

SORA₄UAM

Framework for automated risk information management supporting “Next-Gen” SORA for UAM in Austria and Beyond

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Kurzdarstellung der Konsortialpartner

- **FH Kärnten – Forschungsgruppe SIENA** (Spatial Informatics for ENvironmental Applications)
 - Konsortialführung
- **FH JOANNEUM – Aviation**
- **AIRlabs Austria GmbH**
- **Austro Control GmbH – Drone Competence Center (DCC)**

Drittleistung: FACC AG

Ziel des Projekts

- SORA₄UAM identifies the requirements for supplemental spatial risk information for "Next-Gen" SORA with a focus on UAM applications.
- SORA₄UAM elaborates a proposal regarding automatically derive required risk information data.
- SORA₄UAM develops algorithms for automated production, handling of missing data and maintenance of the supplemental spatial information for "Next-Gen" SORA based on the best available data sources.
- SORA₄UAM will provide a key baseline for follow-up research proposals at national and international level.

Work Plan Overview

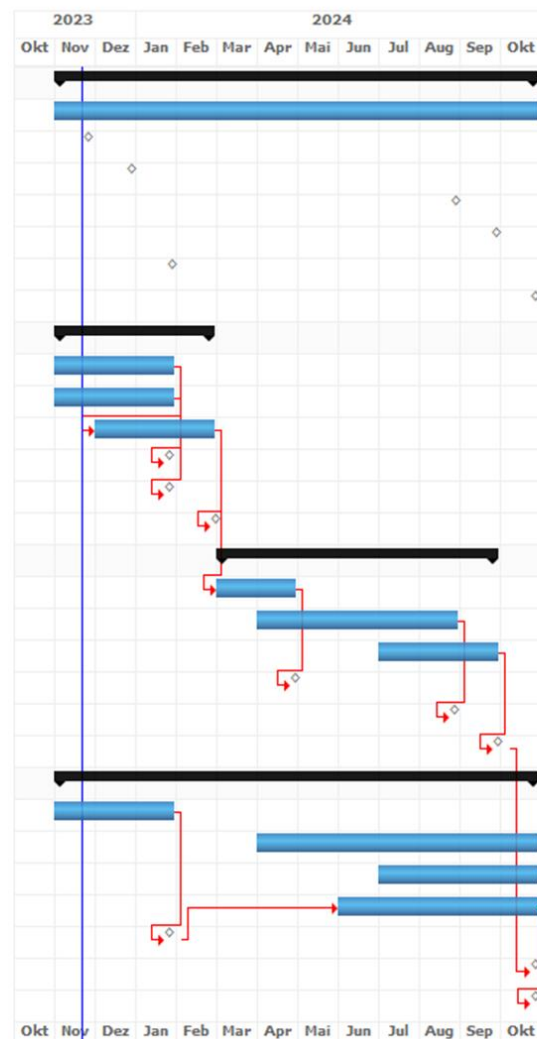
1.11.2023

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31.10.2024

Ansicht: Woche | Monat | Quartal

| | Start | Ende |
|--|-------------------|-------------------|
| - Projektmanagement | 01.11.2023 | 31.10.2024 |
| Projektmanagement (Lead: FH K... | 01.11.2023 | 31.10.2024 |
| MS: Project Kick-Off | 29.11.2023 | 29.11.2023 |
| MS: Consortium Agreement | 01.01.2024 | 01.01.2024 |
| MS: Open Innovation, Design Th... | 01.09.2024 | 01.09.2024 |
| MS: Partner Meetings | 01.10.2024 | 01.10.2024 |
| MS: Data Management Plan | 01.02.2024 | 01.02.2024 |
| MS: Final report and Final Acco... | 31.10.2024 | 31.10.2024 |
| - Requirements & Scenarios Def... | 01.11.2023 | 29.02.2024 |
| Definition of legal and safety req... | 01.11.2023 | 31.01.2024 |
| Customer requirement analysis | 01.11.2023 | 31.01.2024 |
| Documentation of identified requir... | 01.12.2023 | 29.02.2024 |
| MS: Legal and safety requiremen... | 31.01.2024 | 31.01.2024 |
| MS: Customer requirements defin... | 31.01.2024 | 31.01.2024 |
| MS: Documentation of identified r... | 29.02.2024 | 29.02.2024 |
| - Framework Development | 01.03.2024 | 30.09.2024 |
| Analysis of available spatial data | 01.03.2024 | 30.04.2024 |
| Development of algorithms for au... | 01.04.2024 | 31.08.2024 |
| Framework development and for... | 01.07.2024 | 30.09.2024 |
| MS: Spatial data analysis finalized | 30.04.2024 | 30.04.2024 |
| MS: Algorithms developed | 31.08.2024 | 31.08.2024 |
| MS: Framework description finali... | 30.09.2024 | 30.09.2024 |
| - Dissemination & Outreach | 01.11.2023 | 31.10.2024 |
| Development of project communi... | 01.11.2023 | 31.01.2024 |
| Preparation of a scientific publi... | 01.04.2024 | 31.10.2024 |
| Follow-up project proposal outline | 01.07.2024 | 31.10.2024 |
| Public drone-community centered... | 01.06.2024 | 31.10.2024 |
| MS: Project communication strate... | 31.01.2024 | 31.01.2024 |
| MS: Scientific paper submitted | 31.10.2024 | 31.10.2024 |
| MS: Public dissemination activitie... | 31.10.2024 | 31.10.2024 |



Angestrebte Verwertung

- Scientific Publications, e.g. SESAR Innovation Days
- National & International Follow-up Research Project
- Close Alignment with AustroControl (DCC)
- Proactive Anticipation of SORA 2.5 and 3.0 Syntax (Quantitative Ground and Air Risk Assessment etc.)
- Dissemination in UAS stakeholder networks (e.g. but not limited to AIRlabs and AAD)

Kontakte und Ansprechpartner*innen

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