

CONSORTIUM

Management institution (Tohoku Univ.)

Participation of head quarter and all of electric system departments

Project organization in charge

Head office of Enterprise Partnerships

Cooperating organization

Office of Research Promotion

URA center

R&D theme 1

Realization of spintronics devices with higher reliability, higher density and lower power

R&D theme 2

Realization of ultra lower power consumption by spintronics nonvolatile integrated circuits and its measurement technologies

R&D theme 3

Realization of GaN/Si hybrid power integrated circuits with GaN on Si and Si power devices

R&D theme 4

Realization of next generation transportation system by advanced automatic judgement system and hybrid power integrated circuits

Universities

Participation by experts

Yamagata Univ.

R&D

Kyoto Univ.

Humanities/Social Sciences

OPERA support office

Director

Research strategic div.

IP strategic div.

 ${\sf HR} \; {\sf Cultivation} \; {\sf div}.$

Outreach div.

Marketing div.

Joint application companies

Global companies

Tokyo Electron Limited

Keysight Technologies International

Advantest Corporation

Local companies

TDC Corporation

Toei Scientific Industrial Co., Ltd.

Financial institution

Tohoku Innovation Capital Corporation

Admin. institutions

Offering co-creation fields

Industry-academia consortium Council

Industry-academia Co-creation conference

Participating companies

Various fields and style's participants

GlobalWafers Japan Co., Ltd.

KDDI Research, Inc.

Keihin Corporation

Tanaka Kikinzoku Kogyo K. K.

DISCO Corporation

Toray Research Center, Inc.

Nissin Ion Equipment Co., Ltd.

Nitto Optical Co., Ltd.

Fujikin Incorporated

Vector Semiconductor Co., Ltd.

Morita Chemical Industries Co., Ltd., etc.