SUNRISE

SAFETY ASSURANCE FRAMEWORK FOR CONNECTED, AUTOMATED MOBILITY SYSTEMS

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Main goal

Develop and provide a harmonized and scalable **CCAM Safety Assurance Framework** that fulfils the needs of different automotive stakeholders, for a continuously evolving number of use cases and scenarios.

**Key facts**

- Run time: Sep 2022 – Aug 2025
- Budget: 13.455.866,25 €

**Key one-liner**

“The decade long debate in scenario-based assessment, converges into a common basis.”
SUNRISE

Safety Assurance Framework

SUNRISE = Safety assurance framework for connected, automated mobility systems
✓ Sticks your ODD to all the right scenarios
✓ Sticks your assessment needs to our methodologies
✓ Sticks your analysis results to those of others
✓ Sticks your consumer eyes to all relevant selection criteria
✓ Sticks your scenario database to our framework
✓ Sticks your (software) tools to those of others
What’s new?

Methodologies
Harmonization
Standardisation
International cooperation
Use cases
Simulation platform
Environmental conditions
Toolchain
Mixed traffic
Edge cases
European Scenario Database
Scenario sharing & DB principles
Type approval scheme
Future proof
Functional safety
Coverage
CCAM Safety Assurance Framework

Improve
Extend
Create

TRL 3-4
TRL 6-7
2 Afterlife
SUNRISE is a project. And projects come to an end. Between the objectives of the SUNRISE project, is that results must be adopted by relevant stakeholders around the world. But without specific countermeasures, it is very likely that SUNRISE results become outdated and abandoned after the project ends.

3 No adoption
One of the objectives of the SUNRISE project, is that results must be adopted by relevant stakeholders around the world. This involves the risk that these entities do NOT adopt SUNRISE results.
Risk responses

2 Afterlife
3 No adoption

Regulating entities
Standardization bodies
NCAP organizations
Manufacturers
Suppliers

SAKURA
V&V Methods

Regulating entities
Standardization bodies
NCAP organizations
Manufacturers
Suppliers
Thank you!

Any questions?

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