



FOR IMMEDIATE RELEASE

Nidec Corporation

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Released on December 19, 2016, in Kyoto, Japan

**Nidec Starts Construction of the First Section of
the Nidec Center for Industrial Science**

Nidec Corporation (TSE: 6594) (OTC US: NJDCY) today announced that it has started construction of the first section of the Nidec Center for Industrial Science in Keihanna Science City, Seika-cho, Soraku-gun, Kyoto.

Since the announcement of the construction plan in January earlier this year, the scope of the project has been expanded to encompass the industrial science needs of the entire Nidec Group. In order to enhance the capabilities of the new facility as a hub for joint research and development connecting the company's divisions related to industrial science (including the current NCIS organization, Nidec's Production Engineering Center and the new business development division) and those of our affiliated companies, a large triple-layered atrium that will house a pilot production line area has been added to the plan and the number of floors have been increased from four to six. Furthermore, the original building has been split into two buildings to make the plan more flexible. The new design was supervised by Imai Laboratory at the Institute of Industrial Science, the University of Tokyo, famed for its wealth of experience in the design of research and development facilities.

The center will be directed by Professor Masafumi Maeda of the University of Tokyo's Institute of Industrial Science (Professor at the Institute of Industrial Science, the University of Tokyo, former Director General of the same institute and former Executive Vice President of the University of Tokyo) and will bring together guests, universities, research institutions and companies from all around the world.

1. Outline of the Nidec Center for Industrial Science

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|--------------------------|---|
| (1) Location: | 3 - 9 - 1, Hikaridai, Seika-cho, Soraku-gun, Kyoto |
| (2) Site area: | Approximately 27,000 m ² |
| (3) Building area: | Total: 37,000 m ²
First building: Approximately 23,500 m ²
Second building: Approximately 13,500 m ² |
| (4) Floors: | 6 (height: 31 m) |
| (5) Expected investment: | Approximately JPY 30 billion (including land, building, equipment, etc.) |

2. Role of the Nidec Center for Industrial Science

While serving the following three roles and covering research and development ranging from basic to applied technologies related to the products of the Nidec group, NCIS will aim to create world-leading technologies related to industrial science.

- (1) Build a new technological foundation to enable the Nidec Group to achieve its 2020 net sales goal of 2 trillion yen, and its 2030 net sales goal of 10 trillion yen, and address technological issues to create future markets and products;
- (2) Operate as the Nidec Group's core of technological creation, and contribute to the entire Group's product development and production technology enhancement; and
- (3) Train engineers to obtain top-level skills that can be utilized globally.

Manufacturing is currently undergoing large-scale change due to the emergence of IoT. In order to achieve highly efficient manufacturing, the Nidec Center for Industrial Science will advance the Nidec Group's strategy for IoT and smart technology related to factories, equipment, logistics, energy and focus the efforts of the Nidec Group's industrial engineers engaging in research and development of robots and their underlying technologies (control, sensors, information, advanced circuit technology, etc) as well as artificial intelligence, cloud computing technology, etc. At the same time, the center will also allow our company group to instantly respond to changes in processing technology, the core of manufacturing, paving the way to the manufacturing/production of the future. Furthermore, in addition to researching new materials, methods and processes, the Nidec Center for Industrial Science will also actively take part in innovating industrial science with focus on Industry 4.0 and the initiatives of the Industrial Internet Consortium (IIC).

3. Construction Period (plan)

December 2016 - January 2018 (first building)
2020 - 2025 (second building)

Conceptual drawing (left: first building, right: second building)



Ground-breaking ceremony



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