

# Welcome

## FOSS LÄND: Tackling Automotive Compliance Challenges Through Collaboration

x

29 January 2026 11:40-12:00 CET

- Learn how regional communities can provide practical support and foster collaboration.
- Discover approaches to empower participation in open standards and connect with relevant organizations.
- Engage in an open discussion to share experiences and solutions



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Coordinated by:



Supported by:



 automotive software  
collaboration bw   
The FOSS-LÄND Community

# FOSS-LÄND – Baden-Württemberg – Zoom-In

The image displays three separate Wikipedia page screenshots arranged horizontally, illustrating the "Zoom-In" concept from a general topic to a specific country.

- Screenshot 1: Global Overview**  
The title is "Glob".
  - Contents:** Article, (Top), Terrestrial and planetary, Celestial, History, Manufacture, Examples, Gallery, See also, References, External links.
  - Text:** This is a broad category covering various celestial bodies and their properties.
- Screenshot 2: Europe**  
The title is "Europe".
  - Contents:** Article, (Top), Etymology, Definition, History, Geography, Politics, Economy, Demographics, Culture, See also, Notes, References, External links.
  - Text:** This article is about the continent of Europe. It covers its geographical features, political entities, and economic integration.
- Screenshot 3: Germany**  
The title is "Germany".
  - Contents:** Article, (Top), Etymology, History, Geography, Politics, Economy, Demographics, Culture, See also, Notes, References, External links.
  - Text:** This article is about the country. It discusses Germany's location, history, government, economy, and international relations.
  - Right sidebar:** Includes sections for the Federal Republic of Germany (Bundesrepublik Deutschland), featuring the German flag and coat of arms, and a video player showing the national anthem "Das Lied der Deutschen".

Source: <https://en.wikipedia.org/w/index.php?title=Glob&oldid=911111111>

Source: <https://en.wikipedia.org/w/index.php?title=Europe&oldid=911111111>

Source: <https://en.wikipedia.org/w/index.php?title=Germany&oldid=911111111>

# FOSS-LÄND – Baden-Württemberg

Source: <https://en.wikipedia.org/wiki/Baden-W%C3%BCrttemberg>

WIKIPEDIA 25 years of the free encyclopedia

WIKIPEDIA 25 years of the free encyclopedia

## Baden-Württemberg

Contents hide

(Top)

- History
- Geography
- Climate
- Government
- Economy
- Education
- Transport
- Demographics
- See also
- Sources
- Notes
- References
- External links

From Wikipedia, the free encyclopedia

This article is about the German state. For the warship, see Baden-Württemberg-class frigate.

**Baden-Württemberg** (/*ba dən ˈvɜːtəm bɛrg/ BAH-dən VURT-əm-burg,<sup>[6]</sup> German: [ba ðɪn ˈvʊrtəm bœrk] ), commonly shortened to **BW** or **BaWü**, is a state (*Land*) in Southwest Germany, east of the river Rhine, which forms the southern part of Germany's western border with France. With more than 11.07 million inhabitants as of 2019 across a total area of nearly 35,752 km<sup>2</sup> (13,804 sq mi), it is the third-largest German state by both area (behind Bavaria and Lower Saxony) and population (behind North Rhine-Westphalia and Bavaria).<sup>[7]</sup> The largest city in Baden-Württemberg is the state capital of Stuttgart, followed by Mannheim and Karlsruhe. Other major cities are Freiburg im Breisgau, Heidelberg, Heilbronn, Konstanz, Pforzheim, Reutlingen, Tübingen, and Ulm.*

Modern Baden-Württemberg includes the historical territories of Baden, Prussian Hohenzollern, and Württemberg. Baden-Württemberg became a state of West Germany in April 1952 through the merger of South Baden, Württemberg-Baden, and Württemberg-Hohenzollern. These states had been created by the Allies as they separated traditional states into occupation zones after World War II.

Baden-Württemberg is especially known for its strong economy with various industries like car manufacturing, electrical engineering, mechanical engineering, the service sector, and more.<sup>[8][9][10]</sup> It has the third-highest gross regional product (GRP) in Germany. Part of the Four Motors for Europe and located in the Blue Banana, some of the largest German companies are headquartered in Baden-Württemberg, including Mercedes-Benz Group, Schwarz Group, Porsche, Bosch and SAP.

The sobriquet *Ländle*, a diminutive of the word *Land* in the local Swabian, Alemannic

Read Edit View history Tools

Coordinates: 48°32'16"N 9°22'8"E

158 languages

Baden-Württemberg

State

Flag

Coat of arms

Baden-Württemberg THE LÄND Brandmark

Location of Baden-Württemberg in Germany

311 languages

View source View history Tools

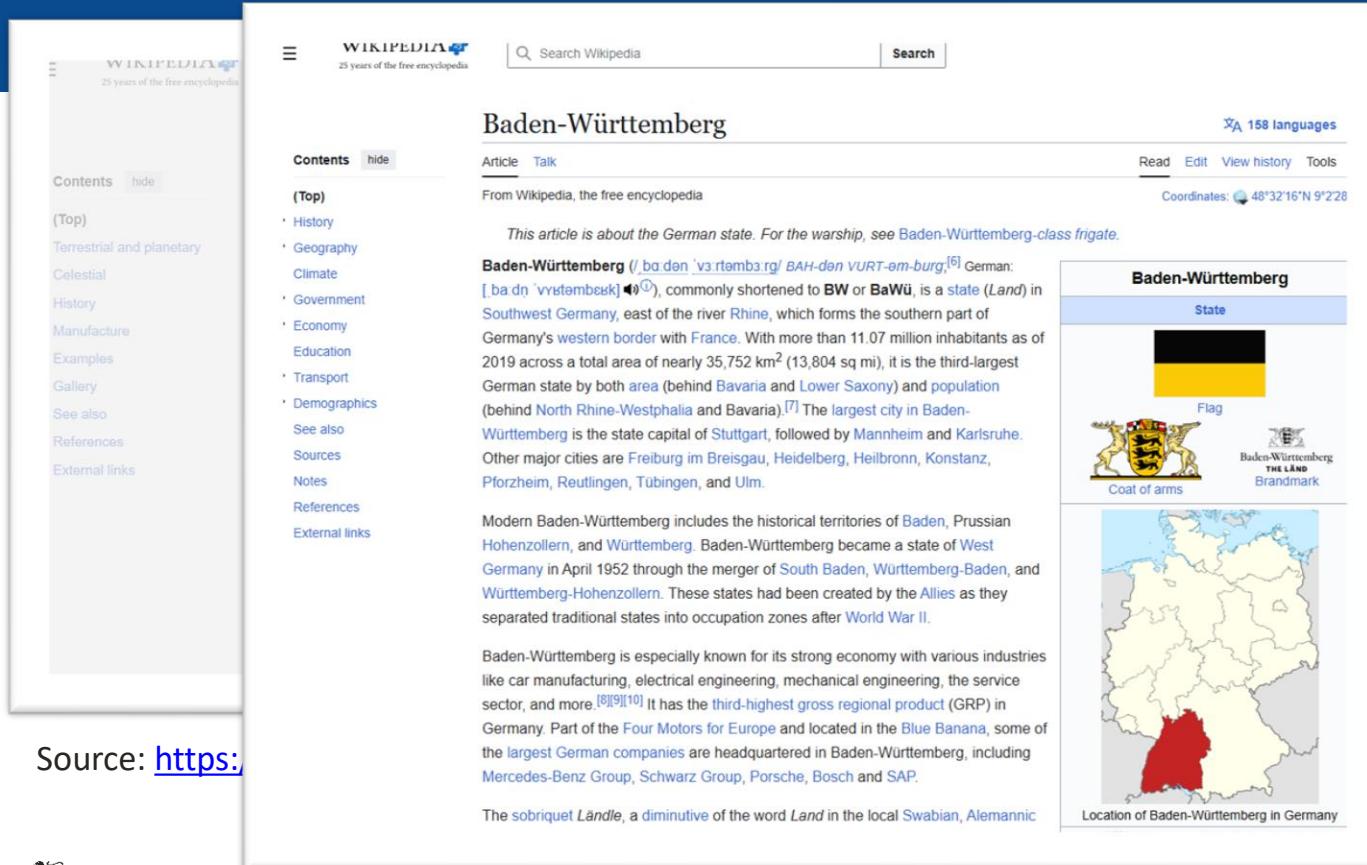
Coordinates: 51°N 9°E ★ 🔒

federal Republic of Germany Bundesrepublik Deutschland

Flag Coat of arms

anthem: "Das Lied der Deutschen"<sup>[a]</sup> The Song of the Germans

1:21





A screenshot of a comparison page between Baden-Württemberg and the Federal Republic of Germany. It shows a map of Germany with both states highlighted in red. To the left of the map, there is a section for Baden-Württemberg featuring its flag, coat of arms, and a map showing its location. To the right, there is a section for the Federal Republic of Germany featuring its flag, coat of arms, and a link to its anthem. The page also includes language statistics: 158 languages for Baden-Württemberg and 311 languages for the Federal Republic of Germany.

Germany

 Baden-Württemberg

automotive software collaboration bw  
The FOSS-LÄND Community

# FOSS-LÄND – Baden-Württemberg - Focus



Source: <https://www.thelaend.de/en/>

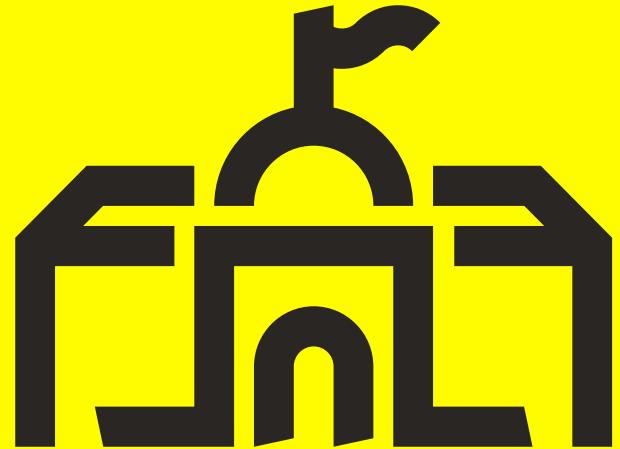


# SDA-Sprint-Mission: „Open Source Software development in the automotive sector – Securing location advantages through collaboration“

Information for starters

Free and Open Source Software (FOSS) in  
the automotive sector

2024



Baden-Württemberg

strategiedialog  
automobilwirtschaft BW



# A set of long-term measures is needed to involve SMEs in Baden-Württemberg

2024



## Challenges for SMEs in BW



SMEs often lack awareness of the topic of FOSS.



SMEs must be empowered to deal with FOSS in a (legally compliant) manner.



Many SMEs therefore do not use FOSS at all or only use it unconsciously/passively.



## Our FOSS Sprint-Mission

Industry-relevant entry-level knowledge of FOSS

Impulses for a contact point in Baden-Württemberg

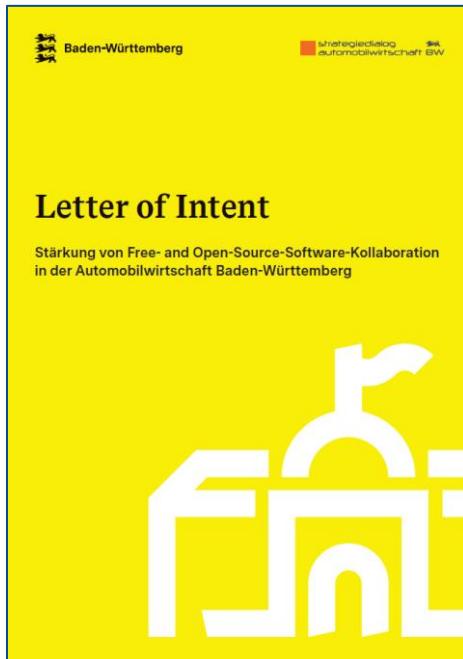
Further support and networking

Target group-orientated events for SMEs

# Open Source Collaboration? – Zoom-in

- Global
- UN OSPO  
193 countries
- OpenChain, TODO Group, OSPO++,...  
ISO/IEC 5230 & ISO/IEC 18974

# The joint Letter of intent (LoI\*) emphasises the shared ambition of all partners involved



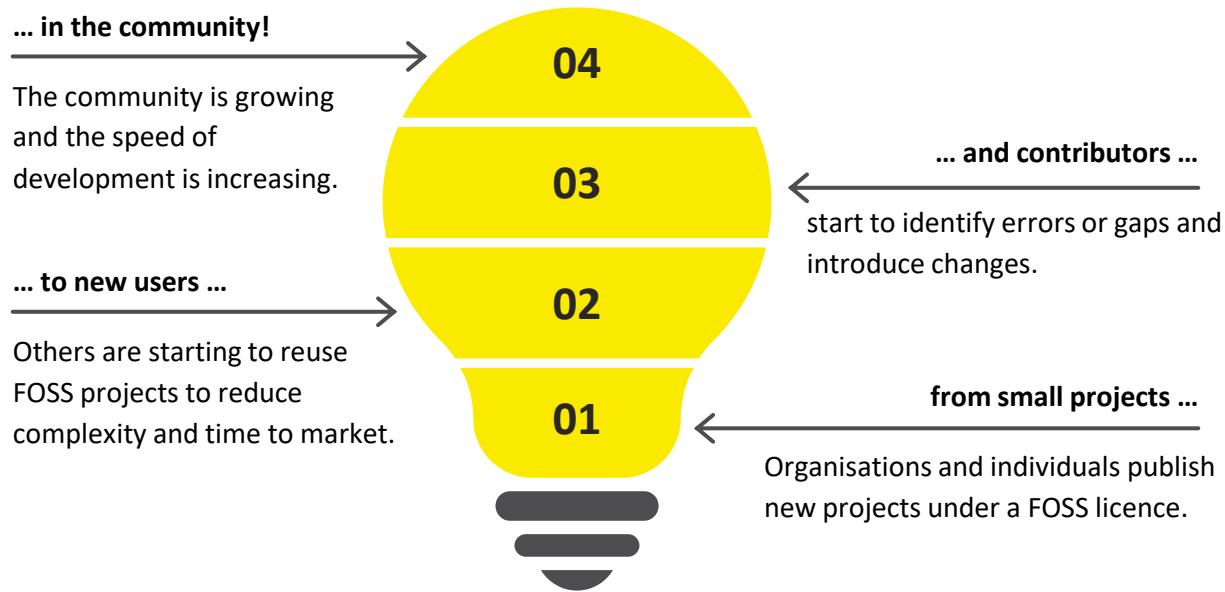
- ✓ **Sector-specific and longer-term commitment** to supporting companies in BW with a view to FOSS
- ✓ **Supporting** approaches to establishing an **office** at the **State agency e-mobil BW**
- ✓ **A common understanding** among many **partners**:



# Open Source Collaboration? – Zoom-in

- Global
    - UN OSPO  
193 countries
    - OpenChain, TODO Group, OSPO+,...  
ISO/IEC 5230 & ISO/IEC 18974
  - Europe  
24 languages
    - EC OSPO  
EU 27 countries
    - OFE, ORC WG, OpenChain Meridian22 ...
  - Germany  
16+ dialect groups
    - ???  
16 federal states
    - OSBA, Bitkom, (VDA)
  - Baden-Württemberg  
Automotive cluster
    - e-mobilBW
    - **The FOSS-LÄND Community**
- 350+ Global Player
- Core-Group
- 490 000 SMEs

# FOSS is the result of a global collaboration between technology leaders



# Proprietary and Free and Open Source Software in comparison

FOSS can be freely analysed, improved, used and distributed

## Proprietary Software

- Source code as a trade secret
- Restricted use and modification
- Conscious conclusion of a contract
- Usually subject to a fee
- Liability, warranty and support by rights holder

VS.

## Free and Open Source Software (FOSS)

- Source code publicly available on the internet
- Use and modification possible
- Licences can be used free of charge, but the licence conditions must be observed
- Liability and warranty excluded
- Increasingly important in the automotive industry

Examples iOS Zoom Microsoft 365

Examples Android Mozilla Firefox Linux

**More important than ever:**

FOSS makes up 70-90% of all modern software



**70%**

Transport incl.  
Automotive



**72%**

Business  
Software/SaaS



**82%**

Internet and  
Mobile Apps

# FOSS offers many opportunities with equally manageable risks

## Chances



- Complete transparency of the source code enables quality and safety checks
- Cost savings through utilisation of already developed/tested software
- High degree of independence, as not tied to a software provider
- Shorter development cycles (time to market) through the use of freely available source code
- High level of software maturity through continuous development, promotion of innovations and collaboration with technology leaders in developer communities

## Risks



- Financial and legal risks in the event of non-compliance with licence conditions<sup>1</sup>, such as fines or production and sales stops
- Security gaps can lead to data theft<sup>1</sup>
- Partially limited support
- FOSS projects can “fall asleep” or develop in an undesirable direction

Risks can be managed by **introducing processes** (e.g. a FOSS policy), suitable tools, collaboration with **The FOSS-LÄND Community** and other support.

# The FOSS-LÄND Community as „starting point“...

... for SMEs wanting to continue their involvement in the open source cosmos



# Together we can make it happen!



The FOSS-LÄND Community

- Development of a FOSS community in Baden-Württemberg
- Network of companies in the field of automotive value creation
- Active participation of all members and benefiting from the experience of the community
- Provision of knowledge and best practices, a series of events on specific topics including Q&A and targeted support services for dealing with FOSS

Further information and our calendar of events at:  
<https://www.foss.e-mobilbw.de>



**Automotive Software Collaboration BW**

Free and Open Source Software wird zur wettbewerbsfähigen Quelle für mobile Anwendungen. Die neue Automotive Software Collaboration BW: The FOSS-LÄND Community der e-mobil BW unterstützt Unternehmen in BW mit niedrigschwelligem Unterstützungsangeboten, sodass das Langfristig an OSS-Kollaborationen zu schließen ist. Der Fokus liegt auf dem Bereich Automobil, um die Wissens- und Kompetenzübertragung des Automobilsektors BW begünstigt zu erhalten.

Wenden Sie sich an die neue Free- und Open-Source-Software-Community (FOSS)!

Die Wertschöpfung in der Automobilindustrie verläuft zunehmend über Softwareanwendungen. Der Übergang zum softwaredefinierten Fahrzeug stellt die Industrie dabei vor große Herausforderungen. Um diese Herausforderungen zu meistern, müssen Fahrzeugsoftwaren massiv modernisiert werden. Diese Modernisierungen sind jedoch nicht leicht zu realisieren, da sie statisch implementiert und effizient verwaltet werden müssen. Free- und Open-Source-Softwareentwicklung (FOSS) ermöglicht es Automobilherstellern und Zulieferern, gemeinsam an Softwarelösungen zu arbeiten und somit die Entwicklung von Softwareanwendungen zu beschleunigen. Durch den Einsatz von Open-Source-Software können Entwicklungszyklen verkürzt, Kosten gesenkt und die Qualität erhöht werden. Ein weiterer Vorteil von FOSS ist die Möglichkeit, dass es eine Reihe von Open-Source-Projekten gibt, die die Qualität von jedem überprüft und verbessert werden kann. In einer sich schnell wandelnden Industrie, die aufgrund von Digitalisierung und Automatisierung kontinuierlich neue Herausforderungen aufweist, ist es entscheidend, dass Unternehmen in der Lage sind, sich auf diese zu konzentrieren und gleichzeitig die Vorteile von FOSS zu nutzen.

Gemeinsam mit Partnern aus der Wissenschaft und Wirtschaft verfolgt e-mobil BW den Aufbau einer Community unter dem Titel „The FOSS-LÄND Community“: Baden-württembergische Unternehmen unterstützen sich gegenseitig bei der Umsetzung von FOSS-Lösungen. Sie möchten zusammen lernen und unter Anleitung Prozesse und Standards für eine effiziente und nachhaltige Nutzung zu implementieren und so zu einem festen Bestandteil ihres Unternehmens zu machen.

**Die FOSS-LÄND Community**

Die FOSS-LÄND Community unterstützt Unternehmen und Projekte, die auf Free- und Open-Source basieren. Erstellen Sie jetzt die Meldung und benötigen Unterstützung.

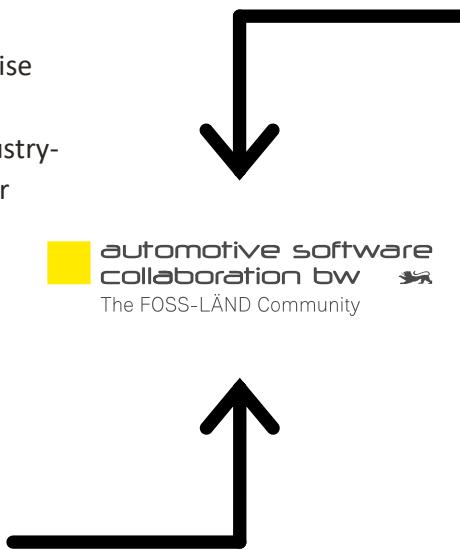
Wenden Sie sich an die FOSS-LÄND Community

Die haben Interesse? Stellen Sie hier eine Kontaktanfrage für einen persönlichen Austausch.

# The FOSS-LÄND Community creates synergies to realise the potential of FOSS

- Networking within the automotive industry to raise awareness of the topic of FOSS
- Active community management to promote industry-wide collaboration with the aim of fostering a fair exchange of knowledge
- Enabling participation in the relevant FOSS communities (e.g. Eclipse SDV)

## Networking and cooperation



## Knowledge sharing and empowerment

- Utilisation and further development of open and uniform standards for FOSS in the automotive industry
- Best practices for tools and methods (e.g. OSS review toolkit) with the aim of strengthening FOSS compliance across the industry
- Documentation and tutorials on industry-relevant issues relating to FOSS

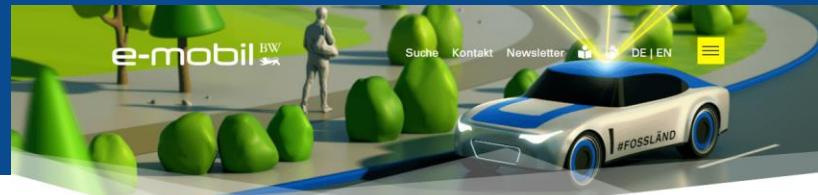
# The state agency e-mobil BW is creating an offer for SMEs in Baden-Württemberg



# Who are we?

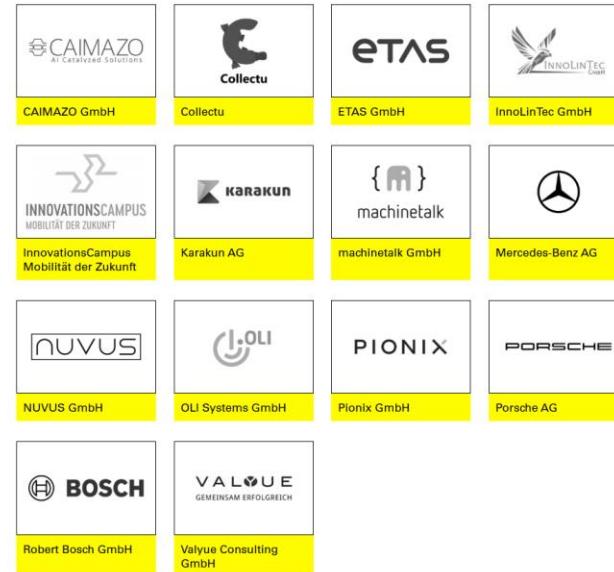
We are the FOSS-LÄND Community

- A young, growing initiative launched by the Automotive Software Collaboration BW at e-mobil BW
- Neutral, trusted facilitator between industry, academia, and public sector
- Focused on enabling SMEs to engage with FOSS and open standards
- Building low-barrier access to knowledge, experts, and communities



Startseite > Netzwerke > Automotive Software Collaboration BW > FOSS-LÄND Community

## Die FOSS-LÄND Community



# GitHub: the-foss-laend

Automotive Software Collaboration BW - The FOSS-LÄND Community

https://github.com/the-foss-laend

the-foss-laend

Overview Repositories 2 Projects Packages People

Single sign-on to see results in the BoschGlobal, Software Defined Vehicle, and Open Source Compliance as a Service, and 1 more organizations

## Automotive Software Collaboration BW - The FOSS-LÄND Community

Community network for FOSS in mobility and automotive – initiated by e-mobil BW GmbH in Baden-Württemberg.

4 followers <https://www.foss.e-mobilbw.de> <https://www.linkedin.com/company/e...> [foss@e-mobilbw.de](mailto:foss@e-mobilbw.de)

README.md

## Automotive Software Collaboration BW – die FOSS-LÄND Community

Willkommen im GitHub-Repository der FOSS-LÄND Community! Wir haben uns zum Ziel gesetzt, die

People

This organization has members. You must see who's a part of

Report abuse



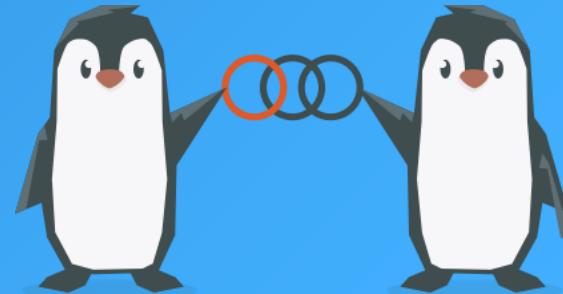


# *OpenChain and Friends*



Supply Chain (Chances and) Risk Management

24.3.2026 to 26.3.2026 in Stuttgart (in person only)



A close-up photograph of two people in business attire shaking hands. They are wearing dark blue jackets over white shirts. The background is blurred, suggesting an indoor office or conference setting.

**Similar ideas for your region or cluster?**

**Please reach out for collaboration!**

# Thank you for your attention!

[www.foss.e-mobilbw.de](http://www.foss.e-mobilbw.de)

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Bosch, Marcel Kurzmann, e-mobil BW, Johannes Demer

29.01.2026



 automotive software  
collaboration bw   
The FOSS-LÄND Community

# Together we can make it happen!

automotive software  
collaboration bw   
The FOSS-LÄND Community



Cooperations?

Informations?



Questions?



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