

NOK Presents Dream Journey, Showcasing Aspiring Young Innovators in Manufacturing

Airing on BS-TBS, Fukushima, Shizuoka, and Kumamoto Networks

NOK Corporation (Headquarters: Shibadaimon, Minato-ku, Tokyo; Representative Director, Group Chief Executive Officer: Masao Tsuru; hereinafter referred to as "NOK") and TV-U Fukushima Co., Ltd. (Headquarters: Nishi-Chuo, Fukushima City, Fukushima Prefecture; President: Masashi Nakao; hereinafter referred to as "TUF") have produced the third installment of "NOK presents Dream Journey – Yume wo Tsumugu Tabi" (A Journey to Weave Dreams), a short TV program that highlights young people striving toward their dreams. Starting on Sunday, October 6, it will be broadcast eight times in Fukushima Prefecture (TUF TV-U Fukushima), Shizuoka Prefecture (SBS Shizuoka Broadcasting), and Kumamoto Prefecture (KKT Kumamoto Prefectural TV), and four times on BS-TBS, for a total of 28 times.



(Left) Program logo.



(Right) Behind the scenes of the first episode filming

The previous season's episodes, broadcast from February to March and October to December 2023, featured young individuals committed to the future of manufacturing and cutting-edge technological research poised to shape it. These episodes were well-received by many viewers.

In this new third season, the broadcast area has been expanded to reach a wider audience, shining a spotlight on a broader range of young individuals, including students from technical colleges and universities, as well as young researchers.

In April of this year, the NOK Group introduced a new corporate identity centered around the concept of "Essential Core Manufacturing — The manufacture of pivotal products that shape society," through which the Group continues to provide safety and comfort to the world. To align with this update, the program logo for "Dream Journey" has also been redesigned, and a new NOK Group infomercial will be aired. We hope many of you will watch and enjoy this next chapter of "Dream Journey."

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■ About the Program

This program introduces young individuals addressing societal challenges, such as environmental and resource issues, while striving to create a safer, more comfortable, and more convenient future. By highlighting their dedication to research, the program aims to enhance appreciation for Japan's world-renowned technology and manufacturing. Eight young individuals will appear in the program, including students and lecturers from universities and technical colleges in Fukushima, Shizuoka, Ibaraki, and other regions. The film crew follows them as they tackle societal issues through research and development in robotics, mobility, and sustainable materials.

■ Broadcast Days/Stations

Broadcasting Station	Broadcast Day	Broadcast Time	Broadcast Period	Number of Broadcasts
TUF TV-U Fukushima (TBS Network)	Every Sunday	11:24-11:30	10/6 (Sun) - 11/24 (Sun)	8 broadcasts
SBS Shizuoka Broadcasting (TBS Network)	Every Sunday	16:25-16:30	10/6 (Sun) - 11/24 (Sun)	8 broadcasts
KKT Kumamoto Prefectural TV (Nippon TV Network)	Every Sunday	16:25-16:30	10/6 (Sun) - 11/24 (Sun)	8 broadcasts
BS-TBS	Every Tuesday	20:54-21:00	11/5 (Tue) - 11/26 (Tue)	4 broadcasts

- **Broadcast duration** : 3 minutes and 30 seconds
(2 minutes and 30 seconds for the main program + 1 minute infomercial)
- **Narration** : Gyu Watanabe
- **TUF Program Homepage** : <https://www.tuf.co.jp/general?id=128>

■ Appearance/Program Content and Schedule

School (Research Lab)	BroadcastArea/Date				Program Content
	Fukushima	Shizuoka	Kumamoto	BS	
Nihon University College of Engineering, Concrete Engineering Research Lab (Koriyama City, Fukushima)	10/6 (Sun)	10/6 (Sun)	10/6 (Sun)		Research on reinforcement methods and durability of reinforced concrete (RC) to prolong the life of existing bridges.
National Institute of Technology, Fukushima College, Robotics and Technology Research Society (Iwaki City, Fukushima)	10/13 (Sun)	10/13 (Sun)	10/13 (Sun)		Students learning robot engineering while preparing for a robot contest on the theme of nuclear decommissioning (rebroadcast).

University of Tsukuba, Ebara Lab (Tsukuba City, Ibaraki)	10/20 (Sun)	10/20 (Sun)	10/20 (Sun)	11/5 (Tue)	Students developing medical materials that can be used in developing countries and disaster areas in collaboration with African hospitals.
National Institute of Technology, Ibaraki College, Sung Research Lab (Hitachinaka City, Ibaraki)	10/27 (Sun)	10/27 (Sun)	10/27 (Sun)	11/12 (Tue)	Students conducting research related to electric vehicles and participating in an electric car eco-race competition (rebroadcast).
Shizuoka University Faculty of Engineering, Kikuchi Research Lab (Hamamatsu City, Shizuoka)	11/3 (Sun)	11/3 (Sun)	11/3 (Sun)	/	Research on the mechanisms of wear, creating new functional metal materials using surface treatment technology.
Shizuoka Institute of Science and Technology Vehicle Engineering Laboratory (Fukuroi City, Shizuoka)	11/10 (Sun)	11/10 (Sun)	11/10 (Sun)		Students studying powertrain technologies for automobiles, tackling the creation of next-generation technology.
Ibaraki University, Mori Lab (Hitachi City, Ibaraki)	11/17 (Sun)	11/17 (Sun)	11/17 (Sun)	11/19 (Tue)	Students working on developing new robotic assistance devices aimed at extending healthy life expectancy for the elderly.
Ibaraki University, Kitayama Lab (Hitachi City, Ibaraki)	11/24 (Sun)	11/24 (Sun)	11/24 (Sun)	11/26 (Tue)	Development of a leg support device that supports walking and stair climbing for people with lower limb paralysis and the elderly, and an electromagnetic actuator to reduce its weight.

Note: Broadcast content and dates are subject to change.

■ NOK Group Infomercial Broadcast

The 2024 infomercial will feature four individuals working in design, manufacturing technology, and development departments at NOK Fukushima Plant (Fukushima City, Fukushima Prefecture), NOK Tokai Plant (Kakegawa City, Shizuoka Prefecture), Mektec Corporation Ushiku Plant (Ushiku City, Ibaraki Prefecture), and NOK Klüber Co., Ltd. (Kitaibaraki City, Ibaraki Prefecture).

The infomercials will highlight how these professionals use refined technical skills to deliver Essential Core Manufacturing—The manufacture of pivotal products that shape society.

- NOK Fukushima Plant: Ryo Miyake, New Products Section, Product Design Department, Oil Seals Division
The Fukushima Plant manufactures NOK's flagship product, oil seals. Leveraging the technology cultivated through oil seals, the plant is working on developing components used in water electrolysis devices, which produce hydrogen, a next-generation energy source.

- NOK Tokai Plant: Tatsuya Odera, Production Engineering Section, FC Solution Mass Production Development Department, NOK Group R&D
The Tokai Plant produces functional membranes, including humidification membrane modules for hydrogen fuel cells. It is also working on automating production facilities and advancing DX to mass-produce Cell Seal gaskets for fuel cells.

- Mekttec Ushiku Plant: Takumi Kaneko, R&D Section 2, R&D Department, Engineering Division
The Mekttec Ushiku Plant manufactures flexible printed circuits (FPCs), which facilitate the miniaturization, weight reduction, and slimming of products like mobile phones and car batteries. The plant is aiming to expand into the healthcare sector by developing stretchable FPCs that are safe for use on the body and provide a comfortable, irritation-free experience.
- NOK Klüber: Naoki Ogata, Development Section, Development Department
NOK Klüber manufactures special lubricants (grease and oil) and coating agents used in a wide range of fields, including automobiles, industrial machinery, and food machinery. The plant is developing a coating agent to improve the functionality and durability of conveyor belts used in production lines.



Behind the scenes of the infomercial shoot

■ About NOK Group

The NOK Group is dedicated to "Essential Core Manufacturing — The manufacture of pivotal products that shape society." Through this approach the Group demonstrates its commitment to providing greater safety and comfort, the cornerstones of a prosperous society. The NOK Group consists of 93 companies located in 15 countries and regions with approximately 38,000 employees. Product development is built upon a robust base of foundational research, resulting in large-scale, stable and high-quality production. Moving forward, the Group will continue to provide technologies and products for all industrial areas including automobiles and other mobility sectors, electronic products - centered on PCs and smartphones- office automation equipment, medical and healthcare devices, industrial robots, and satellites.