



Activity Title and Number: EU-China Conference on the Internet of Things A398-C5	Beneficiary: Ministry of Industry and Information Technology (MIIT)
Location and Date: Lyon, 07-09 April 2015	Stakeholders: CATR, Chinese and European ICT companies

Brief Activity Report

Relevance and Impact

Digitalisation of industrial and automated processes holds the potential to create efficiency and productivity gains to an extent that this step of industrial upgrading is referred to as the “fourth industrial revolution”. The internet of things (IoT) allows to connect machines and whole supply chains, to i.a. make autonomous decisions e.g. on maintenance or process and production management, supported by technological innovation including augmented reality, big data, and cloud computing. As production processes thus become more transparent and manageable, gains in flexibility and efficiency are to be expected, with immense impacts on future economies of scale. In addition to industrial application, IoT also holds great potential for efficiency gains in other areas such as e-health. Healthcare costs in China are expected to grow seven-fold until 2020 (based on 2006 levels), therefore IoT technology can help hospitals to reduce the numbers of outpatients, among many others things. In sum, marketization of the IoT holds great potential for future productivity gains and economic growth both in China and the EU. To facilitate the development towards a common understanding of the IoT and its economic impacts, the EUCTP II supports a series of exchanges on the matter between European and Chinese experts.

Activity Description

The conference was structured along different modules which were integrated into the IoT event SIdO, a professional IoT event including exposition and conference parts. Individual roundtables focused on the various fields in which IoT application holds marketization potentials, including connected vehicles/ITS, e-health, energy and smart cities. Both sides introduced recent developments in the different application fields and their respective approaches with a view to develop commercialisation strategies. The sessions also provided for exchanges between regulators, researchers, industry representatives and enterprises.

EU-China Cooperation in Internet of Things



Results and Dissemination

- ✓ To develop business opportunities, future activities need to involve private sector stakeholders and enable economic operators of both sides to identify potential partners. To this end, cooperation possibilities with the EU SME Centre in Beijing will be assessed;
- ✓ Both sides will continue their work towards a joint China-EU white paper on the Internet of Things;
- ✓ The next follow up event will take the form of an expert roundtable in Beijing in July 2015, back-to-back with a workshop on industrial IoT as well as a business-driven event.