

Students For Future Mobility

SFFM - A Podcar City Program



PODCAR CITY
Mobility For All

Students For Future Mobility (SFFM) is a global program that provides a platform for students to address real-world public mobility and transportation challenges. The program encourages participants to showcase their innovative skills, creativity, and knowledge while engaging with peers and experts in the field.

The program offers students the opportunity to design their own vision for urban mobility using advanced software and planning techniques. The goal is to create solutions that are substantially better in all aspects—including energy, materials, economy, capacity, safety, personal mobility, architecture, and more.

SFFM will run annually from 2026 to 2030, supported by international agencies and institutions. Awards and prizes will be presented in the first half of each year with at least 10 teams participating annually; however we expect about 3 teams for the first year of 2026.

Each competition category offers three levels of prizes: Professional, Undergraduate, and Master's. Winners are selected by judges based on their experience, expertise, and discretionary criteria. All cash prizes are awarded after taxes, if applicable. The rules and application form are available at www.podcarcity.org and at the end of this document.



February 2026 PCC Meeting – The Challenge

For the September planned 2026 Podcar City Conference (PCC), students and young people are invited to propose ideas aligned with the PCC development and research framework. The PCC technical board will review submissions by February 1, 2026, and financial aid will be offered to up to three selected ideas. As of September 2025, the total support fund is \$5,000 to be shared between the winners.

For latest on SFFM, updates see www.podcarcity.org or <https://podcarcity.org/contact-us/>

Note: Always read the criteria to be eligible for the SFFM program. See end of this document. We support the student teams mentoring and support on:

Support and Mentorship

SFFM provides comprehensive support and mentorship to student teams in the following areas:

- **Urban Design, Engineering, and Development:** Training areas are selected collaboratively with student teams and cities, focusing on transit hubs, stations, or other key locations for visualization and application.

- **Simulation Software:** Students have access to professional simulation technologies such as SUMO and Podaris, enabling them to model innovative solutions based on urban ridership data and transportation modes.

- **4D Modeling:** Selected teams receive 4D models to facilitate visual dialogue and inspire innovation. These models support creative simulations and stakeholder outreach.

- **Expert Guidance:** Students benefit from mentorship by experienced professionals in architecture, urban planning, mobility, energy (including solar), and related fields. Business community experts also provide guidance to ensure each team's success.



Project Delivery and Stakeholder Engagement

All student work is reviewed to ensure quality before presentation to city officials and local stakeholders. SFFM mentors assist with final presentations, leveraging their experience in urban development, infrastructure, and public policy.

Previous Teams and Success Stories

Since 2017, teams from various universities and regions have participated in the program, receiving mentorship and guidance from Podcar City team members. Notable projects include studies conducted by Southern Illinois University (for Ithaca, NY), Perth Harbor (by Ms. Arnafara Najnin), and San Jose State University.

Funding and Sponsorship

SFFM offers special funding for teams and assists in securing sponsorship for necessary materials. Support is available for projects in urban planning, engineering, social impact, and development.

How to Participate

To join the program, students must form teams of 2–4 members and submit their proposals according to the guidelines provided on the Podcar City website. Selected teams will receive mentorship, access to simulation tools, and opportunities to present their work to stakeholders.

The long-term benefit to Students, Academia, Industry and Communities

We provide real projects with real benefits for all stakeholders. In the past we have seen several of the projects turn into employment opportunities and even new business cases. The SFFM support team is always behind the students to support them after the program is completed.



For Industry and communities - various ideas can be tested and reviewed, challenges can be spread out to many teams for different approaches, new coming employment opportunities open up.

SPONSORS AND MENTORS

A major part of the Students for Future Mobility are the Podcar City Members and the sponsors. A few of all the people below that have been involved in previous student projects:

Ron Swenson, International Institute of Transportation, USA

Prof. Dr. Burford Furman, San Jose State University, USA

Peter Muller, PRT Consulting USA

Christer Lindstrom, 4Dialog Sweden

Kjell Dahlstrom, Former Secretary Green Party Sweden, Director of SIKa

Magnus Hunhammar, ISTCAB Sweden

Marcus Svensson, CEO Byggesta Sweden

Prof. Dr. Steven Jones, Alabama Transportation Institute, USA

Prof. Dr. Alain Kornhauser, Princeton University, USA

Gerald McDowell, Executive Director AACIDS Atlanta

Douglas Kamoga, CEO Kamla Mwam Kampala

Jennifer Rodrigo, Journalist Malaysia

Rosdayana Rosti, Mageagle Studios, Malaysia

*1 Podcar City Program (PCC)

The Podcar City, is a membership organization, creating an industry program for encouraging creation of Intellectual property and real world implementations for innovative transportation mobility technology. The work is done in collaboration with academics, innovators, policy makers and students. The PCC is based on previous work done in Sweden and USA since 2007. The focus is to propagate knowledge to a broader audience and make a basis for a public mass transportation system using minimal earth resources and renewable energy in a context of workforce creation and skill - In short Mobility for all.

The main output of the PCC are real world implementations of profitable mobility systems coupled with innovations containing high value of Intellectual property. The existing technology member sponsors have the option of profiting from the development work by any student team and their findings. The PCC collaborates with member communities in order to support local implementations for pilot projects and developing large scale shared mass transit implementations including funding mechanisms.

RULES FOR PARTICIPATION IN THE STUDENTS FOR FUTURE MOBILITY PROGRAM (SFFM):

- Make sure that your proposal is addressing these values
 - A minimal use of earth resources, in production and operations
 - A minimal use of energy in production and operations
 - Focus on solar and renewable energy only
 - Separated from regular roads and not interfering with other modes
 - Ensuring environmental protection and biodiversity
 - Affordable for all
 - Safe and resistant against impact from nature
 - Comfortable
 - Financially viable as a mass transportation system
 - Low Visual intrusion, attractive design
- Send in the proposal in a 1 page document to **info@podcarcity.org**. We will get back to you within 2 weeks and if we are positive about the proposal, we will send you a form to fill in with details about your team and type of idea.
- When you are sure your proposal is according to the values above, do the registration cost of \$25 for the entire team (you only need to register one person). Please go to www.podcarcity.org and go to “membership”. You will then receive a confirmation and a score from the PCC Tech board.

