



Energy Data eXchange

# Continues to Progress as the FE Trusted Data Solution

EDX has achieved major milestones over the past six months, all while continuing to support virtualization of the Fossil Energy (FE) R&D community during a global pandemic. Upgrades to the EDX infrastructure include the deployment of a big data computing cluster, enhancements to the Knowledge Management Database, data ranking capabilities, and initiation of an update to the core CKAN instance underpinning EDX.



## Data Curation Continues to Grow within EDX

- EDX is publicly hosting **20,000 FE resources**
- **25%** of all **EDX private collaboration environments** launched in 2020
- **Over 2 Million** file downloads consisting of over **14+ PBs** of data
- Remaining **resources exist in private resources until maturation**, prior to publication
- Data resources spanning **FE materials, subsurface, and geospatial**
- Over **800 active research projects** via EDX Collaborative Workspaces and over **80,000 secure, private data files**

**EDX Promotes FAIR Data Standards**  
*Ensuring alignment to Federal and DOE regulations and policies*



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## Energy Data Exchange Version 3 Update Enriches FE Community's Data R&D Resources

- Includes **enhanced search, filter, and data access capabilities** within a highly customized version of CKAN
- New EDX capabilities to **support connection of EDX-hosted data with virtualized analytical capabilities for data science driven R&D**
- EDX continues to move towards a **hybrid Cloud-enterprise infrastructure framework**



## EDX Brand Granted Registration No. 6,066,634 by the USPTO

- Registered as of **March 17, 2020**
- Represents the platform EDX has built since 2011 for **data management, curation, and collaboration** to serve DOE

**EDX.NETL.DOE.GOV**



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