

<b>P20: Nighttime light monitoring</b>	
<b>Maturity score</b>	
<b>Mean:</b> 2.5	<b>STD:</b> 0.66
<b><u>Constraints and limitations</u></b>	
<ul style="list-style-type: none"> <li>• Cloud presence</li> <li>• Natural light sources like moonlight can interfere with the detection of artificial nighttime light.</li> <li>• May not be sensitive enough to detect low-intensity light sources accurately, which can lead to underestimation of nighttime light in less densely populated areas.</li> </ul>	
<b><u>Relevant user needs</u></b>	
UN37: Projection of risk to portfolio assets into the future.	
<b><u>R&amp;D gaps</u></b>	
<ul style="list-style-type: none"> <li>• The lower spatial resolution of the products</li> </ul>	
<b><u>Potential improvements drivers</u></b>	
<ul style="list-style-type: none"> <li>• New missions with higher spatial resolution</li> </ul>	
<b>Utilisation level review</b>	
<b>Utilisation score</b>	
<b>Mean:</b> 2.68	<b>STD:</b> 1.12
<b><u>No utilisation</u></b>	
Unawareness of the existence of this EO product	
<b><u>Low utilisation</u></b>	
<ul style="list-style-type: none"> <li>• The product is already satisfying the technical and usability requirements.</li> <li>• Unawareness of the existence of commercial EO products with better specifications,</li> </ul> <p>Awareness of its use as a proxy for economic activity. Would be good for the FM community to check if it has other use cases within the industry.</p>	
<b><u>Medium utilisation</u></b>	
<b><u>High utilisation</u></b>	
<b>Critical gaps related to relevant user needs</b>	