

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>採択番号 174B01 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 副題 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 Acronym RAPID</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※ Project has achieved most of its objectives and milestones for the period with relatively minor deviations.</p>	<p>主な評価コメント</p> <ul style="list-style-type: none"> -The two field trials in Osaka and Warsaw are considered to be the main technological achievements of the project. -There have been six patent applications linked to RAPID technology development including EOM-based wireless beam tracking technologies as main innovation activities. -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. -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. -The overall assessment of the project is summarized below: <ul style="list-style-type: none"> ・ main scientific/technological achievements of the project: Good ・ main innovation activities: Good ・ quality of the results: Partially good but some parts require further evaluation ・ attainment of the objectives and milestones for the period : Good ・ adherence to the workplan, any deviations (whether justified) and remedies (whether acceptable): Good ・ take-up of the recommendations from the previous review (if applicable): Partially good, except the provision of financial and resource information ・ contribution to the state of the art: Partially good but some additional work is necessary to allow adequate evaluation ・ use of resources: This has been very difficult to assess due to the reluctance of the project management to provide information. ・ impact: Partially good but some additional work is necessary to allow adequate evaluation
<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>