

平成 28 年度日欧共同公募委託研究 終了評価結果（概要）
（研究期間 平成 28 年度～令和元年度）

| 研究開発課題名 | 受託者（共同研究者） |
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| <p>採択番号 18301 欧州との連携による公共ビッグデータの利活用基盤に関する研究開発</p> <p>副題 スマートシティにおける市民の影響力を拡張するビッグデータ・クラウド・IoT 融合基盤技術</p> <p>Acronym BigClouT</p> | <p>東日本電信電話株式会社 （学校法人慶應義塾、大学共同利用機関法人情報・システム研究機構、日本電信電話株式会社、国立大学法人筑波大学、株式会社 YRP-IOT (H29.1.31 迄)） （Commissariat à l'énergie atomique et aux énergies alternatives (フランス)、Engineering Ingegneria Informatica SpA (イタリア)、Institute of Communication and Computer Systems (ギリシャ)、Lancaster University (イギリス)、Absiskey (フランス)、Grenoble - Alpes Métropole (フランス)、Bristol Is Open Limited (イギリス))</p> |
| <p>評価※</p> | <p>Project has fully achieved its objectives and milestones for the period.</p> |
| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">主な評価コメント</p> | <p>BigClouT (Big data meeting Cloud and IoT for empowering the citizen clout in smart cities) project focuses on providing an analytical mind to the city by introducing distributed intelligence with edge computing, big data analytics and self-awareness, to be implanted in the whole city network. Following the project work plan, a total set of 13 components were thus developed and adapted for BigClouT. The developments integration was completed and the resulting BigClouT platform was successfully used in the project field trials. A total of + 20 components integrations were carried out.</p> <p>The project addressed its challenges, achieved its core objectives and milestones for the period. Dissemination, exploitation, and collaboration activities were good. For the purpose of building a large international ecosystem, as one of the main outcomes of the ClouT and BigClouT projects, the Urban Technology Alliance (UTA) - a global smartcity initiative, was created which will bring the BigClouT outcomes further beyond the project lifetime and allow to replicate the BigClouT methodology and technical results in other cities worldwide.</p> <p>The main tangible outcomes produced by the BigClouT project are:</p> <ul style="list-style-type: none"> ・ A reference architecture of an integrated platform incorporating Big Data, IoT and Cloud benefits, as well as its reference implementation to be made publicly available to European and Japanese research communities, thanks to standardization groups and alliances; ・ +10 smartcity use-case scenarios with related business models complying with European cities and/or Japanese local governments legal frameworks; ・ A total set of 13 components, with TRL levels between 4 and 6 on average; ・ About +20 integrations among the developed components; ・ About +10 field trials deployments performed in 4 pilot cities with important citizen participation, involving technical components from European and Japanese partners, in addition to the replication of scenarios cross-borders; ・ A global smart city alliance, i.e., The Urban Technology Alliance, to sustain the BigClouT outcomes. |
| <p>※評価 ランク表</p> | <p><u>Project has fully achieved its objectives and milestones for the period.</u> Project has achieved most of its objectives and milestones for the period with relatively minor deviations. Project has achieved some of its objectives and milestones; however, corrective action will be required. Project has failed to achieve critical objectives and/or milestones and/or is severely delayed.</p> |