

THE NSSR ROAD SAFETY/SUPPORT PROGRAMME



MONTHLY
BULLETIN

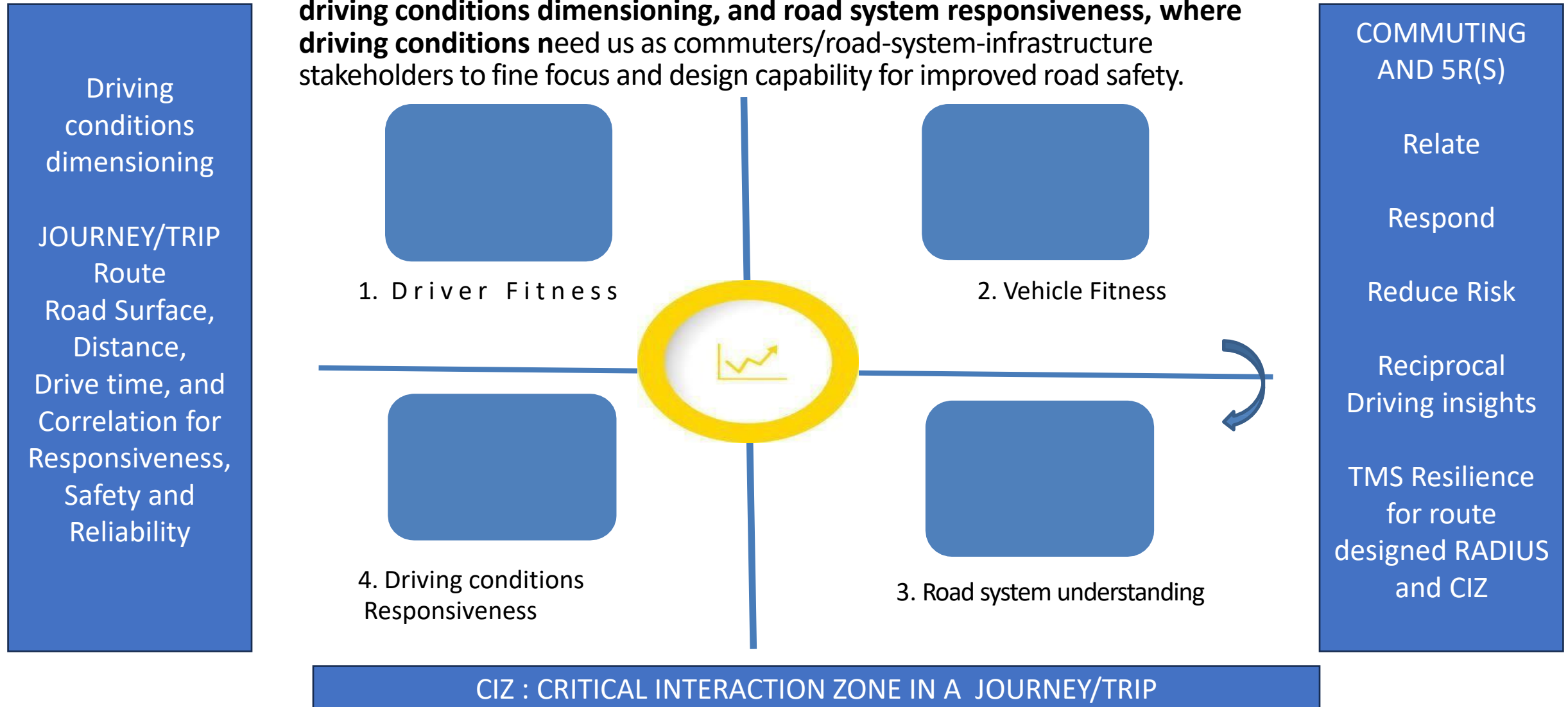
Road Safety / Support is a
mainline National Safety
and Social Responsibility

DASHBOARDING ROAD SAFETY / SUPPORT
BY
VENKATRAM K S, AOEC 2026-2027

AUG
2026

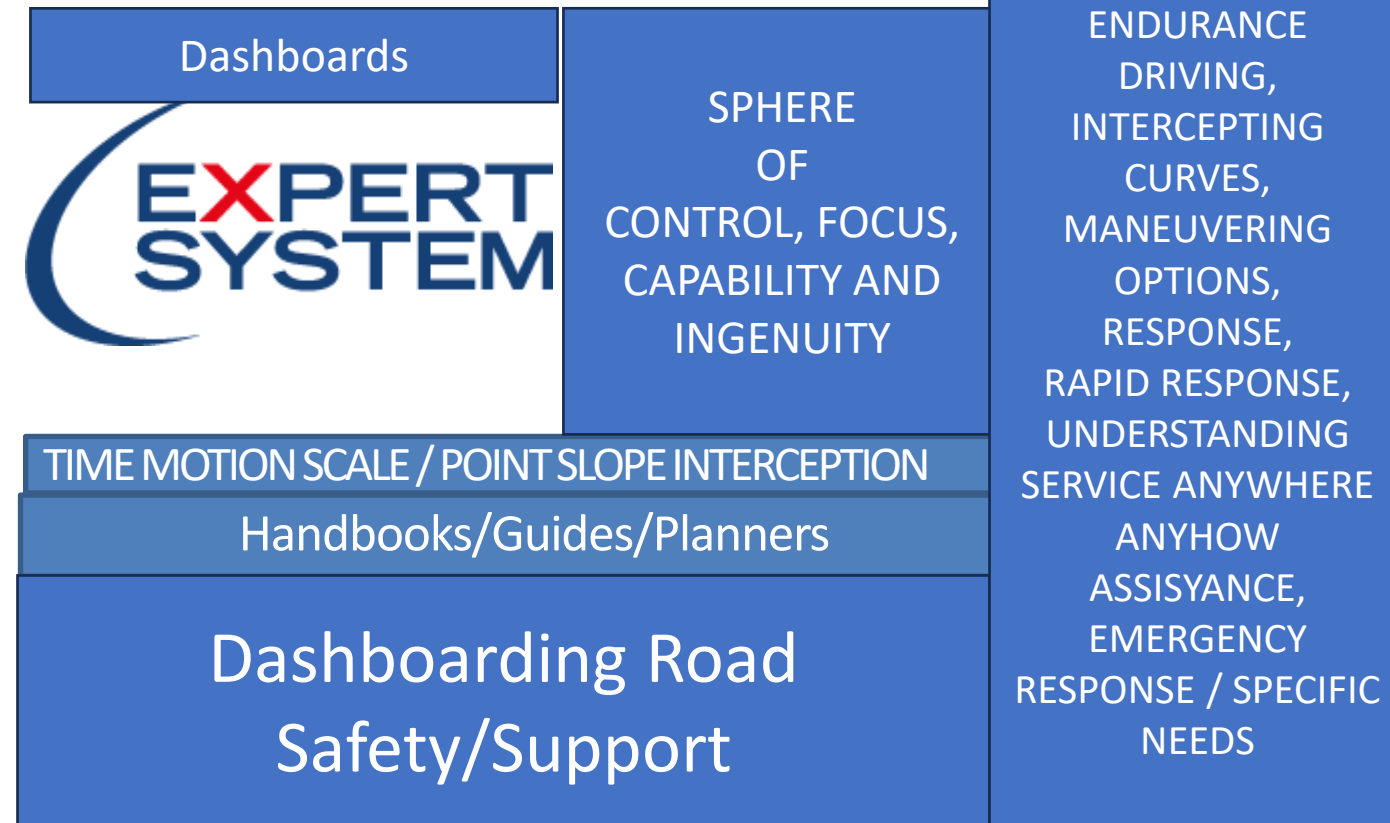
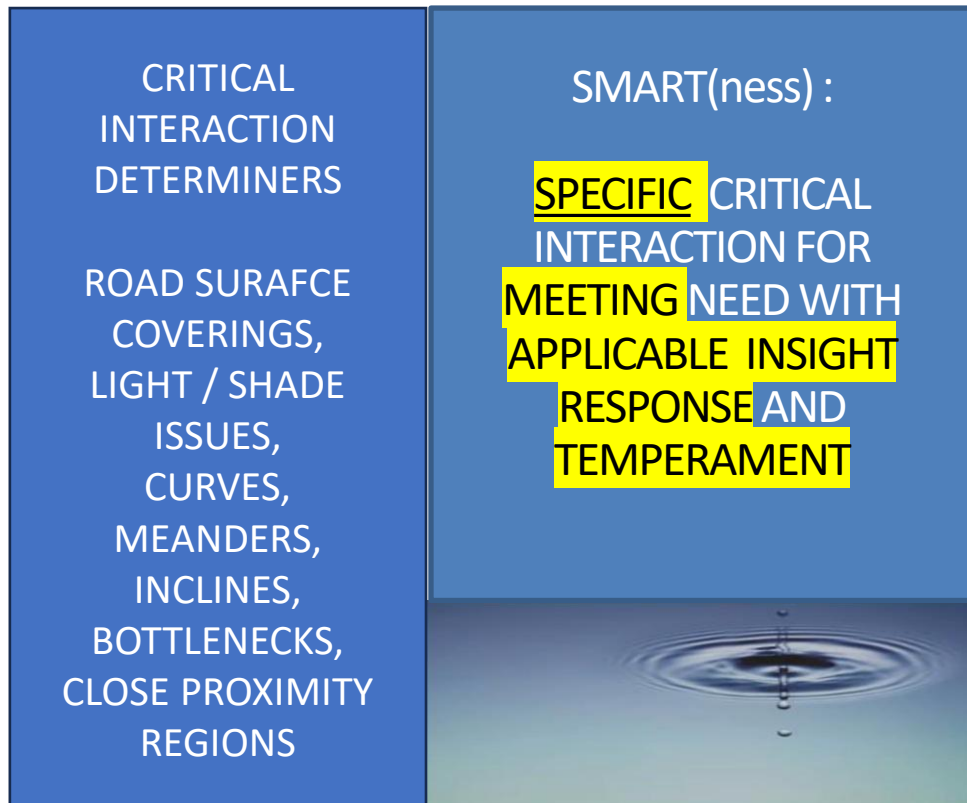
Dashboarding Road Safety/Support

- **AOEC finds that safety while commuting on road, depends upon the automobile manufacturer's quality assurance, driver fitness, vehicle fitness, driving conditions dimensioning, and road system responsiveness, where driving conditions need us as commuters/road-system-infrastructure stakeholders to fine focus and design capability for improved road safety.**



Dashboarding Road Safety/Support

- AOEC finds that instrumentally, Dashboarding Road Safety / Support (DRSS) projects must
- define a TMS workflow for accentuating
 1. Driver Fitness
 2. Vehicle Fitness
 3. Road system understanding
 4. Alpha Assistance
 5. 5R(s) SMART(ness) for a safer journey



Dashboarding Road Safety/Support

- DRSS SMART(ness) for a journey/trip and virtual POINT SLOPE INTERCEPTION can make it simpler to identify the tangible correlation between driving conditions dimensioning of a route/road system/road with a DRSS Workflow to help and improve safer commuting
- This DRSS Workflow plus NSSR RS programme teamwork can
 - Record-or-review,
 - Relate,
 - Reduce risk,
 - Reciprocate response and
 - Design Resilience for any journey/trip and its dimensions like the
 - road surface,
 - distance,
 - drive time,
 - commute reliably factors, where there is universal or brand specific service centre-assessable part-lifetime mitigation, condition monitoring, traceable fault tolerance/preventive and corrective action, where this DRSS Workflow development can help a NSSR participant define/use a NSSR RS index for a journey/trip/TMS radius, where the index can be simply (1), (2), (3), (4) or combinations of them

The NSSR project recommends the use of different assistants to help commuters improve their experience

Dashboarding Road Safety/Support

- **(1) NRRS-I1:** = where this workflow will need to address History of interaction & Foreseeable needs and 5R(s)
- **(2) NRRS- I2:** = this workflow will need to address Critical Interaction Zone needs and 5R(s)
- **(3) NRRS- I3:** this workflow will need to address Road/Route dynamics and 5R(s)
- **(4 NRRS- I4:** this workflow will need to address **Advanced safety needs and 5R(s)**
- (like air quality, unregulated climate intolerance, temperature/humidity, road system or road or terrain safety, with more than an expected driving style for commuting with safety, reliability & timing and with more than programmed gear changes, or braking or drive distribution between the front and rear wheels as expected in 4WD modes)
- The bulletin looks at the different assistants that can help a commuter's 5R(s). The editions that follow will delve into details of each of them to help a commuter/stakeholder ramp up scores in a dashboard

Dashboarding Road Safety/Support

- The DRSS Data Analysis Channel Building for an **automobile manufacturer's quality assurance, driver fitness, vehicle fitness, driving conditions dimensioning, and road system responsiveness** for deteriorating or changing driving conditions dimensioning of the needed SMART(ness for safer commuting will need to
- **1. Improve Sensitization and Awareness for Road Safety**
- **2. Develop issue/feedback/data channelization for safer commuting**
- **3. Provide handbooks/guides/planners for such planning/ incorporation**
- **4. Promote quality for road safety and infrastructure via NSSR guided methodologies like the training programmes/monthly bulletins & quizzes/dashboarding of experience or incidences**

DRSS Lifecycle and
NSSR RS Teamwork for
the DRSS Workflows

DRSS Data Analytics
and
Drive Performance
SMART(ness)



Road safety and Accountability Dashboard for the Year 2026

- ☐ Certificate of Excellence YES / NO / NOT SATISFACTORY
- ☐ Traffic issues or incidences YES / NO / NOT SATISFACTORY
- ☐ Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- ☐ Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
- ☐ Upgradability of NSSR Road Infrastructure objectives YES / NO / NOT SATISFACTORY
- ☐ Traffic Engineering Assets planning YES / NO / NOT SATISFACTORY
- ☐ Traffic Engineering Defects Liability YES / NO / NOT SATISFACTORY
- ☐ Improved on-road assistance YES / NO / NOT SATISFACTORY
- ☐ Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- ☐ Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY



Road safety and Accountability Dashboard for the Year/Season 1

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Road safety and Accountability Dashboard for the Year/Season 2

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Road safety and Accountability Dashboard for the Year/Season 3

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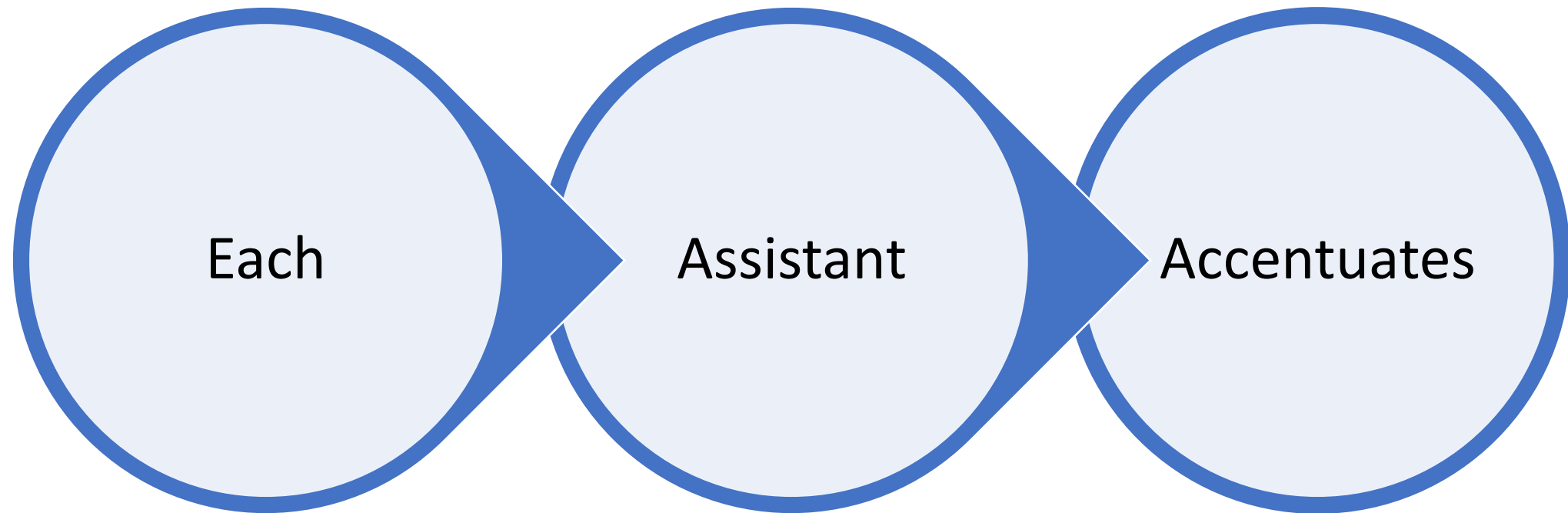


Road safety and Accountability Dashboard for the Year/Season 4

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DRSS Assistants – Call for Mitigation





Call-for-Mitigation

- **Emergency / Specific Needs/ Failure / Hazards Assessment Report (as a baseline)**
- 1. Has any unclear drive experience tagging been done?
- 2. Are there history of interaction based comfort level, safety or performance issues?
- 3. Are there any newer comfort level, safety or performance issues?
- 4. Are there any failure or emerging failure issues?



Call-for-Mitigation

- 5. Are there detached parts or hanging parts?
- 6. Has the body work been affected?
- 7. Are there engine problems?
- 8. Are there attached systems/parts problems?
- 9. Have any parts/components fallen off?
- 10. Have people or drivers on the road reported any sightings or issues?



Call-for-Mitigation

- 11. Have any parts degraded or developed premature failure patterns?
- 12. Have any wires/connections/cables been affected or have any connections separated?
- 13. Has the location of sensors changed/shifted due to drive experience/issues?



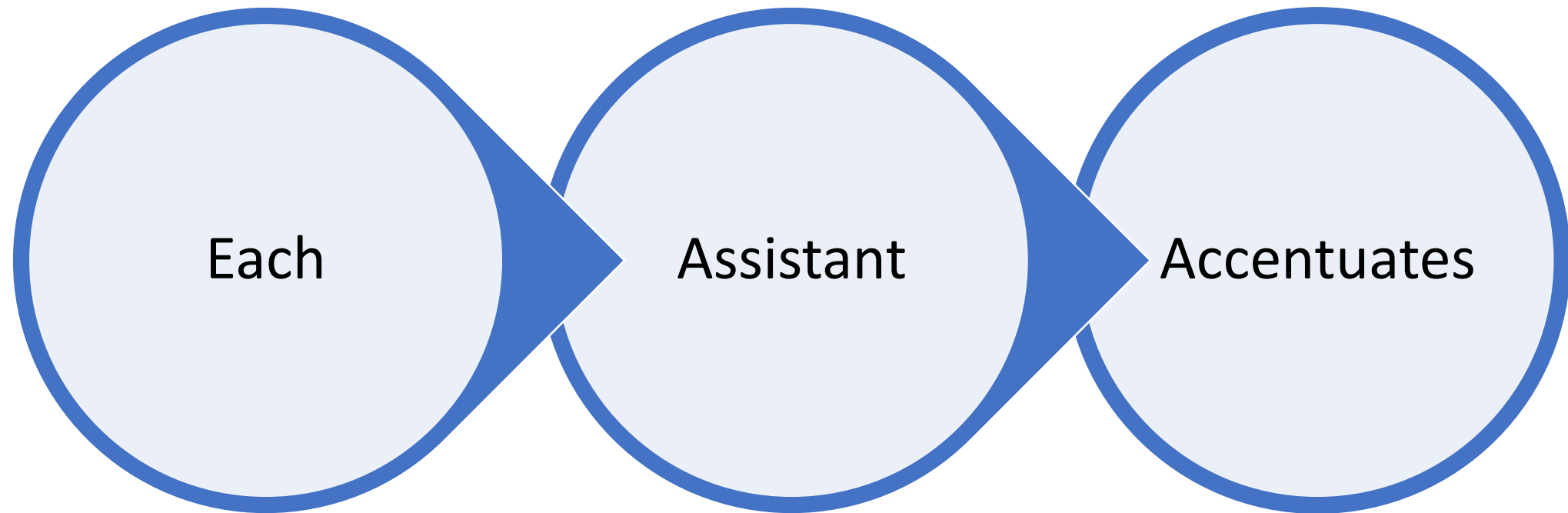


Call-for-Mitigation

- 14. After the last Service Anywhere Anyhow on-road assistance or Service Centre assistance, are there any new issues/problems/changes in driving
- If the answer is yes to any of the relevant questions, then the DRSS/NSSR RS Maintenance, Repair or Tuning team may need to rethink strategy/estimations/actions.



DRSS Assistants – Call for Mitigation



Quiz

DRSS
Assistants –
Call for
Mitigation

