

# 平成 26 年度日欧共同公募委託研究 終了レビュー評価結果（概要）

（研究期間 平成 26 年度～平成 29 年度）

研究課題名	受託者（共同研究者）
<p><b>採択番号 174A01</b> 大規模スマート ICT サービス実証基盤を用いたアプリケーション実証 <b>副題</b> 日欧が連携する都市型 Smart ICT 実験環境の創出 <b>Acronym FESTIVAL</b></p>	<p>国立大学法人大阪大学（松岡茂登教授） （学校法人京都産業大学・秋山豊和准教授、一般社団法人ナレッジキャピタル、学校法人立命館・西尾信彦教授、株式会社アクタスソフトウェア、株式会社 JR 西日本コミュニケーションズ、株式会社社会システム総合研究所） （Commissariat à l' énergie atomique et aux énergies alternatives（フランス）、Universidad de Cantabria（スペイン）、Engineering Ingegneria Informatica S.p.A（イタリア）、Easy Global Market（フランス）、Inno TSD（フランス）、Ayuntamiento de Santander（スペイン）、Sopra（フランス））</p>
<p>評価※ <b>Project has fully achieved its objectives and milestones for the period.</b></p>	<p>主な評価コメント</p> <ul style="list-style-type: none"> <li>・ The project has produced interesting results. The main achievements can be considered to be the integration of the platforms with testing, the readiness of the platforms for experimentation, the openness of the global platform to external experimenters, the experimentation of the platform by a varied range of end users, and the conclusion of the process to establish a sustainable platform based initiative after the end of the project, besides the usual related activities on project management, dissemination, and so on.</li> <li>・ The quality of project results is good in general since the project successfully create EU-Japan federated IoT experimentation platforms based on an EaaS model. The project has also a strong research and technological value because it bridges the gap among the existing component technologies and provides a common testbed infrastructure for efficient communication and collaboration among stakeholders. The project pushes European and Japanese IoT testbeds and their practices one step beyond the current state of the art.</li> <li>・ The impact of the project is quite good, given the visibility that it has achieved in both Europe and Japan. The experimentation by end users can be considered to be successful, and the solution found for the sustainability of the federation looks promising, although still requiring the improvement of some aspects.</li> <li>・ The produced technical results are in general of good quality. Software developments have been achieved, with the work related to the federation of the experimental facilities having reached its completion. The evaluation of achieved results was performed with care in several experiments. The platform has been tested by a discrete number of external experimenters, for the most from Japan. However, the consortium did not analyse the results in terms of strengthens, limitations and weakness of the platform from a technological point of view.</li> <li>・ The business models presented for commercial sustainability is not well addressed, because the target of users is not well identified and hence strategies and revenues do not convince.</li> <li>・ Dissemination is good in terms of quality and quantity of papers, number of events attended and organized. The outcomes of the project are available through the official web site, are well documented and can be useful for future developments both in the scientific and in the business area.</li> </ul>
<p>※評価ランク表</p>	<p>(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)</p>

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研究課題名	受託者（共同研究者）
<p><b>採択番号 174B01</b>                      高い密度で集中するユーザに対応可能なアクセスネットワークの開発  <b>副題</b>                      高密度ユーザ集中環境下におけるフォトニックネットワーク技術を用いた次世代無線技術の研究  <b>Acronym RAPID</b></p>	<p>国立大学法人大阪大学（村田博司准教授）                      （学校法人同志社・戸田裕之教授、国立研究開発法人電子航法研究所、株式会社日立製作所、一般財団法人電力中央研究所、コーデンテクノインフォ株式会社）                      （Universität Duisburg-Essen（ドイツ）、University of Kent（イギリス）、Corning Optical Communications（ドイツ）、Siklu Communications（イスラエル）、Exatel S. A.（ポーランド））</p>
<p>評価※ <b>Project has achieved most of its objectives and milestones for the period with relatively minor deviations.</b></p>	<p>主な評価コメント</p> <ul style="list-style-type: none"> <li>-The two field trials in Osaka and Warsaw are considered to be the main technological achievements of the project.</li> <li>-There have been six patent applications linked to RAPID technology development including EOM-based wireless beam tracking technologies as main innovation activities.</li> <li>-Several standardization activities in IEEE802.11, ITU-T, ETSI and IEC have been carried out. These are a good indication of a contribution to the state-of-the-art by the project.</li> <li>-Among the project activities, the world-record spectral efficient 60 GHz wireless transmission using a CRoF approach is worthy to be evaluated as one of the main achievements of the RAPID project.</li> <li>-The overall assessment of the project is summarized below:                             <ul style="list-style-type: none"> <li>・ main scientific/technological achievements of the project: Good</li> <li>・ main innovation activities: Good</li> <li>・ quality of the results: Partially good but some parts require further evaluation</li> <li>・ attainment of the objectives and milestones for the period : Good</li> <li>・ adherence to the workplan, any deviations (whether justified) and remedies (whether acceptable): Good</li> <li>・ take-up of the recommendations from the previous review (if applicable): Partially good, except the provision of financial and resource information</li> <li>・ contribution to the state of the art: Partially good but some additional work is necessary to allow adequate evaluation</li> <li>・ use of resources: This has been very difficult to assess due to the reluctance of the project management to provide information.</li> <li>・ impact: Partially good but some additional work is necessary to allow adequate evaluation</li> </ul> </li> </ul>
<p>※評価ランク表</p>	<p>(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)</p>