The Correlation of Implementing Space Debris Mitigation Guidelines and Practices, Risk Probability and Third Party Liability Insurance
Regulatory Framework of the UAE Space Sector
Possible risk scenarios considered in third party liability

<table>
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<tr>
<th>Phase</th>
<th>Scenario</th>
<th>Risks</th>
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<tbody>
<tr>
<td>Launch</td>
<td>Scenario 1, Scenario 2, Scenario 3</td>
<td>Damages to Environment, Damages to Properties, Casualty</td>
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<td>In-orbit</td>
<td>Scenario 4, Scenario 5</td>
<td>Damages to Properties</td>
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<td>Re-entry</td>
<td>Scenario 6, Scenario 7, Scenario 8</td>
<td>Damages to Environment, Damages to Properties, Casualty</td>
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Correlation of risk probability and insurance amount

- Part of the claims distribution covered by the Third Party Liability Insurance
- Extremely low probability and high costs claims
- Claims amounts in $
Correlation of risk probability and insurance amount

Regulatory Incentives:

- Compliance to Space debris mitigation guidelines and practices:
  - Mitigation of space debris related risks
  - Lower probability of risk
  - Lower requested TPL Insurance amount

- Facilitation of the authorization procedures by the UAE Space Agency.