平成 28 年度日欧共同公募委託研究 第 1 回中間レビュー評価結果（概要）

（研究期間　平成 28 年度～平成 31 年度）

研究課題名	受託者（共同研究者）
採択番号　18401 欧州との連携による情報指向ネットワーキングに関する実証的研究開発 **副題** 革新的なアプリケーションとグローバルな実証による ICN の深化 Acronym　ICN2020	株式会社 KDDI 総合研究所 （株式会社構造計画研究所、国立大学法人大阪大学・長谷川亨教授、公立大学法人大阪市立大学・阿多信吾教授） （Georg-August-Universitaet Göttingen（ドイツ）、Universita' degli Studi di Roma Tor Vergata（イタリア） University College London（イギリス）、Cisco Systems France Sarl（フランス）、Ericsson AB（スウェーデン） Institut de Recherche Technologique SystemX（フランス））
評価※	**Project has achieved most of its objectives and milestones for the period with relative minor deviations.**
主な評価コメント	・The project has provided different technological results organised in three basic axis, (i) design and development of applications and services; (ii) design and development of ICN enhanced infrastructure and (iii) development of testbeds. ・Innovation activities have a reflection on the number of papers and scientific contributions performed by the consortium, however more joint activities are required. ・Dissemination and communication results are a highlight in terms of impact and audience size, e.g IEEE ICC, IEEE Globecom and IEEE INFOCOM. ・Milestones have been achieved, however they are difficult to evaluate because the validation measures are related with the submission of draft versions of deliverables, and there is no tracking or reference regarding when these draft versions have been produced. It has to be highlighted that the final versions of the deliverables have been produced, some of them in the planned dates but the majority with delay. For the next reporting period, management and control of the milestones needs to be improved by the consortium. ・The workplan has been followed without major deviations, however several deliverables were submitted with delay. ・The project is advancing in developments related to ICN associated with the objectives of the project. The main contributions in year 1 are related to: - Architecture and requirements to adequately integrate ICN components in 5G networks. - ICN related applications: video streaming, support for IoT, caching and ICN related components. - Edge gateway compatible with Fog computing and also NFV architecture - Mobility components to support ICN inside 5G networks. - Object security based in Attribute Based Encryption (ABE). - Deployment of testbeds and federation of testbeds using GTS. ・Impact has been achieved through scientific publications, talks, academic results, and communication activities. Industrial impact has been low as dissemination has been mainly restricted to the scientific environment. Also, standardization has been limited.
※評価ランク表	(1)Project has fully achieved its objectives and milestones for the period. (2)Project has achieved most of its objectives and milestones for the period with relatively minor deviations. (3)Project has achieved some of its objectives and milestones; however, corrective action will be required. (4)Project has failed to achieve critical objectives and/or milestones and/or is severely delayed. (5)Project has delivered exceptional results with significant immediate or potential impact (even if not all objectives mentioned in the Annex 1 to the GA were achieved)