Breakout Session 3

Question 14



Question 14

 Are there alternatives for roughness triggers (i.e. smoothness construction alternatives)?
How should LCA results and LCCA be combined?

Group 5

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Q14: Alternatives for Roughness Triggers & LCCA/LCA

- Two types of situations for triggers:
 - Design
 - Use available & appropriate models
 - Maintenance
 - PSD (vehicle-independent measure)
 - Sub-triggers can be considered

Q14: Alternatives for Roughness Triggers & LCCA/LCA

- Separately conducted LCCA first, LCA second for verification
- The weight for each evaluation may be different depending on the situation
- Innovation of design tools to incorporate LCA aspects
- Boundaries in LCCA and LCA must be established to avoid double-counting