METI JPO-RIETI国際シンポジウム
標準必須特許を巡る紛争解決に向けて
プレゼンテーション資料

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PREVENTING DISPUTES OVER STANDARD ESSENTIAL PATENTS FROM DIFFERENT INDUSTRIES

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The Landscape of Today

- The number of patent holders and product manufacturers grow with each generation of wireless technology
  - *5G and IoT will only accelerate that trajectory*

- Cross-industry discussions take place on how to share wireless technology
  - Knowledge on *standard essential patents* and *telecom licensing* is limited outside of telecom

- *Many departments in the organization are involved in licensing discussions with their own perspectives*
  - Different interpretations of FRAND, SEP ownership and *where a license is taken in the supply chain*

- Patent holders find difficulties in generating a fair return on their SEP portfolios
  - *SEPs are divested*

- Lack of transparency across these licensing discussions in terms of royalties
  - Licensees unsure if *the rates are fair, reasonable* and if *competitors are paying the same*
## Challenges on Both Sides

<table>
<thead>
<tr>
<th>Product Manufacturer</th>
<th>Patent Owner</th>
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<tr>
<td>Understand the license needed/knowledge on SEPs</td>
<td>Share technologies with many new industries</td>
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<td>Licensing process and existing supply chain</td>
<td>Understanding new supply and business models</td>
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<td>Paying a FRAND rate and not more than competitors</td>
<td>Receiving a FRAND rate and recoup R&amp;D investments</td>
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<td>Knowing the patent owners’ share/SEP landscape</td>
<td>Justifying continued investment in early research</td>
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<td>In-house expertise needed for complex negotiations</td>
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Simplicity  Transparency  Predictability

A Collaborative Approach to 5G Licensing for Avoiding Conflicts Across Industries