

# Introduction of JEITA EC Center

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Japan Electronics and Information Technology Industries Association  
EC Center Steering Committee

# 1. About JEITA

## 1-1. Overview of JEITA (1/2)

### **What is JEITA ?**

The objective of the Japan Electronics and Information Technology Industries Association (JEITA) is to promote the healthy manufacturing, international trade and consumption of electronics products and components in order to contribute to the overall development of the electronics and information technology (IT) industries, and thereby further Japan's economic development and cultural prosperity.

The world is now connected via the Internet, and electronics technologies and IT have become widespread everywhere. With the evolution of electronics and progress of IT, technologies in information, communications, imaging and audio are converging to create new systems and products, which are bringing enormous changes that go beyond conventional frameworks, not only in our economic society, but also in our lives and culture.

JEITA's mission is to foster a digital network society for the 21st century, in which IT advancement brings fulfillment and a higher quality of life to everyone.

The Association is also actively promoting environmental preservation countermeasures, including those to combat global warming.

About JEITA (<https://www.jeita.or.jp/english/about/what/index.htm>)

# 1. About JEITA

## 1-1. Overview of JEITA (2/2)

### **What is EC Center ?**

The JEITA/EC Center standardizes terms, and the types of information relating to trading, and maintains controls to make it possible electronically to exchange between companies, and to reuse trading information and technical information regarding electronic devices, and semiconductor and electronic components. Also, JEITA and the EC Center are involved in the following that relate to the popularization and promotion of electronic commercial trading.

#### Overview of Work

1. Study and embody strategic EC issues for the IT and electronics industries
2. Expand and maintain standards for EC-related information
3. Study and expand practical EC applications
4. Implement information exchanges with domestic and international organizations and associations; international collaboration and survey research

#### ECALGA

The name of the enterprise for attaining those goals, and the name of the standard are either ECALGA, or the ECALGA enterprise.

# 1. About JEITA

## 1-2. JEITA member Company

- JEITA member companies:

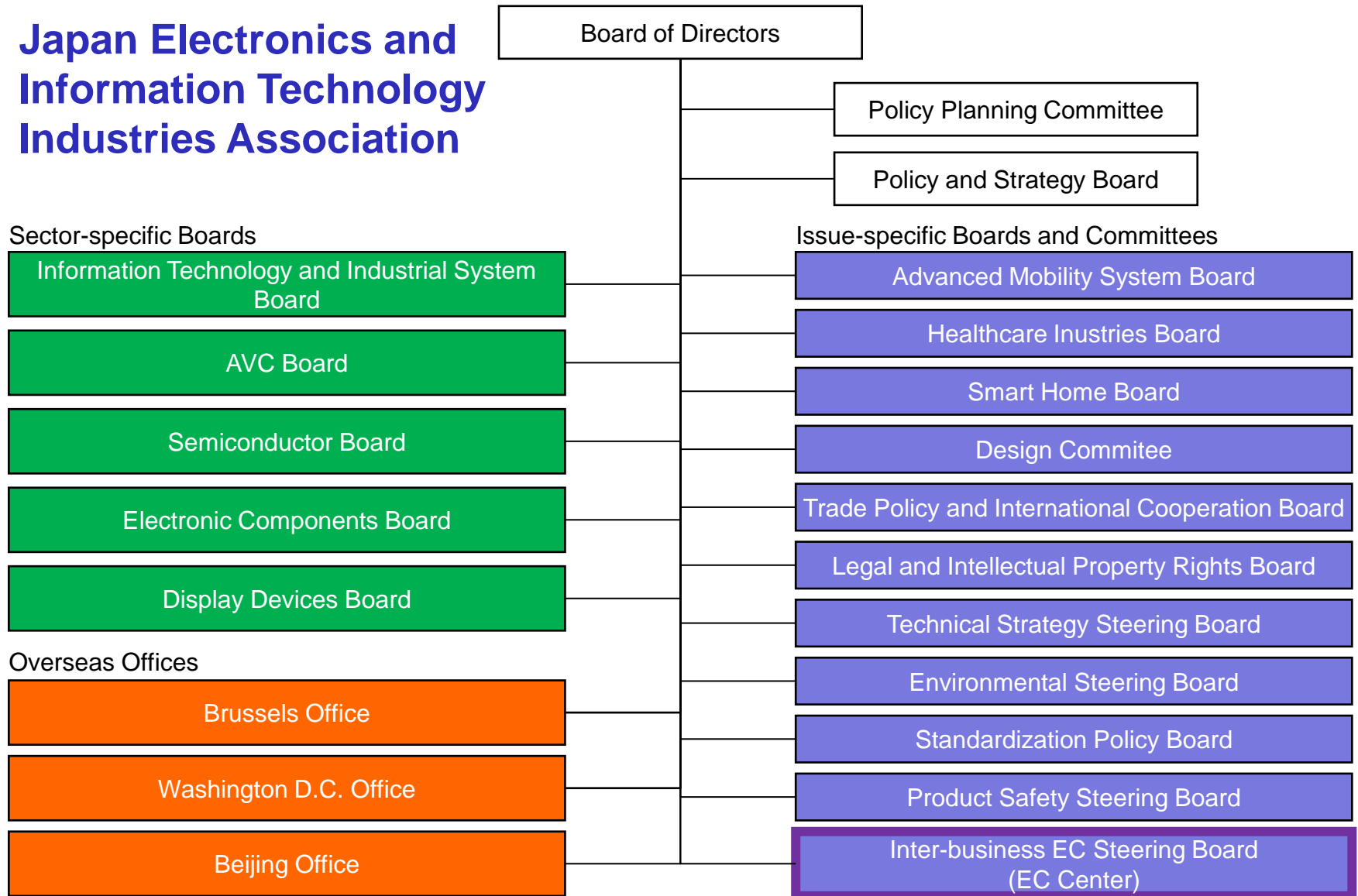
- Total 382 (Full member 337, Associate member 45) as of Oct 23, 2019

- \*JEITA members (<https://www.jeita.or.jp/cgi-bin/member/list.cgi?l=en&k=0>)

# 1. About JEITA

## 1-3. JEITA Organization and EC Center Operational Organization (1/2)

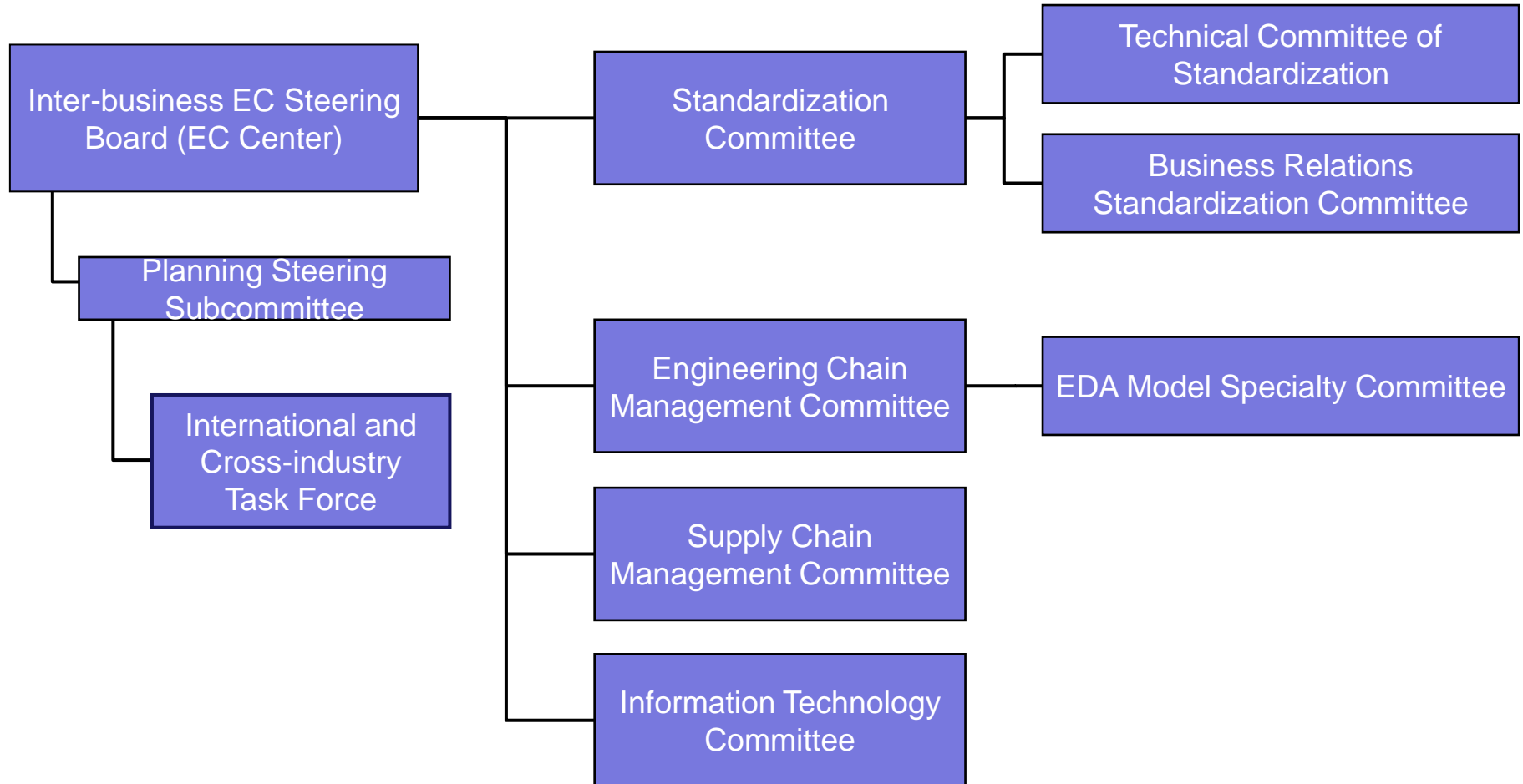
### Japan Electronics and Information Technology Industries Association



# 1. About JEITA

## 1-3. JEITA Organization and EC Center Operational Organization (2/2)

### Organization of JEITA EC Center

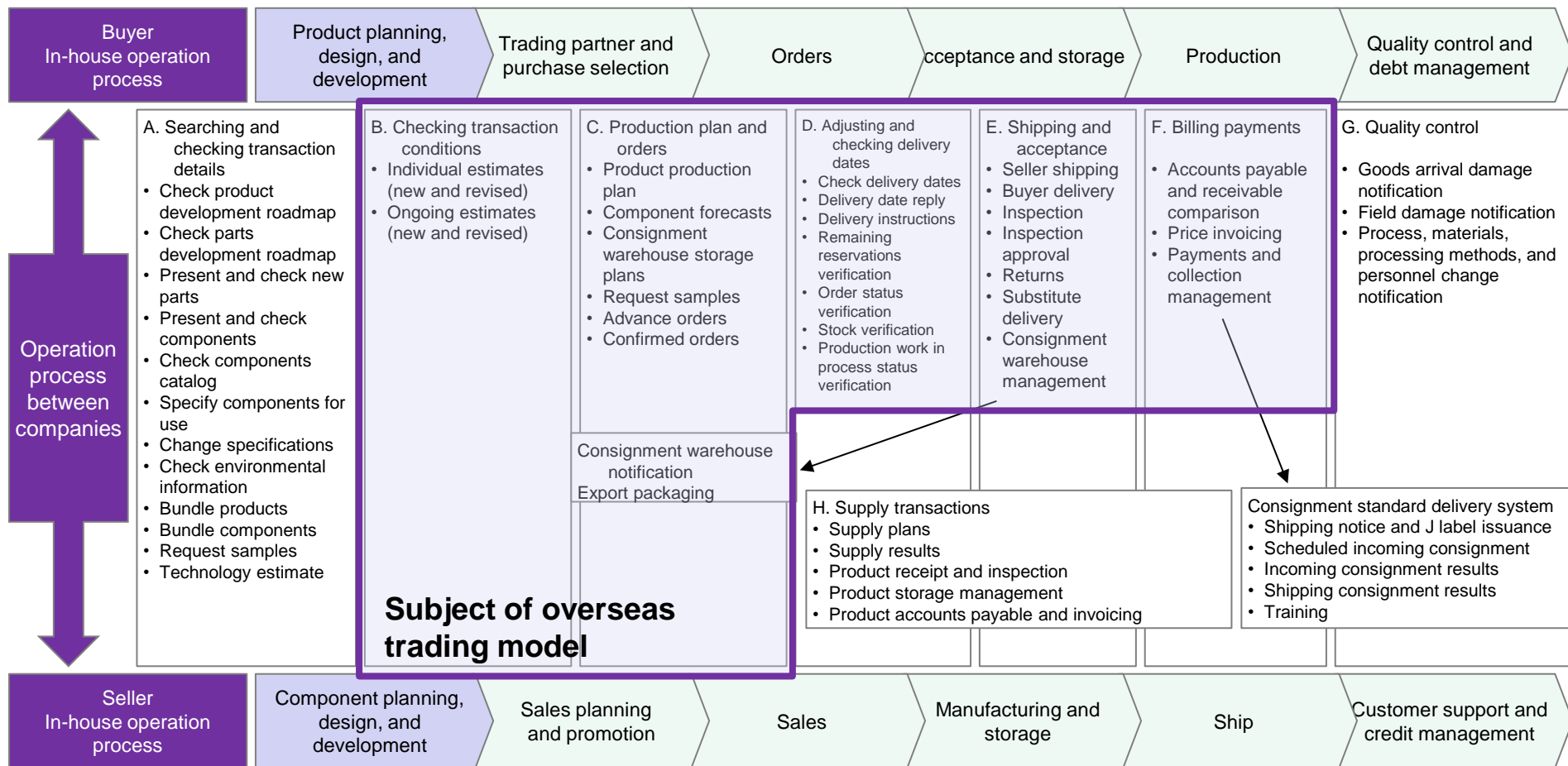


## 2. Introduction of JEITA EC Center Activity

### 2-1. Enhancement and maintenance of ECALGA - Scope of business processes -

- Cover all operation processes (from product development to sales/purchase orders, and payment) concerning transactions between companies Expand overseas transactions models to meet user company needs. (Overseas quotation operations added in 2017)

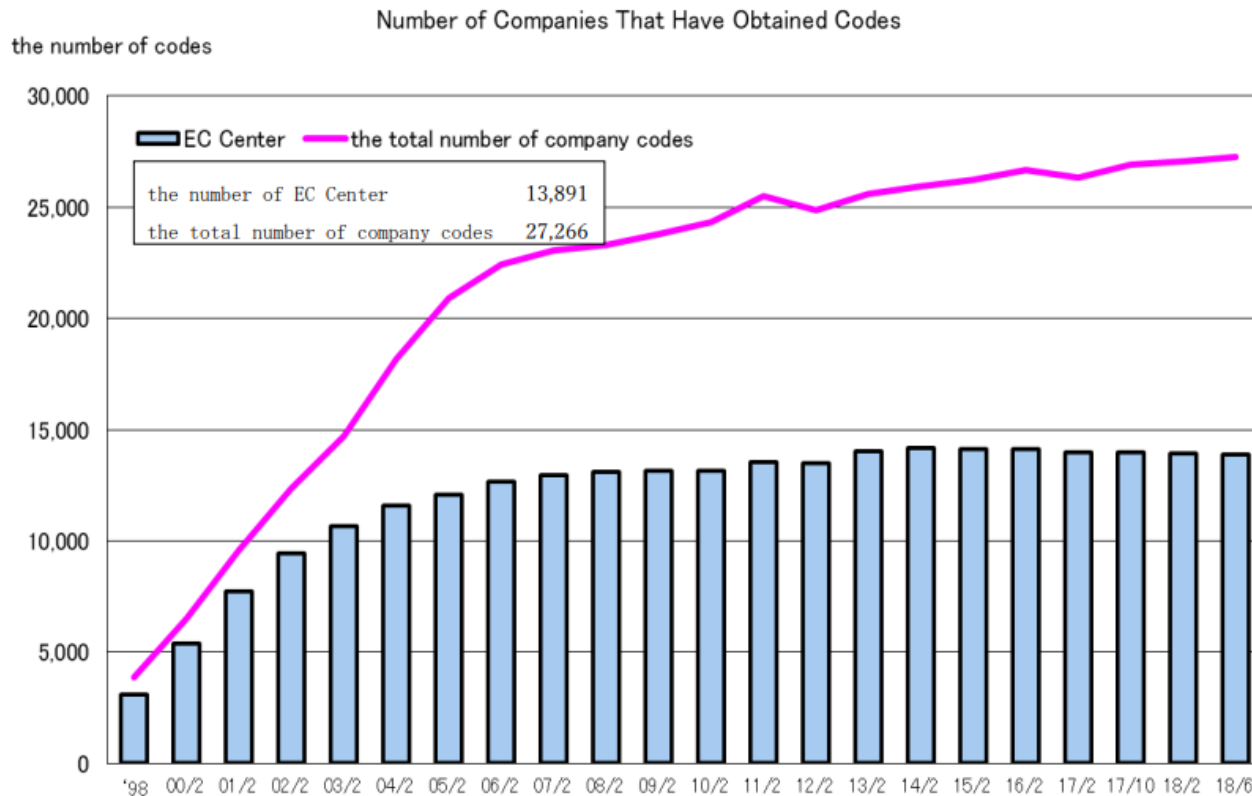
JEITA business model summary diagram



## 2. Introduction of JEITA EC Center Activity

### 2-1. Enhancement and maintenance of ECALGA - Transition of users -

- Total number: 27,266 codes  
Assigned codes by EC Center: 13,891 codes (Approximately 51%)
- The Universal Company Codes are substantially popularized in Japanese IT and electronics industries
- A scope of ECALGA will expand in terms of business processes and global business in the future





## 2. Introduction of JEITA EC Center Activity

### 2-2. Cooperating with International standardization organization

- JEITA liaises with international standards bodies and cooperates in establishing international standards.



- IEC
  - IEC61360-4(CDD: Common Data Dictionary) and ECALS dictionary content supply
- eCl@ss
  - For cooperation on the d-m@p PJ (a mapping project for IEC and eCl@ss dictionaries)
- EDIFICE
  - Review and inspection of Electronic Component Package label international standards (IEC 62090)

## 2. Introduction of JEITA EC Center Activity

### 2-3. Research and analysis of next generation B2B integration

- Regularly implement surveys on advanced IoT examples and advanced effort examples, to spot the first shoots for the next standardization with coordination between companies.

#	Themes	Survey description
1	FY 2015 technological and industry trends	Survey of global (Germany, USA, China, Japan) IoT trends and technology trends within industries
2	Blockchain technology	Survey blockchain technology, explore use in coordination between companies
3	Industry 4.0 and IoT examples	Survey examples of individual companies in Industry 4.0 and the IoT, centering on the automobile industry
4	FY 2018 technological and industry trends	Update of #1 FY 2015 Technological and Industry Trend Survey

**ECAALGA**