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）

<table>
<thead>
<tr>
<th>研究課題名</th>
<th>受託者（共同研究者）</th>
</tr>
</thead>
<tbody>
<tr>
<td>採択番号 174801</td>
<td>国立大学法人大阪大学 （村田博司准教授）</td>
</tr>
<tr>
<td>高密度で集中するユーザに対応可能なアクセスポットワークの開発</td>
<td>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</td>
</tr>
<tr>
<td>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</td>
<td>University 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）</td>
</tr>
</tbody>
</table>

| Acronym | RAPID |

評価

- Project has achieved most of its objectives and milestones for the period with relatively minor deviations.

主な評価コメント

- 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:
  - 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

評価ランク表

- Project has fully achieved its objectives and milestones for the period.
- 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.
- 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)