

FOSS LÄND: Tackling Automotive Compliance Challenges Through Collaboration



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



Johannes Demer
Referent FOSS
e mobil BW GmbH




Marcel Kurzmann
OpenChain board-member an...

Coordinated by:

e-mobil 

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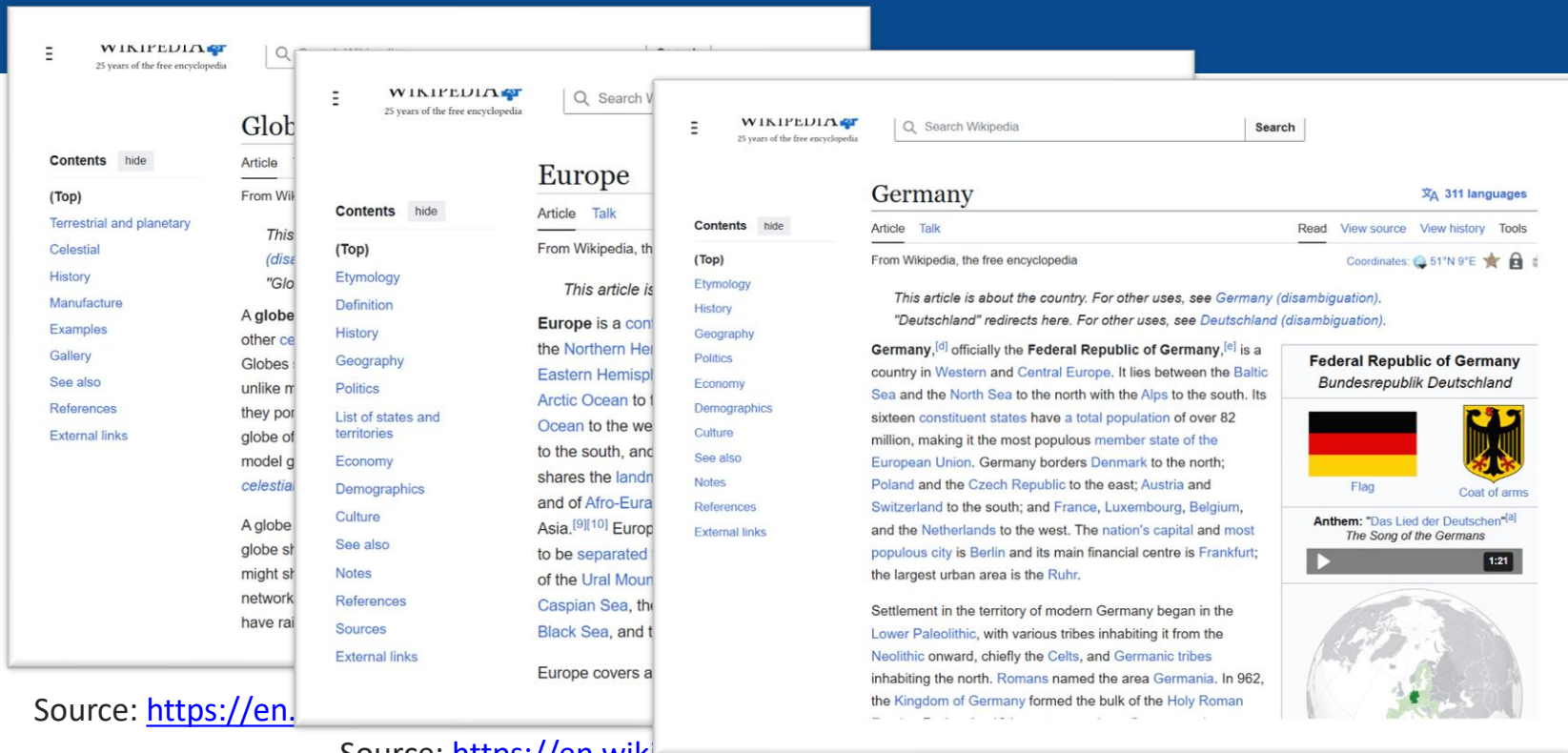
 Baden-Württemberg

 strategic dialogue 
automotive sector BW



automotive software
collaboration bw 
The FOSS-LÄND Community

FOSS-LÄND – Baden-Württemberg – Zoom-In



Source: <https://en.wikipedia.org/wiki/Globe>

Source: <https://en.wikipedia.org/wiki/Europe>

Source: <https://en.wikipedia.org/wiki/Germany>



Baden-Württemberg

FOSS-LÄND – Baden-Württemberg

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Baden-Württemberg

158 languages

Article Talk

From Wikipedia, the free encyclopedia

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

Baden-Württemberg (/ˈbɑːdən ˈvɜːrtəmbɜːrɡ/ *BAH-dən VURT-əm-burg*;^[6] German: [ˈba dən ˈvʏrtəmbɛʁk] ⓘ), 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 km² (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).^[7] 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.^{[8][9][10]} 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

Baden-Württemberg

State

Flag

Coat of arms

Baden-Württemberg THE LAND Brandmark

Location of Baden-Württemberg in Germany

Source: <https://en.wikipedia.org/wiki/Baden-Württemberg>



Baden-Württemberg

Source: <https://en.wikipedia.org/wiki/Baden-Württemberg>

[Germany](#)

FOSS-LÄND – Baden-Württemberg - Focus



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

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

2024

Information for starters

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



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

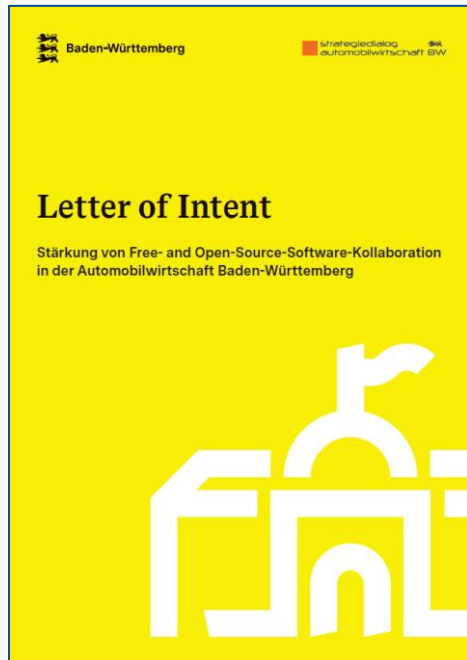


Open Source Collaboration? – Zoom-in

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



The joint Letter of intent (Lol*) 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**:



BOSCH



Baden-Württembergischer
Industrie- und Handelskammertag



Baden-Württemberg



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

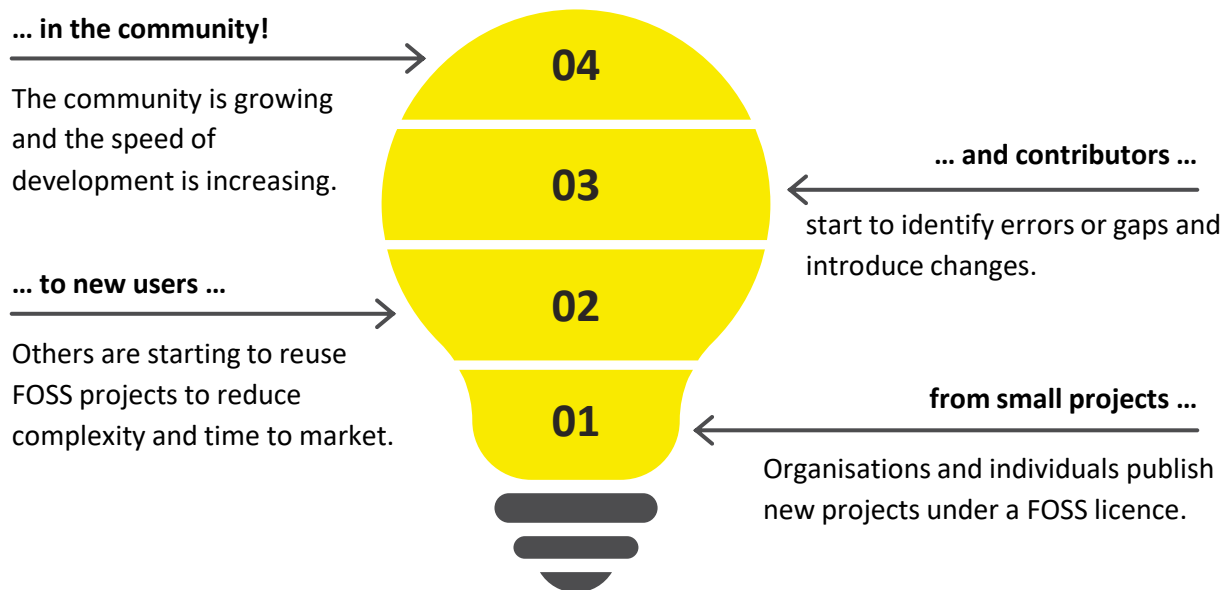


Baden-Württemberg

Tablet Bild: © Can Yesil/AdobeStock

automotive software
collaboration bw
The FOSS-LÄND Community

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

Examples iOS Zoom Microsoft 365

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 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








Baden-Württemberg

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 conditions¹, such as fines or production and sales stops
-  Security gaps can lead to data theft¹
-  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



Baden-Württemberg

Planet Icons: <https://pixabay.com/de/illustrations/solaranlage-das-universum-4947216/> - Pixabay Lizenz, <https://pixabay.com/de/service/license/>
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automotive software
collaboration bw
The FOSS-LÄND Community

Together we can make it happen!



- 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>



Baden-Württemberg

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

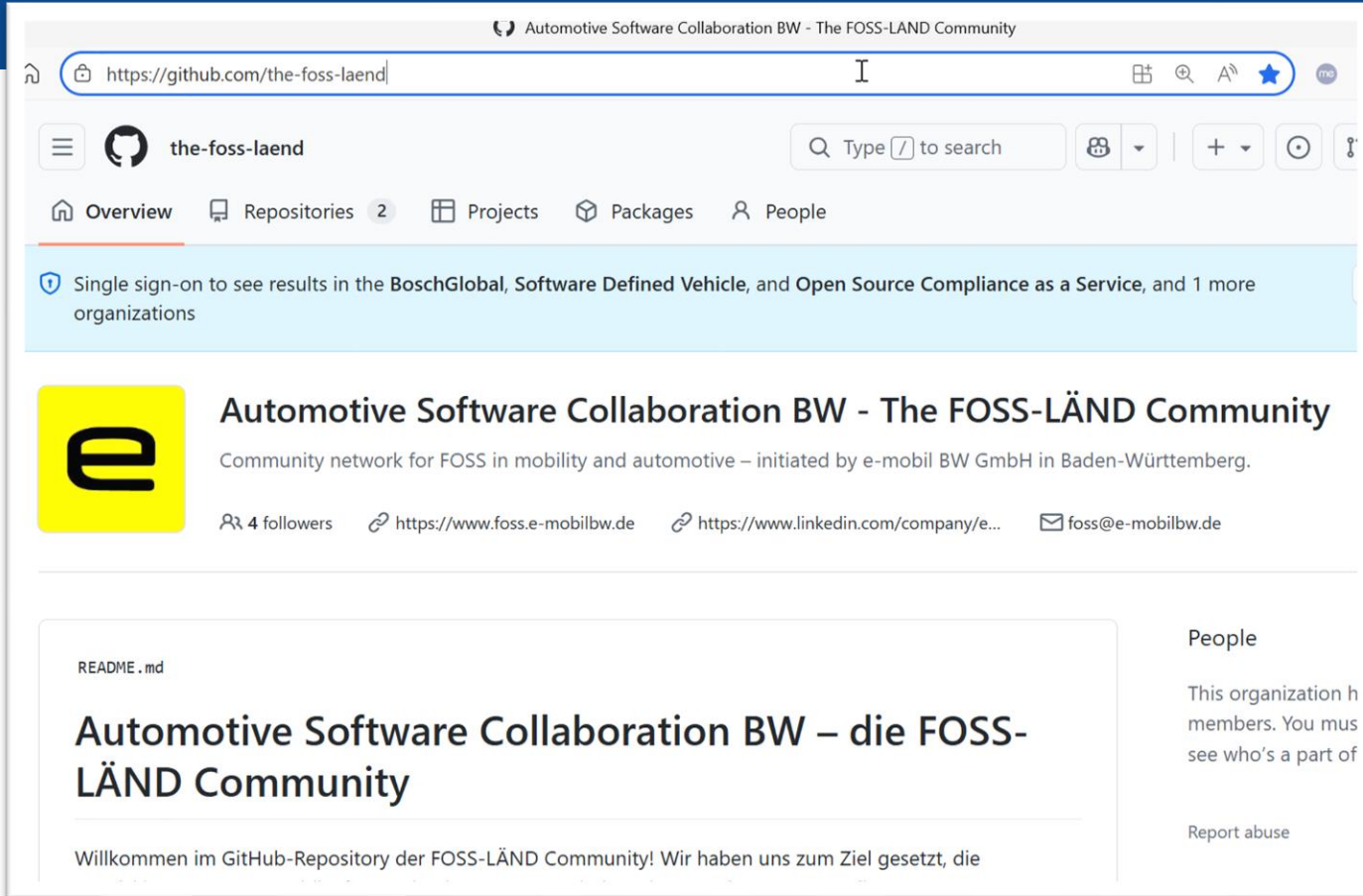


Startseite > Netzwerke > Automotive Software Collaboration BW > FOSS-LÄND Community

Die FOSS-LÄND Community

 CAIMAZO GmbH	 Collectu	 ETAS GmbH	 InnoLinTec GmbH
 InnovationsCampus Mobilität der Zukunft	 Karakun AG	 machinetalk GmbH	 Mercedes-Benz AG
 NUVUS GmbH	 OLI Systems GmbH	 Pionix GmbH	 Porsche AG
 Robert Bosch GmbH	 Valyue Consulting GmbH		

GitHub: the-foss-laend



The screenshot shows the GitHub interface for the repository 'the-foss-laend'. The browser address bar displays 'https://github.com/the-foss-laend'. The repository name 'the-foss-laend' is shown in the header. Below the header, there are navigation tabs: Overview, Repositories (2), Projects, Packages, and People. A light blue banner contains a message about single sign-on. The repository's profile picture is a yellow square with a black 'e'. The repository name 'Automotive Software Collaboration BW - The FOSS-LÄND Community' is displayed, followed by a description: 'Community network for FOSS in mobility and automotive – initiated by e-mobil BW GmbH in Baden-Württemberg.' Below this, there are links for followers (4), website (https://www.foss.e-mobilbw.de), LinkedIn (https://www.linkedin.com/company/e...), and email (foss@e-mobilbw.de). The main content area shows a file named 'README.md' with the title 'Automotive Software Collaboration BW – die FOSS-LÄND Community'. The text below the title reads: 'Willkommen im GitHub-Repository der FOSS-LÄND Community! Wir haben uns zum Ziel gesetzt, die'. On the right side, there is a 'People' section with the text: 'This organization has members. You must see who's a part of' and a 'Report abuse' link.

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

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





Our goal: To unleash the potential of free and open source software development together

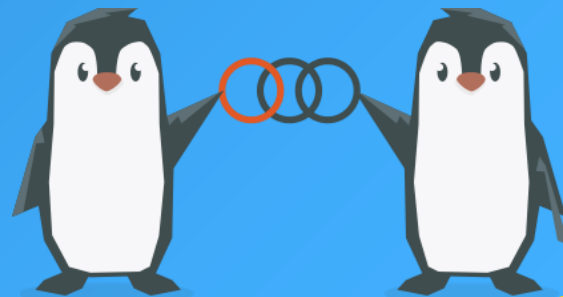


OpenChain and Friends



Supply Chain (Chances and) Risk Management

24.3.2026 to 26.3.2026 in Stuttgart (in person only)



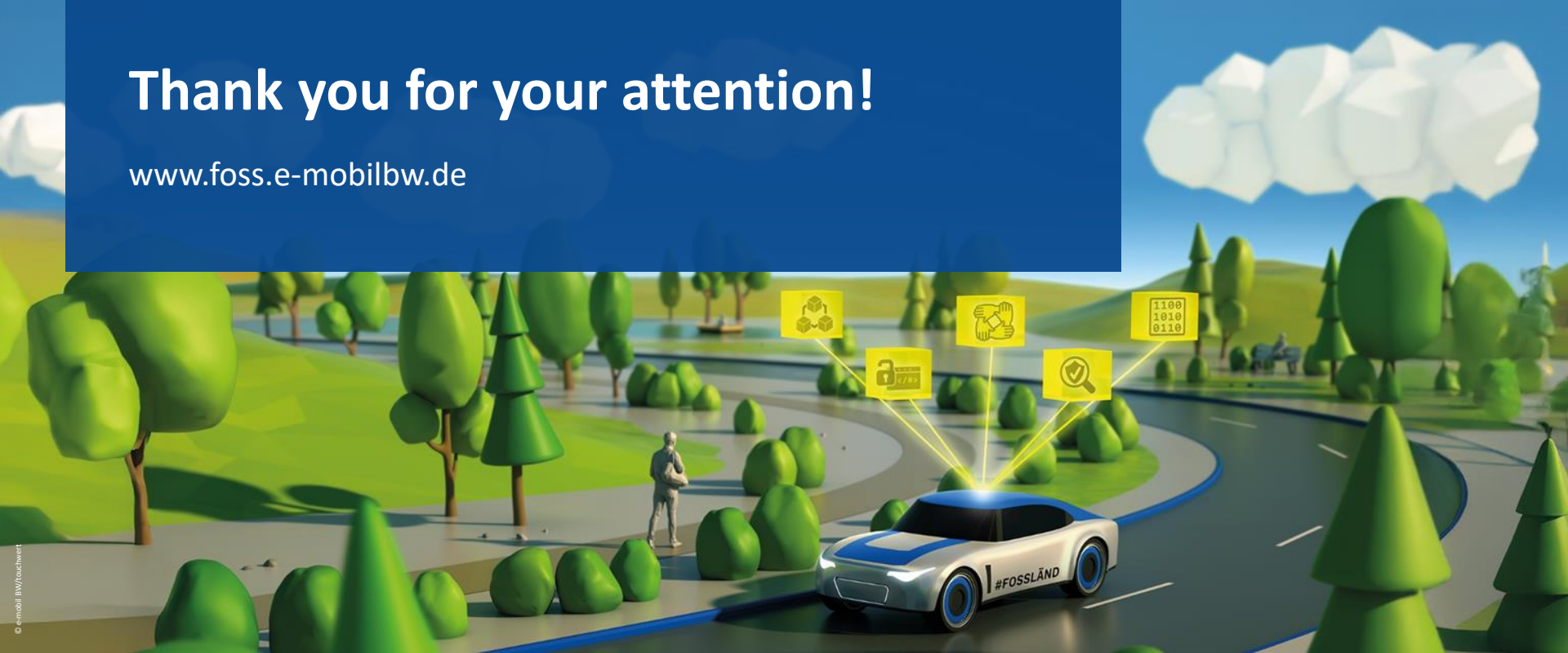
A close-up photograph of two hands shaking in a firm grip. The hands are wearing dark blue business suits with white shirts and light blue cuffs. The background is a blurred office setting with windows. The text is overlaid in white, bold font.

Similar ideas for your region or cluster?

Please reach out for collaboration!

Thank you for your attention!

www.foss.e-mobilbw.de



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

29.01.2026



Baden-Württemberg



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The FOSS-LÄND Community

Together we can make it happen!

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Cooperations?

Informations?



Questions?



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