



DEVELOPMENT SPRINT REVIEW

CALENDAR WEEK 12.21

OVERALL PROJECT SVC2 (1/2)

Key Milestones Overview:

Shakedown finish SVC2.1 'Salt' car: 19.04.21 (+1 week for WLTP run with SVC2.1, because of PO issue)

Shakedown finish SVC2.2 'Pepper' car: 30.04.21

HIGHLIGHTS: Continuous improvement process started (QR-Code in the vehicle) → QUAL

Received SVC2.1 at the office and successful internal audit → QUAL

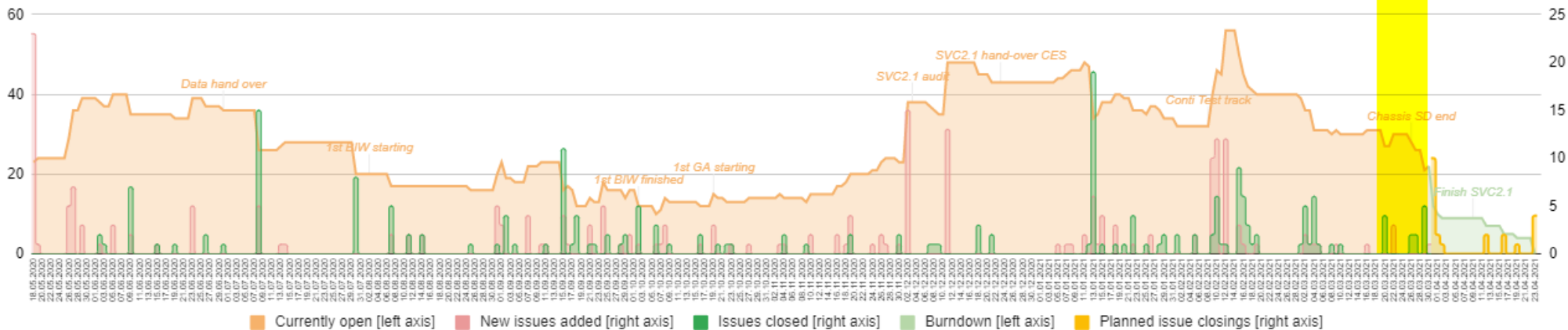
Burndown Chart: (next slide)

LOWLIGHTS: None

BLOCKER: None

OVERALL PROJECT SVC2 (2/2)

SVC2 Issues since project start



RESTART

HIGHLIGHTS: CAD-Reviews for Hardpoints (Basic Data) done, RLE is completing the list.

LOWLIGHTS: ESP/Supplier Status: minor changes.

BLOCKER: Sickness cw12.

HIGHLIGHTS: SOP: Implementation ERP-System - Commercial agreements closed, project Kick-Off April 6th 2021.

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS:

Restart: BM Plastic contract signed, started already for Sono Solar.

SOP: 1 x Hybrid Commodity Manager and SQE starting in July. (E/E & Infotainment).

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS:

SVC2: Optimization of the procedure for the product audit for the SVC2.2 (and SVC2.1)
→ Audit SVC 2.1 on 30.03.2021.

SVC2.1 handover inspection at Roding done.

Establishment of an issue collection process in relation to vehicle -> also intended for series.

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS:

Restart: Evaluate additional way of hiring - Done.

Series: Prepare all information for RFQ for Start up. Ongoing.

LOWLIGHTS: Restart: Hiring takes more time than expected.

Series: Prepare all information for RFQ for Start up. Ongoing. Not finished because of concentrating on hiring.

BLOCKER: None

BODY CLOSURE

HIGHLIGHTS:

ML Exterior started & onboarded, starts to take over Exterior system development.
Good progress on lighting development > FRT/RR lights are nearly all homologation checked.

Sealing concept development RLE/ARRK KO > rough direction agreed for Tailgate water channel (compromise plastic cover & BIW support).

SVC2: tailgate gas struts positions are changed & opening angle is now higher (clears head height > questions from community).

SVC2: reworked door checks are fitted next week by RA.

NEVS support for closures engineering available > will start reviewing in cw 14.

LOWLIGHTS: None

BLOCKER: SVC2 problem solving takes directly away from SVC3 restart/series dev and Group Sion budget planning.

HIGHLIGHTS:

SVC3/Series:

Pre-Development support is on track: FE extension/restyling work started.

Aerodynamic review held this week and feedback provided to improve airflow around the vehicle.

Front/Rear lighting concept development first drafts complete, Sealing concepts of exterior panels started to ensure good water management.

LOWLIGHTS: None

BLOCKER: None

BODY STRUCTURE

HIGHLIGHTS:

SVC3: Overview about corrosion protection.

CAE Investigation of weight reduction --> potential about 20kg.

Ongoing discussions/ feedback with suppliers.

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS: SVC2: Remaining issues will be reviewed with Roding.

SVC3: Road to SVC3 design release meeting/input provided again to RLE/PM.

Kick-off of Crash&Safety and Interior ESPs with limited capacity will take place next week ahead of collecting the quotes from the main RFQ.

Crash&Safety Vehicle Model Status (as of the previous design development phase between April-July 2020); module leaders to chase suppliers for the compliance of Crash&Safety Requirements put in purchasing RFQ.

INTERIOR (2/2)

LOWLIGHTS: From previous Sprint:

Alignment with HR on Interior|Crash&Safety Positions- 54 application in 1 week; scrutiny check will happen next.

BLOCKER:

SVC3: Progress in getting all of the suppliers onboard till April that will be important for Interior and Crash&Safety development.

INFOTAINMENT

HIGHLIGHTS: SVC3: Instrument Cluster STS is done, need some changes with regards to ASIL-B compliant.
Hiring is in progress.

LOWLIGHTS: None

BLOCKER: None

DESIGN (1/2)

HIGHLIGHTS:

SVC2: updated center console color, regained plastic decorative trim and steering wheel rubber checked and looks good.

SVC3:

Exterior: Styling Gap design with radii and first flange delivered.

Front and rear Light Concept development ongoing. Additional support by styling Strak supplier.

Aerodynamic improvements vs. design compromises.

Interior: Styling CAS will be finished at the end of next week.

Open Next mentorship ongoing: developing 2 projects with the community: lockable trunk box for sharing and a phone holder.

LOWLIGHTS: None

BLOCKER: A pillar obstruction topic has to be aligned internally - (Information is essential for interior styling and exterior styling to progress.)

Steering shroud position unclear to work out a cut out for the shroud / position the steering wheel.

HIGHLIGHTS:

SVC3:

Alignment with CTO on FuSa ReStart > ongoing.

LOWLIGHTS: None

BLOCKER: None