

# Sustainability & Green DAM Practices

## Factors That Make DAM Systems Sustainable

Within an organization that heavily deals with various digital assets, the means by which they manage their assets play a crucial role in not only their operational efficiency but also their environmental impact (Investment Recovery Association, 2025). That’s where DAM systems come in!



### With a DAM System

#### Streamline Workflows

- A more streamlined workflow results in fewer inefficiencies, which ultimately means saving energy and reducing one’s carbon footprint (QBank, n.d.)

#### Efficient Asset Delivery

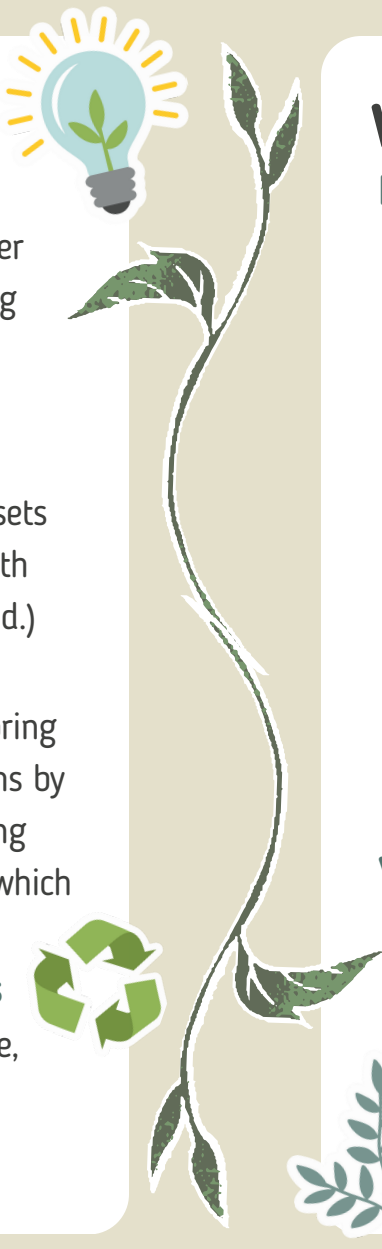
- Some DAM solutions resize and optimize assets for each delivery channel, reducing bandwidth usage, and one’s digital footprint (QBank, n.d.)

#### Reduces Digital Waste

- Prevents duplicated files and users from storing the same assets in multiple different systems by having one centralized system for everything
- All this minimizes clutter and digital bloat, which reduces carbon footprint (QBank, n.d.)

#### Promotes Circular Economy Practices

- Companies can modify older assets for reuse, maximizing existing resources (Investment Recovery Association, 2025)



### Without a DAM System

#### Multiple Storage Systems for Assets

- Without a centralized system for asset storage, teams will naturally begin to create and use their own methods for storing digital assets, which increases storage bloat and the likelihood of outdated files existing throughout systems
- Ultimately creates digital clutter
  - The accumulation of useless and irrelevant digital assets
- Decreases efficiency and increases energy usage (QBank, n.d.)



#### Various Routes for Asset Delivery

- Asset delivery becomes less efficient and controlled (QBank, n.d.)



## Tips for Further Reducing a DAM System’s Carbon Footprint

### AI Integration

- AI integration allow organizations to detect waste, streamline asset utilization, and mitigate ecological effects through large-scale real-time data analysis
- AI can prove to be great for sustainability within a DAM system if used correctly, as it saves time from employees having to manually tag assets and prevents inconsistency, helping maintain the structured workflows that a DAM system’s sustainability relies on
- This supports reduced environmental costs and reinforces overall sustainability efforts (QBank, n.d.)

### Maintain Well Organized System

- A poorly managed DAM system can actually expand its carbon footprint, as they can become cluttered, underutilized, or inefficient (QBank, n.d.)

### Analyse the Situation Prior to Making Changes

- Use a repair/replace model designed with both economic and environmental factors in mind when updating the DAM system infrastructure (Abdi & Taghipour, 2019)

## References

Abdi, A., & Taghipour, S. (2019, October). Sustainable asset management: A repair-replacement decision model considering environmental impacts, maintenance quality, and risk. *Computers & Industrial Engineering*, Volume 136, 117-134. <https://doi.org/10.1016/j.cie.2019.07.021>

Investment Recovery Association. (2025). *11 Innovative Strategies for Implementing Green Asset Management in 2025*. Investment Recovery Association. Retrieved November 30, 2025, from <https://invrecovery.org/11-innovative-strategies-for-implementing-green-asset-management-in-2025/>

QBank. (n.d.). *How Digital Asset Management drives sustainability and transforms organizations*. QBank. Retrieved November 30, 2025, from <https://qbankdam.com/en/blog/how-digital-asset-management-drives-sustainability>

QBank. (n.d.). *Sustainable DAM: How digital asset management fuels responsible growth*. QBank. Retrieved November 30, 2025, from <https://qbankdam.com/en/blog/sustainable-dam-how-digital-asset-management-fuels-responsible-growth>

## References

Abdi, A., & Taghipour, S. (2019, October). Sustainable asset management: A repair-replacement decision model considering environmental impacts, maintenance quality, and risk.

*Computers & Industrial Engineering, Volume 136*, 117-134.

<https://doi.org/10.1016/j.cie.2019.07.021>

Investment Recovery Association. (2025). *11 Innovative Strategies for Implementing Green Asset Management in 2025*. Investment Recovery Association. Retrieved November 30, 2025, from

<https://invrecovery.org/11-innovative-strategies-for-implementing-green-asset-management-in-2025/>

QBank. (n.d.). *How Digital Asset Management drives sustainability and transforms organizations*.

QBank. Retrieved November 30, 2025, from

<https://qbankdam.com/en/blog/how-digital-asset-management-drives-sustainability>

QBank. (n.d.). *Sustainable DAM: How digital asset management fuels responsible growth*. QBank.

Retrieved November 30, 2025, from

<https://qbankdam.com/en/blog/sustainable-dam-how-digital-asset-management-fuels-responsible-growth>