The Toyota Mobility Foundation (TMF) has concluded a partnership agreement with Nagoya City in the Aichi Prefecture of Japan to enhance and strengthen traffic safety along school routes.

Working in cooperation with experts and administrative officials such as the Aichi Prefectural Police, Nagoya City has been striving to enhance and strengthen traffic safety along school routes through initiatives such as establishing a School Route Safety Measures Review Committee. TMF also endorses such sentiment, and to increase the effectiveness of a series of measures, it concluded a partnership agreement with Nagoya City to promote them.

Main Initiatives Based of the Agreement

1) Introduce a web-based survey about Hiyari-Hatto (close calls) involving children

Conduct surveys at elementary schools to identify places and situations that children perceive as dangerous. Share the information obtained through the surveys with relevant departments and organizations.

2) Systemize the School Route Safety Measures Review Committee

Various departments and organizations, including schools and civil engineering offices, are involved in studying school route safety measures. By systematizing this structure and related processes, relevant departments will be able to promptly share accurate information that can also be utilized for safety education for children.

3) Utilization of other information that contributes to school route safety measures

Aim to shorten lead times and reduce the workload of on-site personnel and teachers by leveraging TMF's knowledge and reviewing the entire operation while referencing the Toyota Production System (TPS*). At the same time, also consider using vehicle travel data, etc., to increase the scope of school route safety measures.

*The Toyota Production System was established based on many years of continuous improvements, with the objective of making vehicles ordered by customers in the quickest and most efficient way, in order to deliver the vehicles as swiftly as possible. This production control system was established based on two concepts: "jidoka" (which can be loosely translated as "automation with a human touch"), as when a problem occurs, the equipment stops immediately, preventing defective products from being produced; and the "Just-in-Time" concept, in which each process produces only what is needed for the next process in a continuous flow. Learn more in this article ["How Toyota Now Promotes TPS Beyond Manufacturing" \(toyotatimes.jp\)](https://toyotatimes.jp)

About the Toyota Mobility Foundation

The Toyota Mobility Foundation (TMF) was established in August 2014 by the Toyota Motor Corporation (TMC) to support the development of a more mobile society in which everyone can move freely. The Foundation underscores TMC's on-going commitment to continuous improvement and respect for people. It utilizes Toyota's expertise and technologies to support strong mobility systems while eliminating disparities in mobility. TMF works in partnership with universities, governments, non-profits, research institutions and other organizations, creating programs are aligned with the UN Sustainable Development Goals (SDGs) to address mobility issues around the world.

The project supports the following SDGs.



Contact:

info@toyota-mf.org