openMobility Working Group

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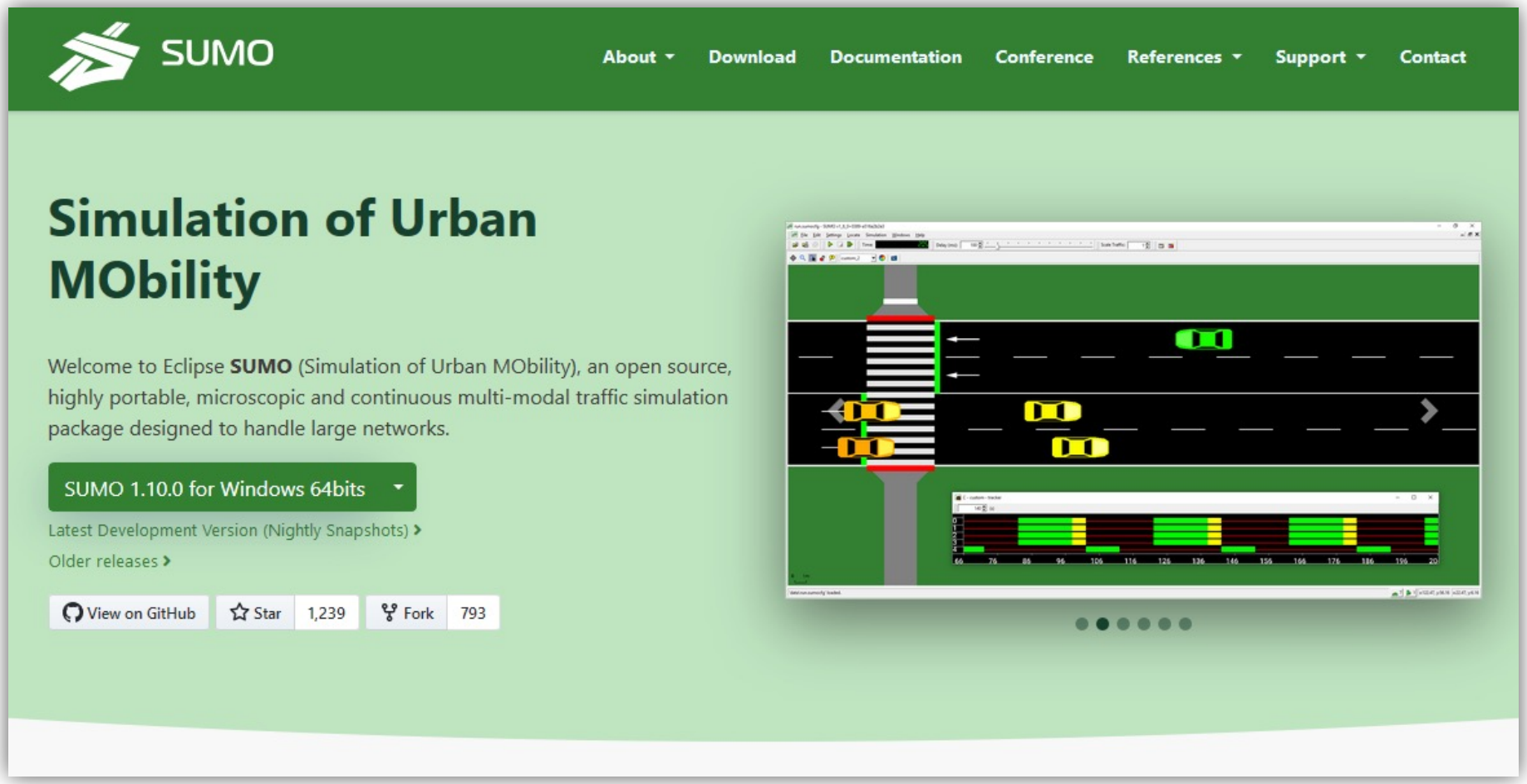
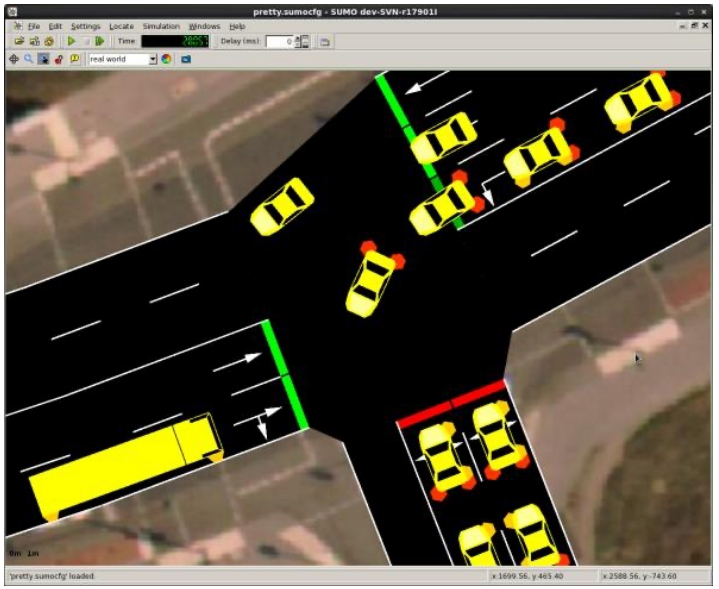
Eclipse SUMO Project



http://eclipse.org/sumo

SUMO – What is it?

- DLR's open source microscopic transportation system simulation software
- Under development since 2001, with the explicit goal to simulate even large cities / areas in more than real-time
- SUMO comes with a full-fledged suite of helper programs that do setting up, running, and controlling such a simulation



2D version

SUMO – what can be run?

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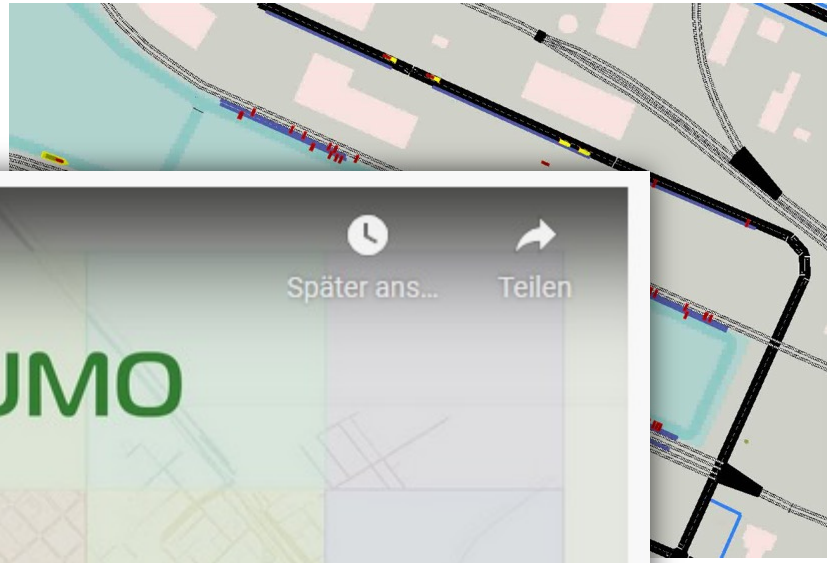

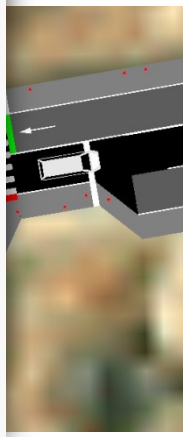

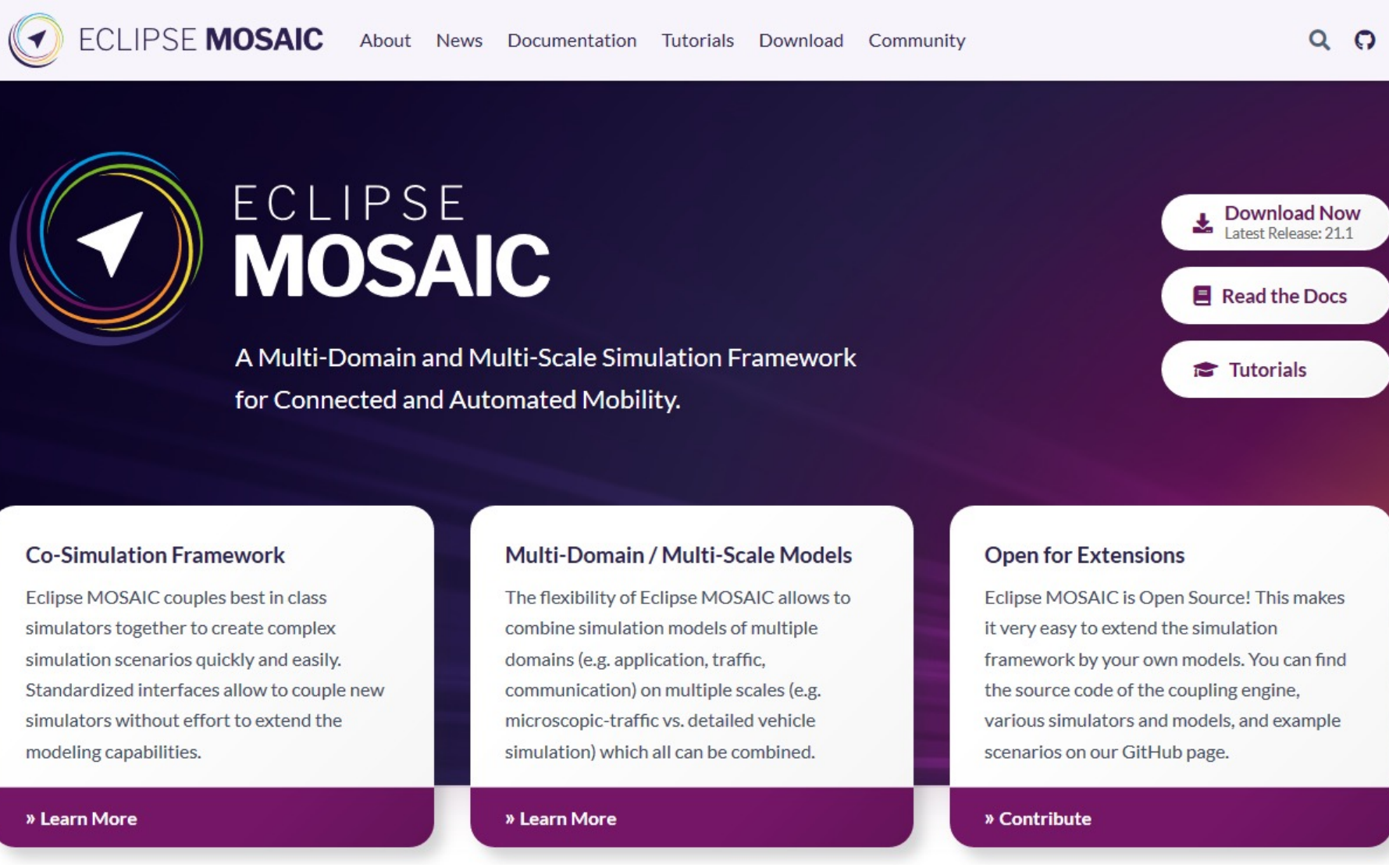

https://www.eclipse.org/mosaic/

DLR

openMobility Working Group

openMobility

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ECLIPSE FOUNDATION

Eclipse SUMO

Eclipse MOSAIC

ECLIPSE INCUBATION

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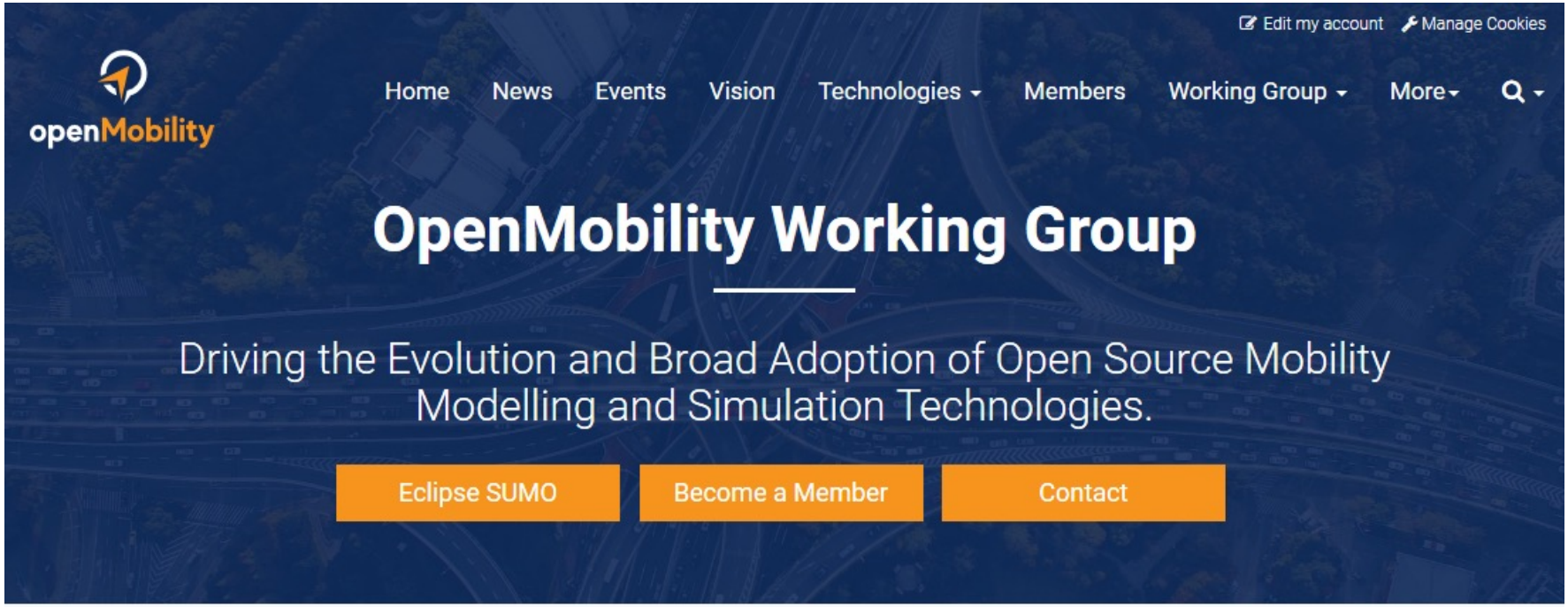
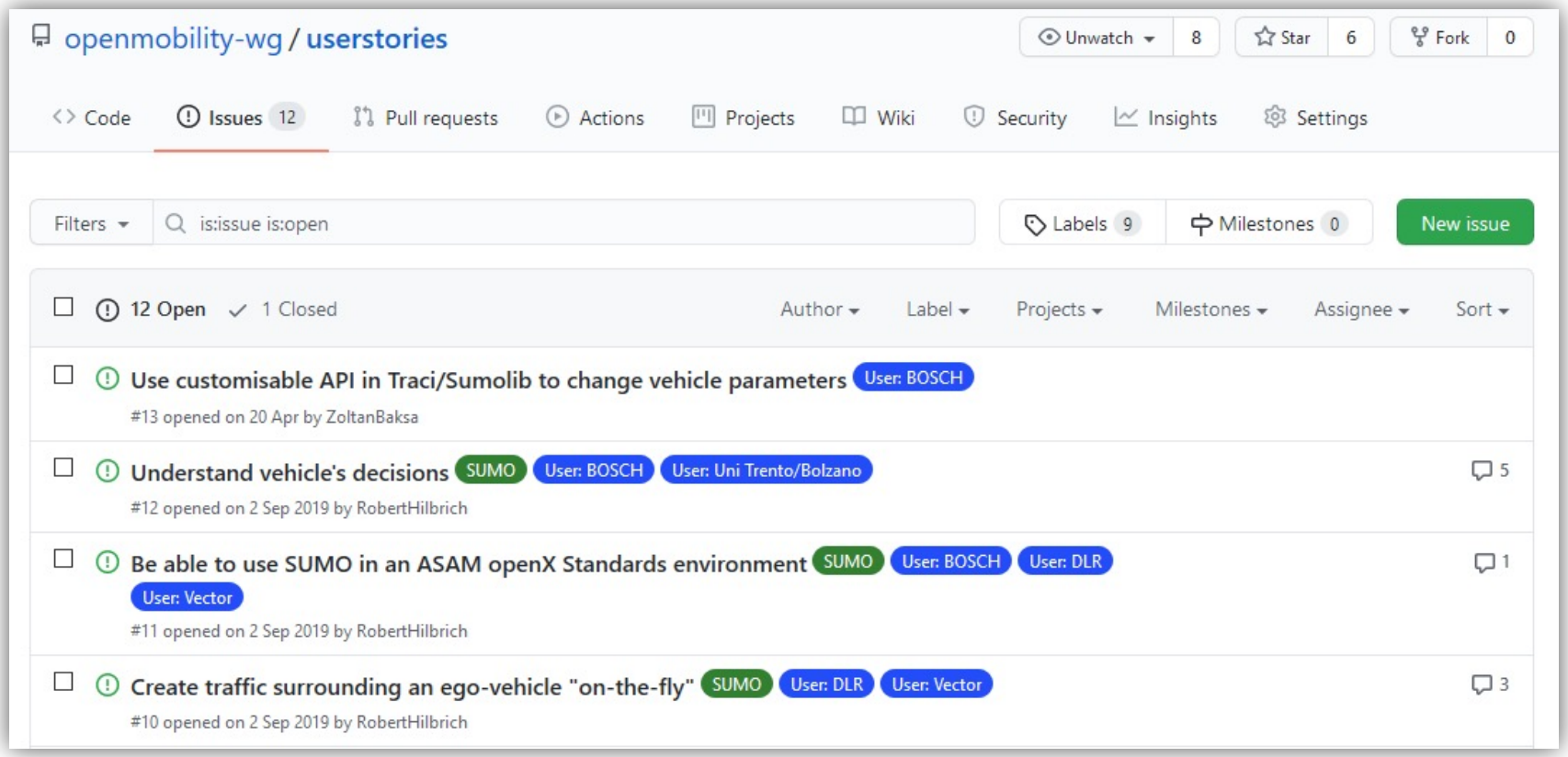


https://openMobility.eclipse.org

Joining the openMobility working group - Why? (1)



Joining the openMobility working group - Why? (2)

- Community gathering and networking events (every 6 weeks)

- Get in touch with the developers of Eclipse SUMO & Eclipse MOSAIC
  - Upcoming releases, new features, API changes, …

- „Deep dive“ workshops (every 3 months)
  - „The future of co-simulation APIs“
  - „The future of user interface libraries for simulation tools“
  - „Getting your hands on mobility data (= traffic demand)“
    - → ongoing joint effort towards a whitepaper

  - Upcoming: „Simulation of shared space and pedestrian dynamics“

- Joint preparation of an EU research project proposal

How to get in contact with openMobility?

Welcome, rhilbrich

ECLIPSE FOUNDATION

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Mailing list: openMobility (55 subscribers)

openMobility Working Group

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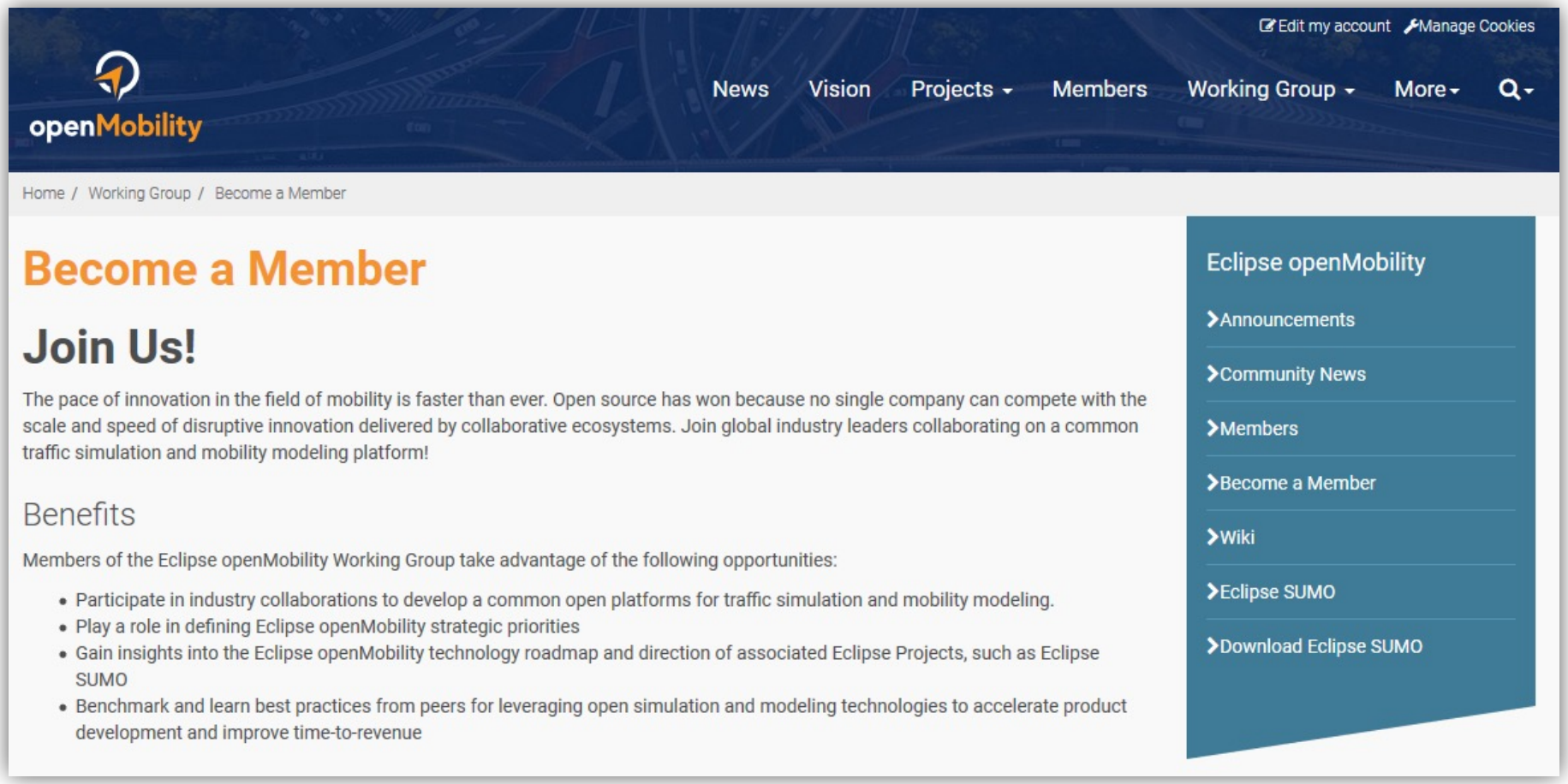
https://accounts.eclipse.org/mailing-list/openMobility



https://openmobility.eclipse.org/working-group/become-a-member/

Q & A

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@EclipseSUMO
@open_mobility