

## **INCJ to invest in Oscar Technology Corporation** **A venture company providing software parallelization** **technology**

**Tokyo, March 21, 2017** – Innovation Network Corporation of Japan (INCJ) announced today its decision to invest up to 200 million JPY in growth capital in Oscar Technology Corporation (Oscar Technology), a company which provides software parallelization technology<sup>1</sup>, through a third-party allocation of shares. Existing investors Denso Corporation and Weru Investment Co., Ltd. as well as new investor Industrial Growth Platform Inc., have also confirmed investment.

As software has become increasingly developed in recent years, the introduction of multicore technology through which multiple CPU's (Central Processing Unit) are mounted on one large scale integrated circuit is accelerating. As a result, there is increasing demand for automatic parallelization and for programming that can ensure performance commensurate with the number of cores.

Established in 2013, Oscar Technology is a venture company whose mission is to commercialize technology developed at Waseda University that can automatically parallelize sequential software. Oscar Technology provides embedded conversion software that achieves high processing speed and low power consumption by parallelizing programs operating with a single core.

The most significant feature of Oscar Technology's software is the ability to achieve a multigrain parallelization method which makes it possible to parallelize all programs that were unable to parallelize using existing technology. As a result, Oscar Technology expects the use of this technology to expand in areas such as automotive and industrial machinery where complex software and multiple control processing are a necessity.

With the growing need for high-performance software amid the development of new industries such as those encompassed by Industry 4.0 and characterized by robots and artificial intelligence, INCJ believes that Oscar Technology's technology will make a positive contribution to the development of the industry as a whole. INCJ aims to establish an ecosystem for nurturing venture companies to support industry-academia collaboration among large corporations and university ventures, accelerate open innovation.

<sup>1</sup> Parallelization: A method by which program processing is distributed and executed in parallel by multiple CPUs

## **About Oscar Technology Corporation**

Established	2013
Business Outline	Software parallelization service and consulting
Headquarters	Shinjuku-ku, Tokyo
President	Takahiko Ono

Oscar Technology Corporation is a venture company established in 2013 by Katsuhiko Shirai, former Executive Director of Waseda University, together with Waseda University officials including Professor Takahiko Ono, Emeritus Professor Shuichi Matsuda, Professor Hiroki Kasahara and Professor Keiji Kimura, as well as industry leaders. Oscar Technology Corporation promotes technological innovation in software by licensing patents owned by Waseda University's Professor Kasahara and Professor Kimura and takes on the responsibility for commercialization of this technology through research and development with Waseda University. Consequently, the management philosophy is to achieve a more comfortable living environment by improving the convenience of IoT and information systems as well as reducing the environmental burden.

## **About Innovation Network Corporation of Japan (INCJ)**

INCJ was established in July 2009 as a public-private investment company that provides financial, technological and management support for next-generation businesses. INCJ specifically supports those projects that combine technologies and varied expertise across industries and materialize open innovation. INCJ has the capacity to invest up to JPY2 trillion (approx. US\$20 billion).

INCJ's management team is drawn from the private sector with diverse experience in investment, technologies and management. Through its Innovation Network Committee, INCJ assesses investment opportunities that contribute to industrial innovation in Japan in line with criteria set by the government.

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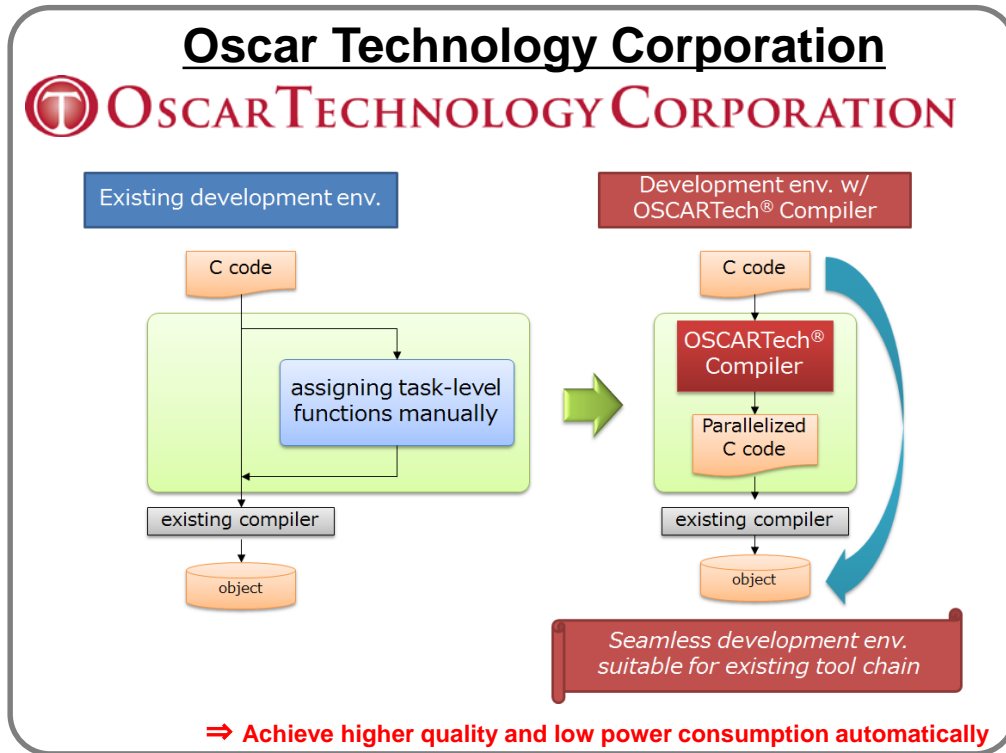
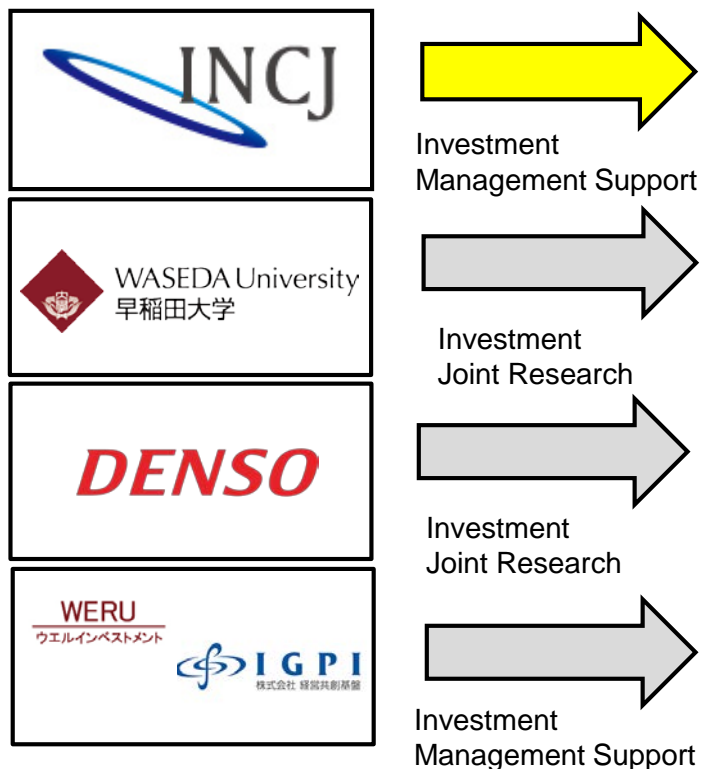
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**Target:** Oscar Technology Corporation

**Business Outline:** Development of automatic parallelization technology for software

**Authorized Investment:** 200 million JPY (maximum)

**Date of Announcement:** March 21, 2017



- Create a success story to commercialize technology formed from academia in the software field
- Achieve commercialization through industry-academia-government collaboration
- Strengthen Japan's competitiveness in embedded machinery and the software field as software performance improves with Industry 4.0 and in the automotive industry (strengthening of fuel efficiency, progress of automatic operation and connected cars)