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# People-Powered Transit Bike Bus

**Possible Academic Connections:** Civil Engineering

**Recommended project length:** Semester, year

[**Experiential Learning**](https://www.ohio.edu/academic-excellence/experiential-learning/overview)**?** Likely

[**Community Engagement**](https://www.ohio.edu/university-college/campus-community-engagement)**?** Not likely

**Remote learning possible?** Partial

**Connection to** [**OHIO Sustainability & Climate Action Plan**](https://www.ohio.edu/sites/default/files/sites/sustainability/files/2021%20OHIO%20Sustainability%20and%20Climate%20Action%20Plan.pdf)**:** Climate, Transportation, Student Life

**Brief description:** Create a human-powered bike bus (bike with 8-12 seats) to increase healthy, active transportation among students on campus.

**Project description:**

Utilize student/faculty expertise to design and build a [human-powered bike bus](https://ecofriend.com/pedal-powered-buses-yes-exist-fun.html). For this project, students will design a bike bus (bike with 8-12 seats) and work with faculty to build the bike with used bike parts. Students will also plan a route that the bike can be ridden on. Creating a bike bus will promote active human transportation and give students an easy, healthy way to go to class with their peers.

**Resources available to students/faculty to complete project:**

* Faculty time
* Leftover metal/parts from old bikes

**Project alignment to OHIO Sustainability & Climate Action Plan:**

* [Climate](https://www.ohio.edu/sustainability/operations/climate) (goal #1)
* [Transportation](https://www.ohio.edu/sustainability/programs/transportation) (goals # 1 and #2)
* [Student Life](https://www.ohio.edu/sustainability/sustainable-living/student-affairs) (goal #1)

**Please send final project deliverables to** [**sustainability@ohio.edu**](mailto:sustainability@ohio.edu) **for tracking and reporting purposes.**