



Rating (Environment) Simulation Solutions

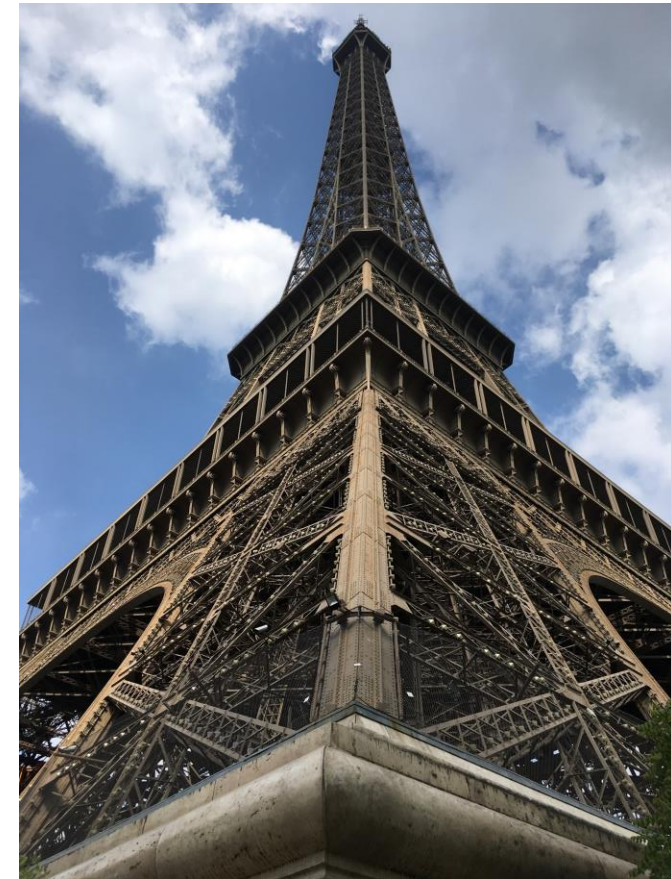
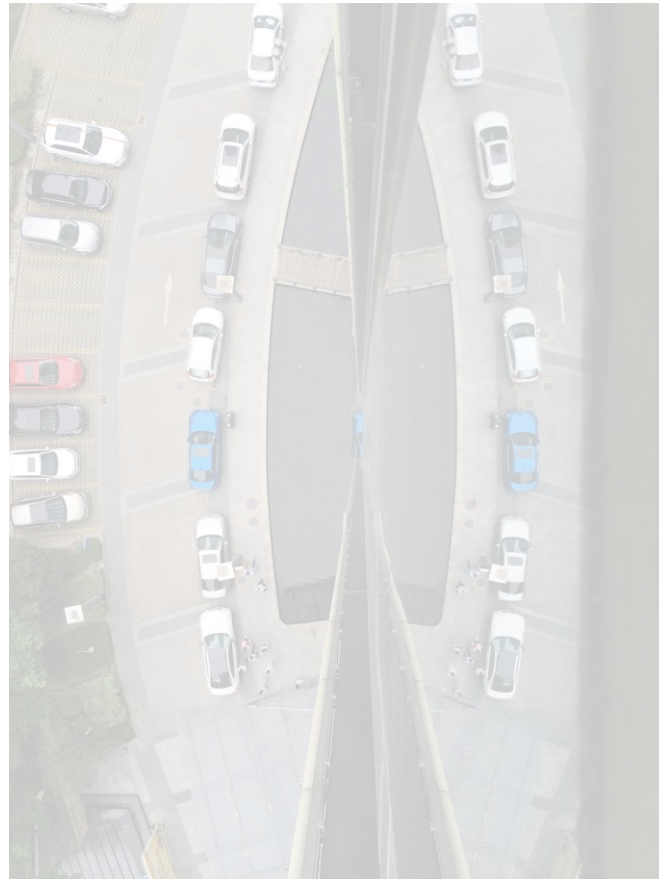
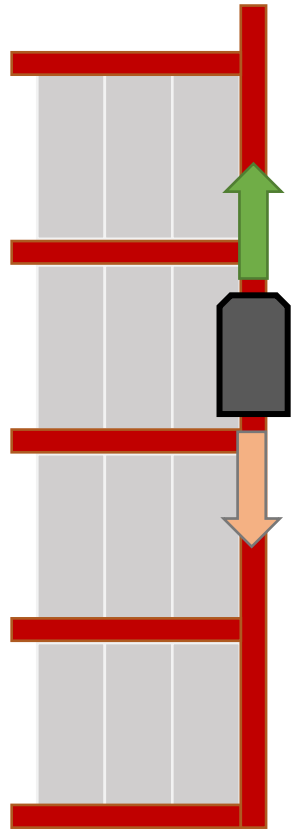
Marius Dupuis – SimCert.org

September 01-02, 2021 – GSVF

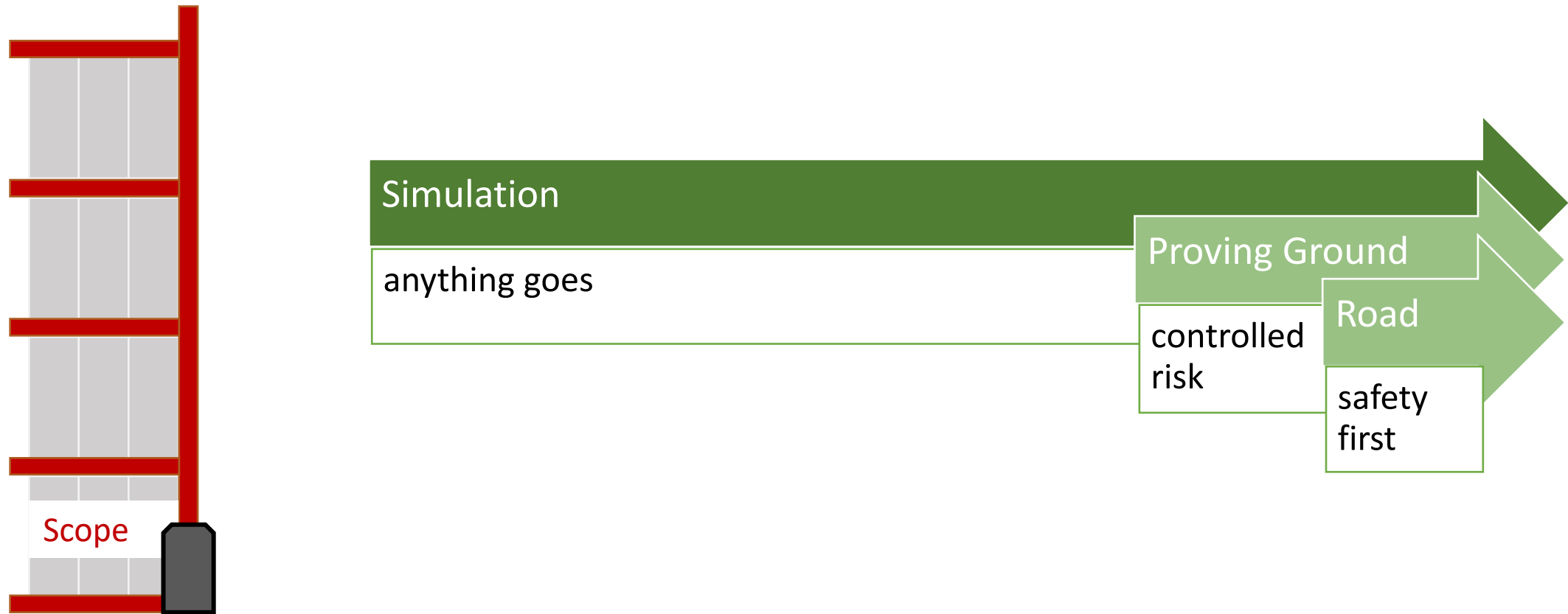
12-Minute Pitch

Top Down

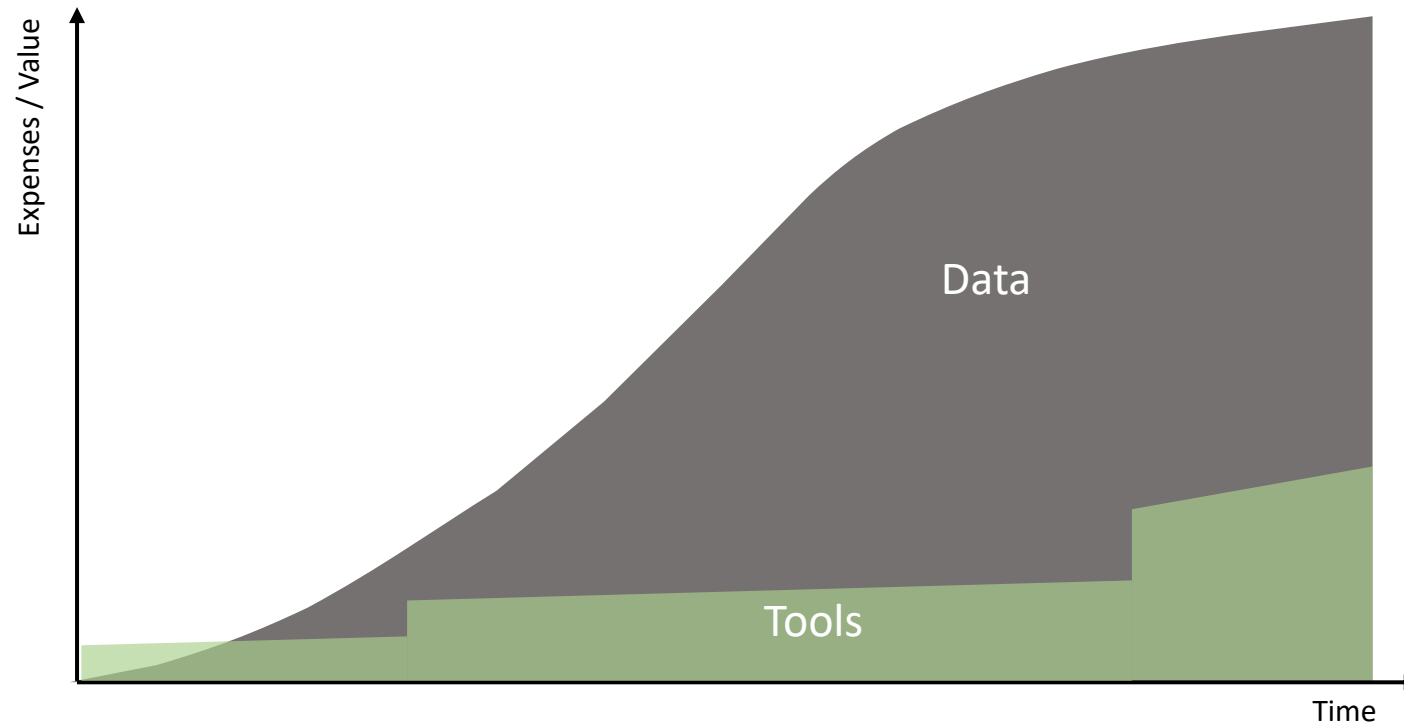
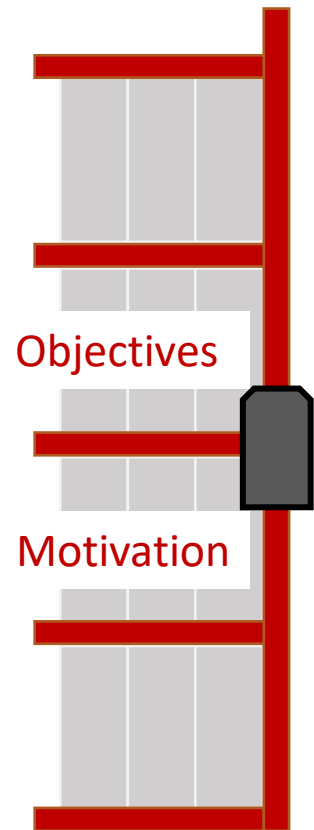
Bottom Up



Developing and Testing ADAS/AD Systems



Development Lifecycle



Assets

- Tools are a (small) fraction of the investment
- Tools may change over time
- Data created with tools become long-term assets

What the Market Needs

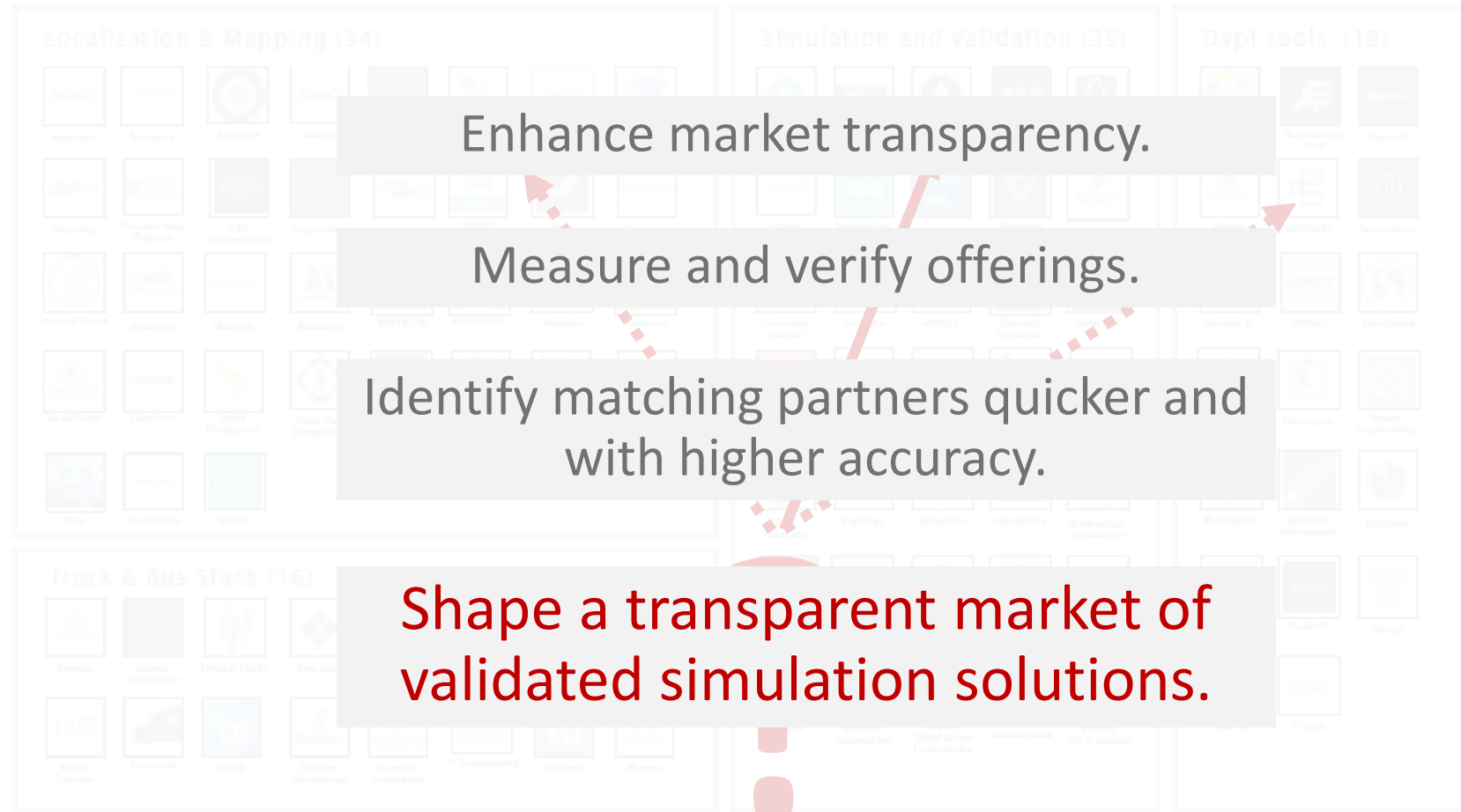
Objectives

Enhance market transparency.

Measure and verify offerings.

Identify matching partners quicker and with higher accuracy.

Shape a transparent market of validated simulation solutions.



Source: <https://www.topionetworks.com>

The Sim | Cert Method



Method



Public Data

- Product website
- Product data sheets
- Product manuals
- Training videos
- Webinars
- Conferences

Interviews

- Demonstration by product owner
- Questionnaires
- Q&A sessions with product owner
- Q&A sessions with users

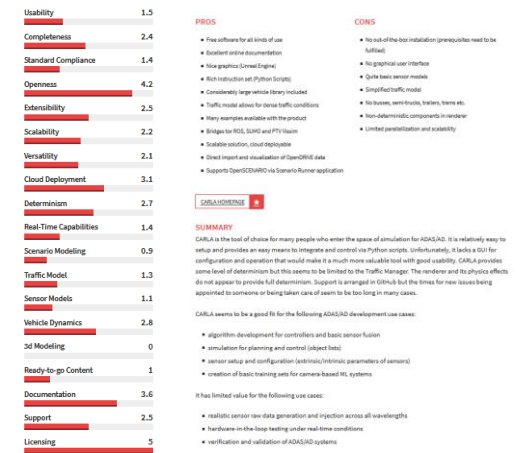
First-Hand Product Experience

- Download and installation of free products
- Evaluation licenses of commercial products
- Testing along rating guideline

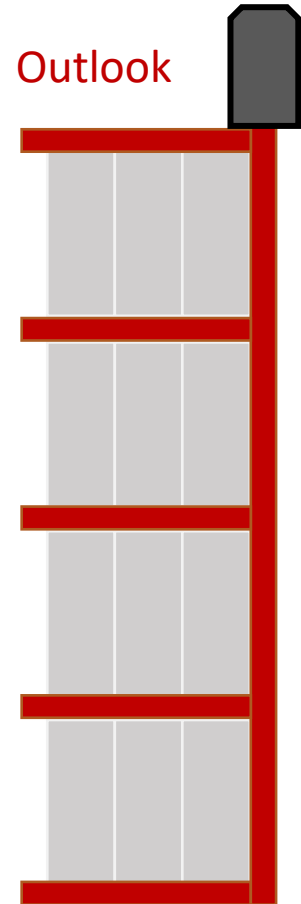
Rating table

- 19 top-level rating criteria
- 198 second-level aspects
- 875 third-level topics
- 1063 values

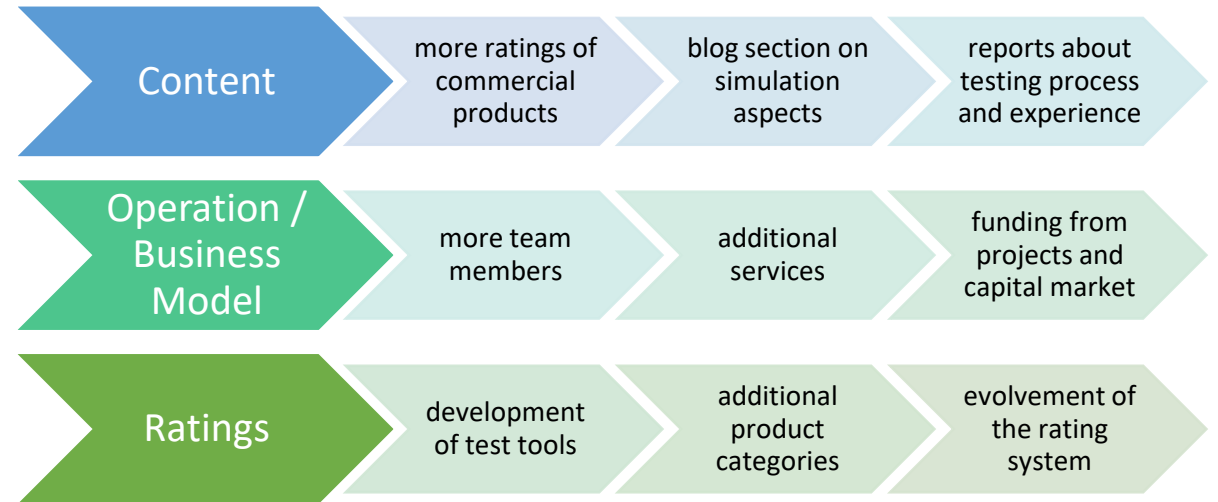
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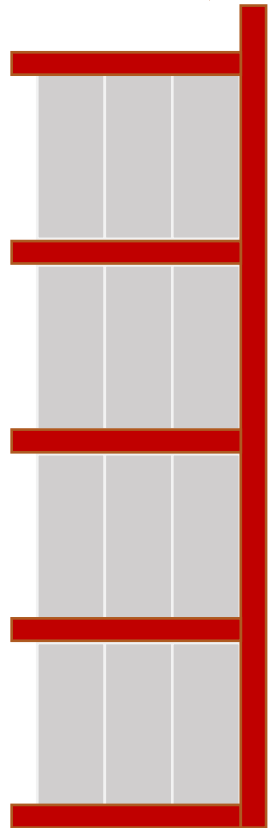
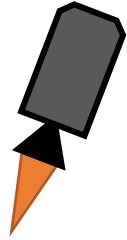
The Future



Round table
„Quantifying
Simulation Quality“



Lift-off



The Opportunity is Now!



Thank you!

Q&A

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