People-Powered Transit Bike Bus

**Possible Academic Connections:** Civil Engineering

**Recommended project length:** Semester, year

**Experiential Learning?** Likely

**Community Engagement?** Not likely

**Remote learning possible?** Partial

**Connection to OHIO Sustainability & Climate Action Plan:** Climate (goal #1), Transportation (goal #1 and #2), Student Life (goal #1)

**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. 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 (goal #1)
- Transportation (goals # 1 and #2)
- Student Life (goal #1)

Please send final project deliverables to sustainability@ohio.edu for tracking and reporting purposes.