



**Power Walk** utilizes sustainable materials such as aluminum that can be not only be sourced from **recycled material**, but can also be recycled at the end of their life cycle. By utilizing **solar glass panels**, the structures can generate power while allowing filtered light to penetrate below for landscaping. Integrated into the structure are **wireless Internet access** points allowing users the flexibility to work outside and providing access for folks who otherwise would not have the resources to access it. The project would have an **educational** component as well and seek to inform residents about sustainability, **regenerative design**, and renewable energy. At night the structure would provide inviting **lighted** walkways, connecting the surrounding areas of the city together. The plants surrounding the walkways utilize **permaculture** and regenerative landscaping principles to **restore** the natural landscape and provide **food** for residents. The project presents a **pragmatic** and **scalable** solution to a number of UN sustainability goals. A section can be as small as one modular unit for **residential** use or contain dozens to cover stretches of pathways for **civic** use. The units can be arranged in several **configurations** including an arch, half-arch, and butterfly design. In many ways, this project further adds to the urban **resilience** of Mannheim.

