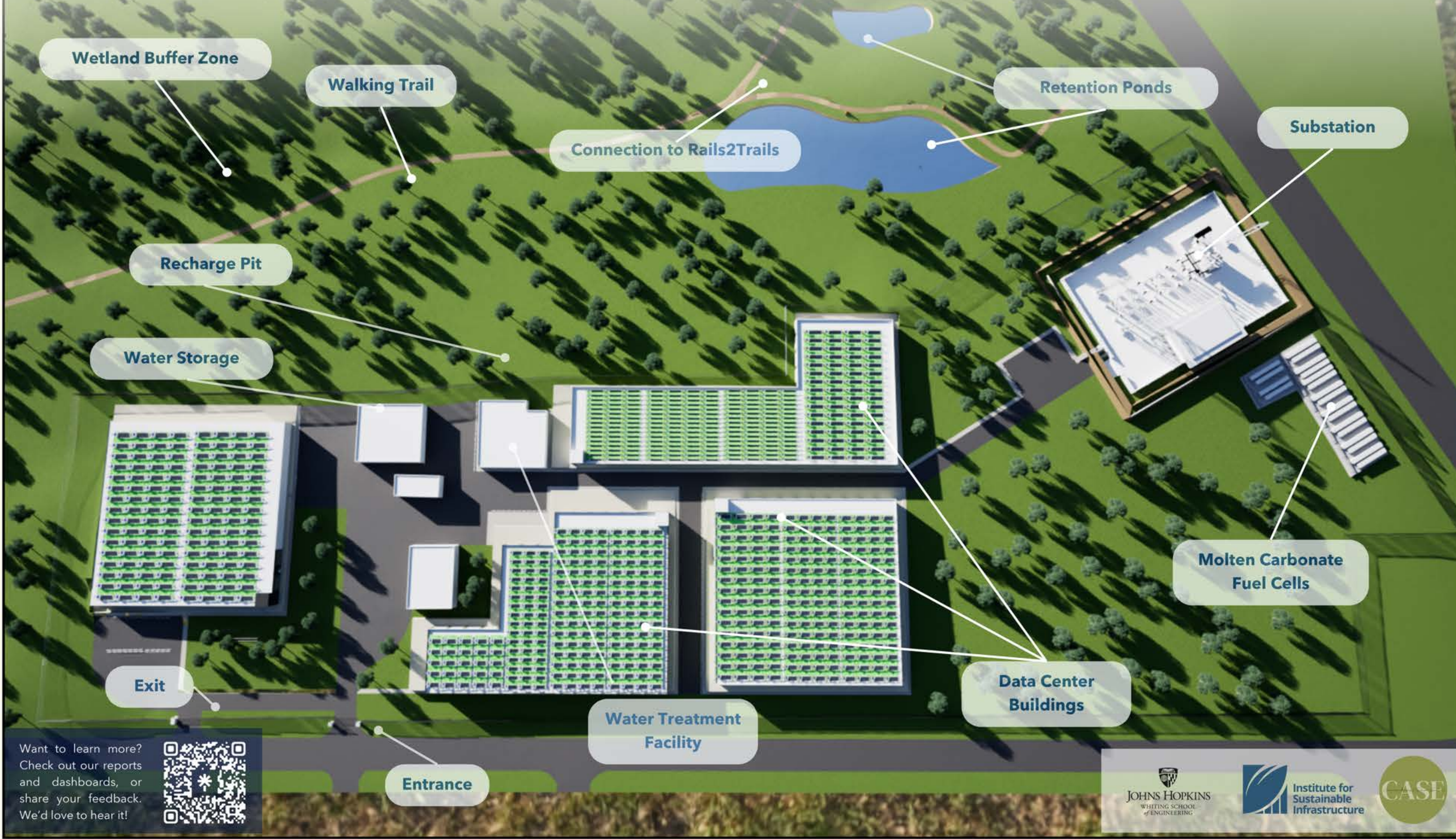


# WELCOME TO THE INFORMATION OASIS



Want to learn more? Check out our reports and dashboards, or share your feedback. We'd love to hear it!



## Community Conscious Construction

CASE prioritized the community by conducting a health impact assessment (HIA) and creating a plan to monitor and evaluate sound levels, air quality, and water quality. The plan also mitigates noise pollution by placing loud equipment far from residential areas and behind sound walls. Finally, the design protects the community's water supply, keeping it safe and steady for residents.



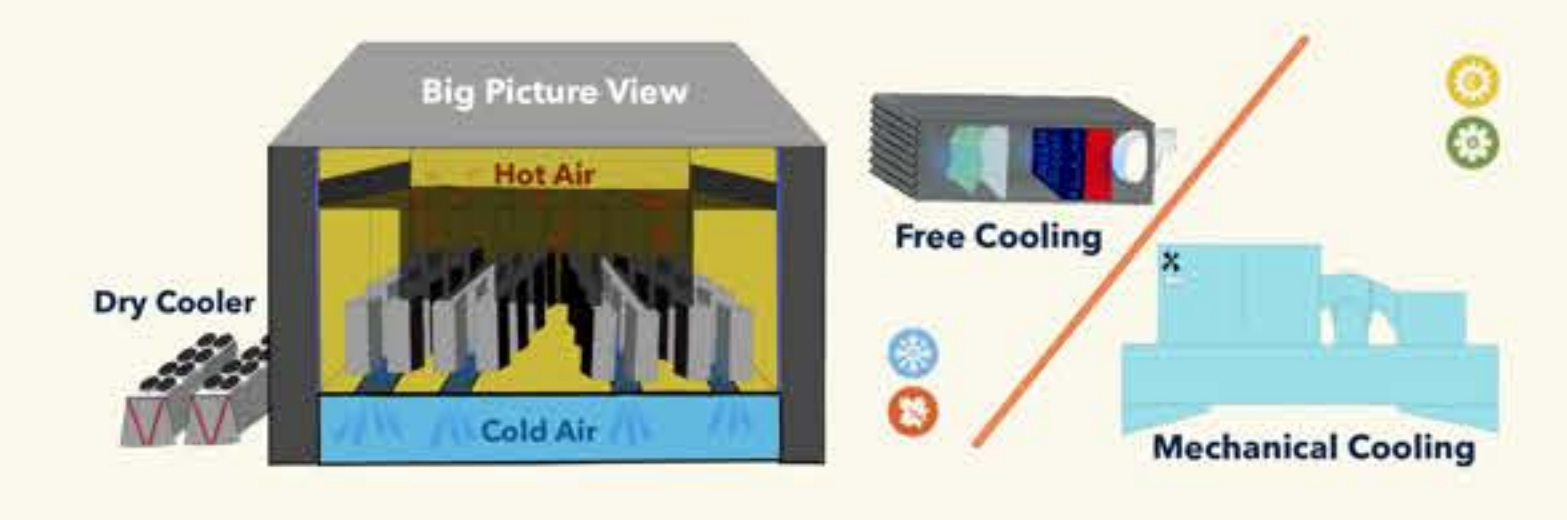
## Mitigating Operational Impacts

You won't hear the Information Oasis, even if you live right next to it. Our advanced cooling and power systems keep noise at nearby residences **below 26.5 dBA** (quieter than a whisper). Environmental health and safety managers will be on-site during construction, and air, water, and noise monitors will ensure the environment stays just as clean as it was before.

## Sustainable Water Use

**Meeting Cooling Demands**  
Equipment on site is cooled using partially treated wastewater from local wastewater treatment facilities. Our site uses less than 15,000 of the 20,000 gallons of potable water offered by the local utility. This means **over 5,000 gallons of water daily is still available** to your community.

**How it Works**  
CASE plans to utilize a direct-to-chip closed-loop cooling system, allowing water to be constantly reused. The application of a hybrid system with free and dry coolers will be used to offset water and energy usage throughout the year.



Our hybrid free cooling system can reduce energy consumption by up to **70%**



## Our Inspiration: The Community

Inspired by sustainable data centers across the globe, Communities Advocating for a Sustainable Environment (CASE) created the Information Oasis with people and their environment in mind. CASE is proud to present our **fourth ENVISION Platinum project**.



## Building for Resilience

- Fire:** Fire-resistant walls, plants, and interior sprinkler system
- Emergencies:** Emergency alerts, evacuation routes, and shelters
- Power:** Powered by molten carbonate fuel cells

## Revitalizing Community Connections

**200** foot wetland buffer for river quality

**10,000+** gallons of water restored per year

**2,300** foot-long trail to increase connection

## Improving Long Term Health Outcomes

**Physical Wellbeing**  
2,300 feet of publicly accessible trail to encourage **exercise**.

**Shift to Clean Energy**  
When Iowa adopts hydrogen, onsite power generation could use up to **50% green hydrogen**, encouraging a more carbon-conscious transition.

**Envision Certification**  
Council Bluff's **first** ENVISION-certified project and Iowa's eighth, **increasing sustainability awareness** for future Council Bluffs projects.

## Local Economic Synergies

**Supporting Local Businesses**  
**Local businesses** will be encouraged to set up **food stands** along the Brown River Trail.

**Supplying the Local Refinery**  
High-grade heat will be piped to the local refinery, reducing its CO<sub>2</sub> emissions by up to **73%**.

## Commemorative Features

**Three Fires Council Sculpture**

**Historical Signage**

**Railroad Arch**