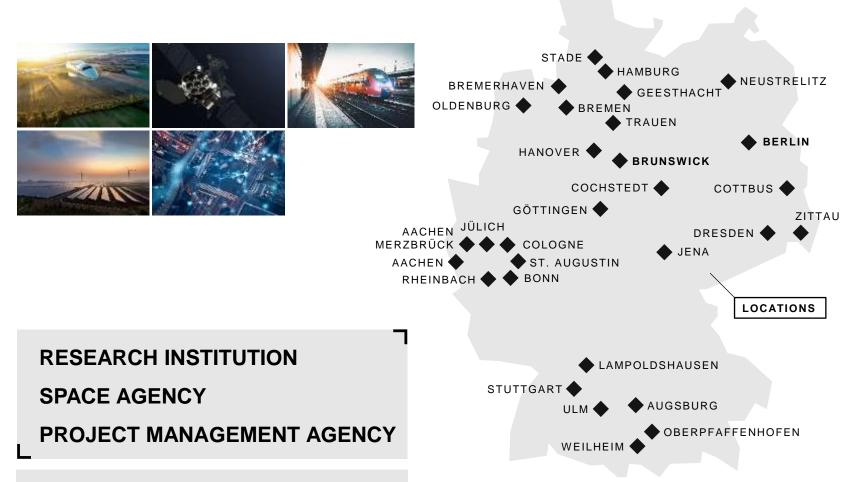


#### The German Aerospace Center (DLR) e.V.





Member of the Helmholtz-Association



#### RESEARCH FIELDS

Aeronautics Transport
Space Security
Energy Digitalisation



## FACTS AND FIGURES

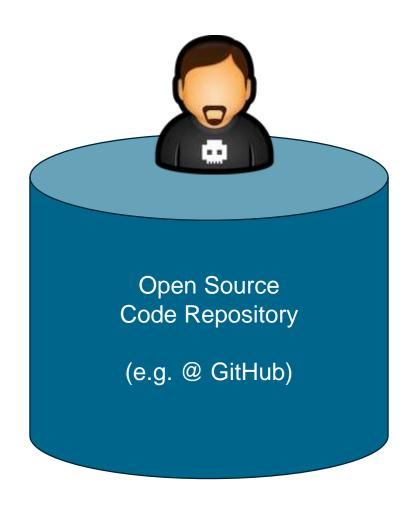
About 10.000 employees

55 institutes/facilities at 30 locations

Offices in Brussels, Paris, Tokyo and Washington

## **Starting Point**







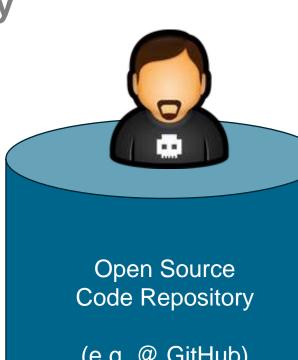


#### **Growing the Community**





- New features?
- Support, coaching and consulting?
- Funding?
- Contributions from users?
- Trust?
- Sustainable?

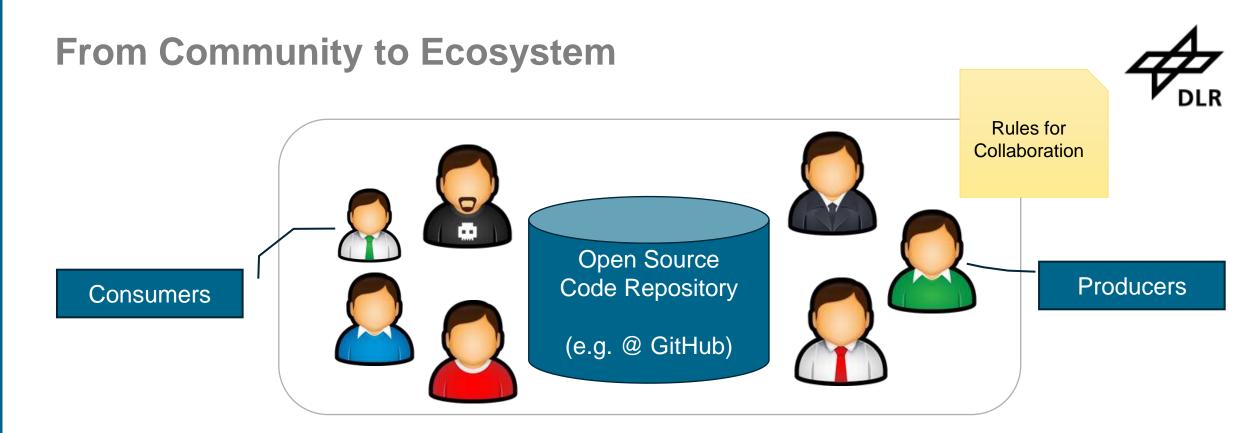


(e.g. @ GitHub)



- License management?
- Quality assurance?
- Legal issues: Cyber Resiliency Act
- Long term vision and availability?
- Trust?





#### **Community:**

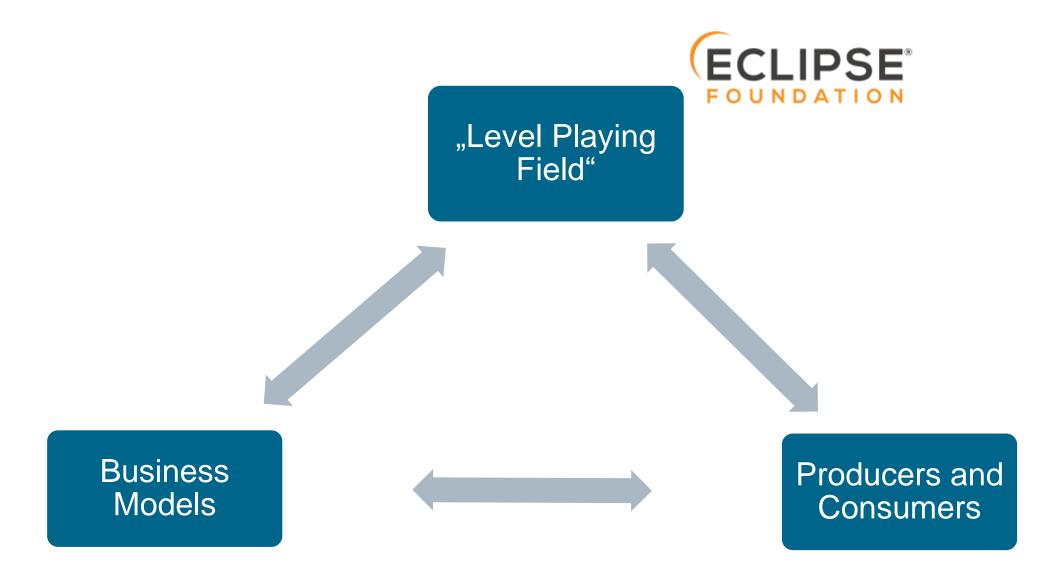
- A group of people connected by a shared interest, goal, or practice.
- Focus: exchange, belonging, support, and identity

#### **Ecosystem:**

- A network of actors (producers, consumers, intermediaries) in mutual interdependence.
- Focus: creation and exchange of value, not just belonging

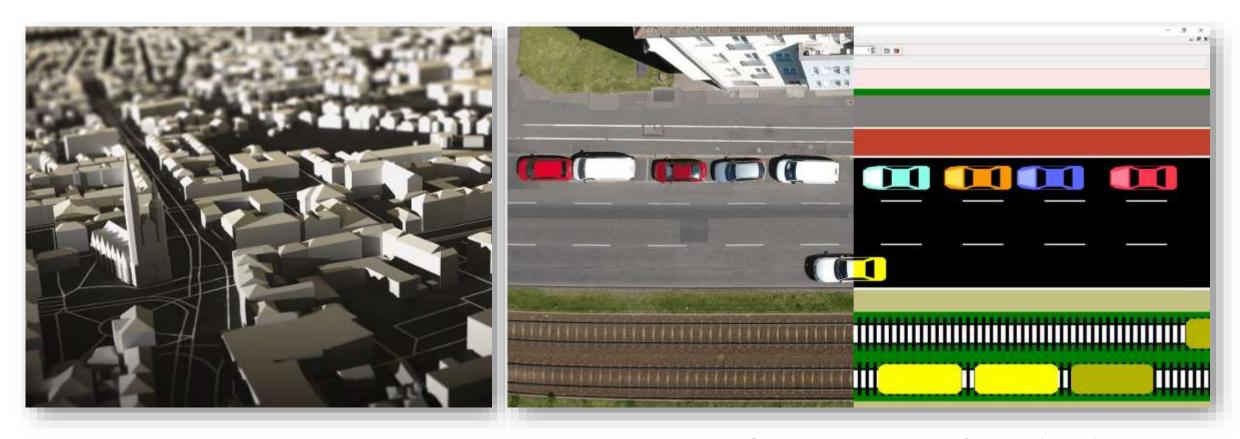
## Cornerstones of a Sustainable Ecosystem Development



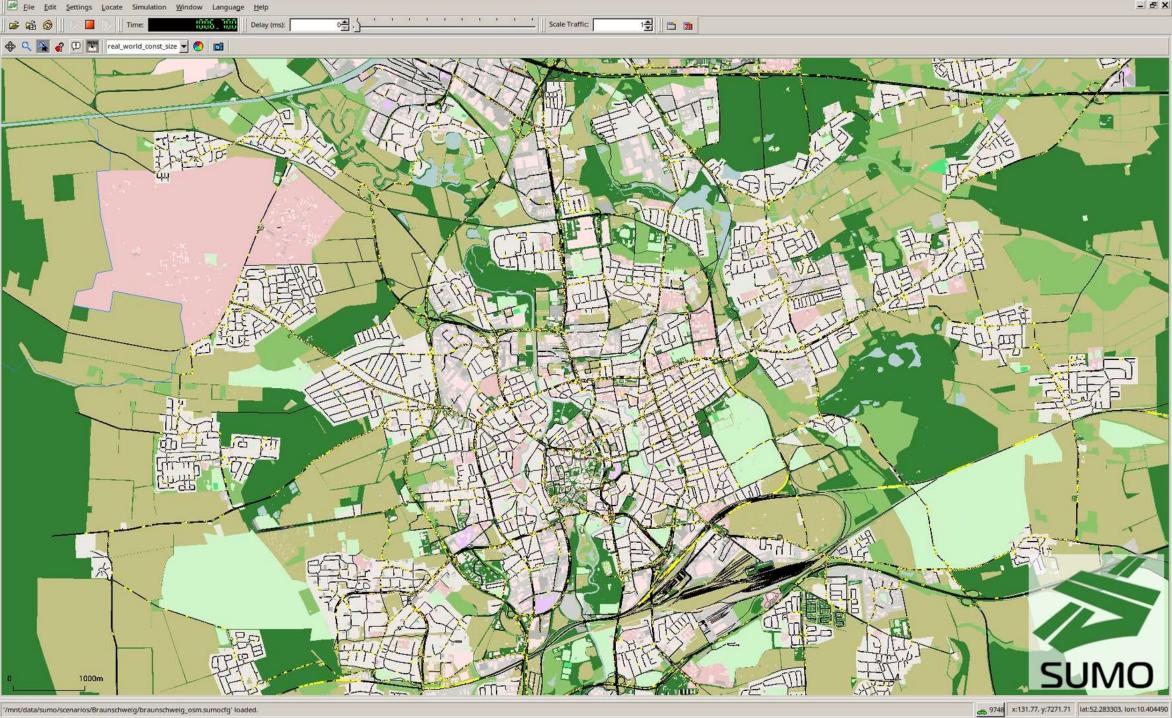


#### Our Experiences with SUMO





... the most popular open source software project of the German Aerospace Center (DLR) <a href="https://sumo.dlr.de">https://sumo.dlr.de</a>



#### **History**





SUMO



2001

SourceForge SVN GPL License

**GPL License** 

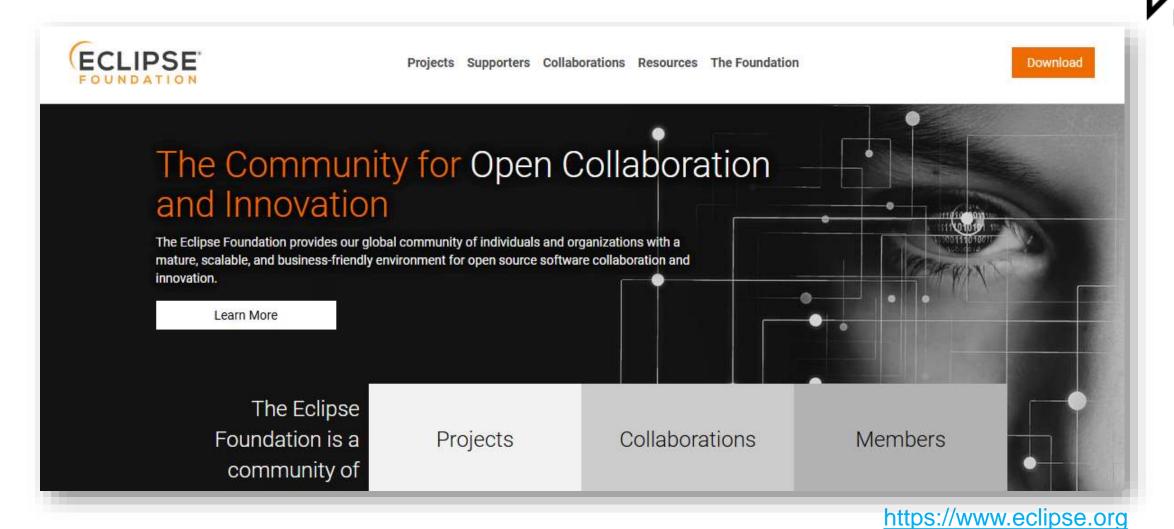




"SUMO is **owned** by DLR"

"DLR is a **contributor** to SUMO"

#### **Eclipse Foundation**



- **European** infrastructure and governance for an open and sustainable ecosystem development
- Trustworthy, sustainable and industry-friendly "level playing field"

#### **Projects and Working Groups**

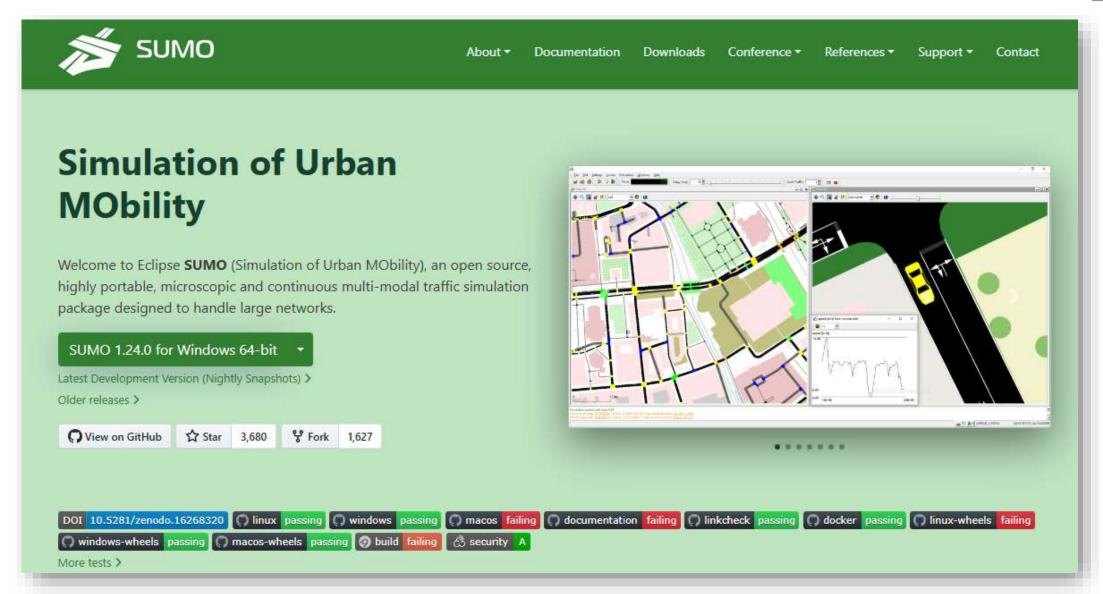




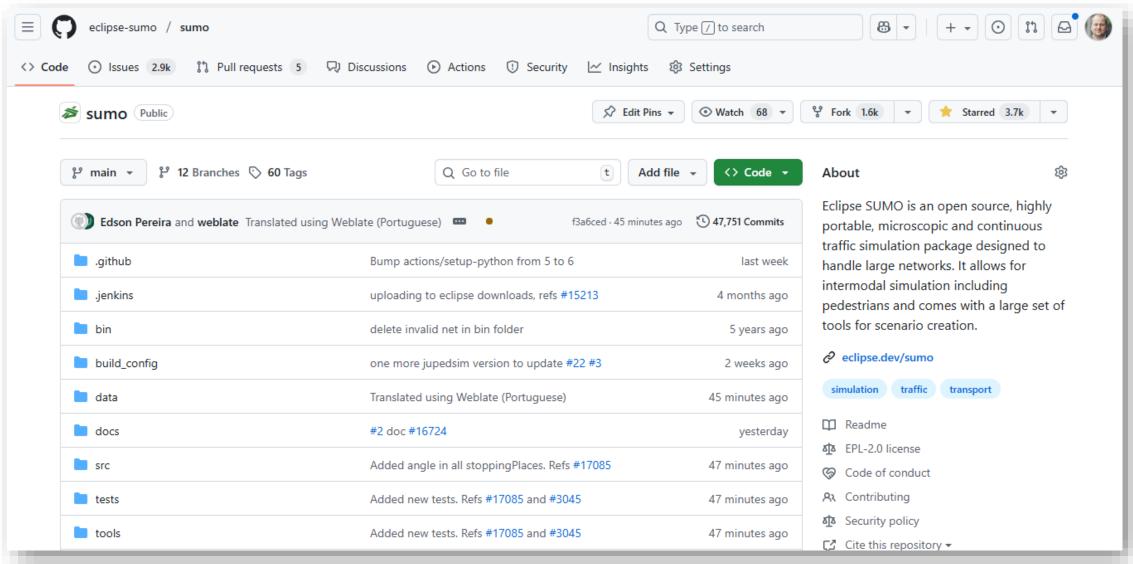
**Eclipse Projects** 

**Eclipse Working Groups** 

## SUMO – An Open Source Eclipse Project



#### ... with a GitHub Repository



https://github.com/eclipse-sumo/sumo

#### **Projects and Working Groups**



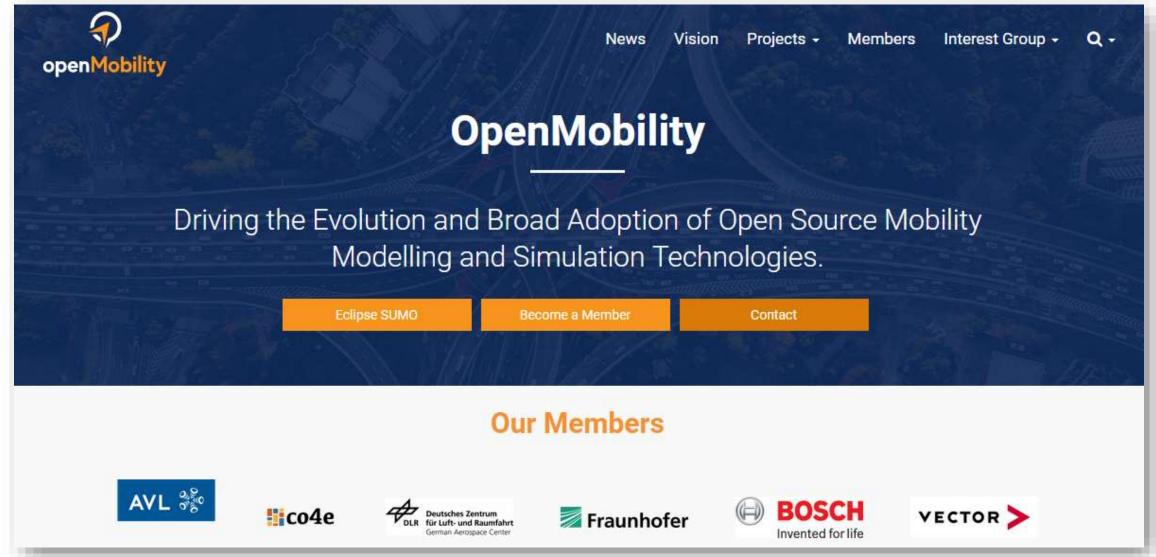


**Eclipse Projects** 

**Eclipse Working Groups** 

#### openMobility Interest Group







# Q & A

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