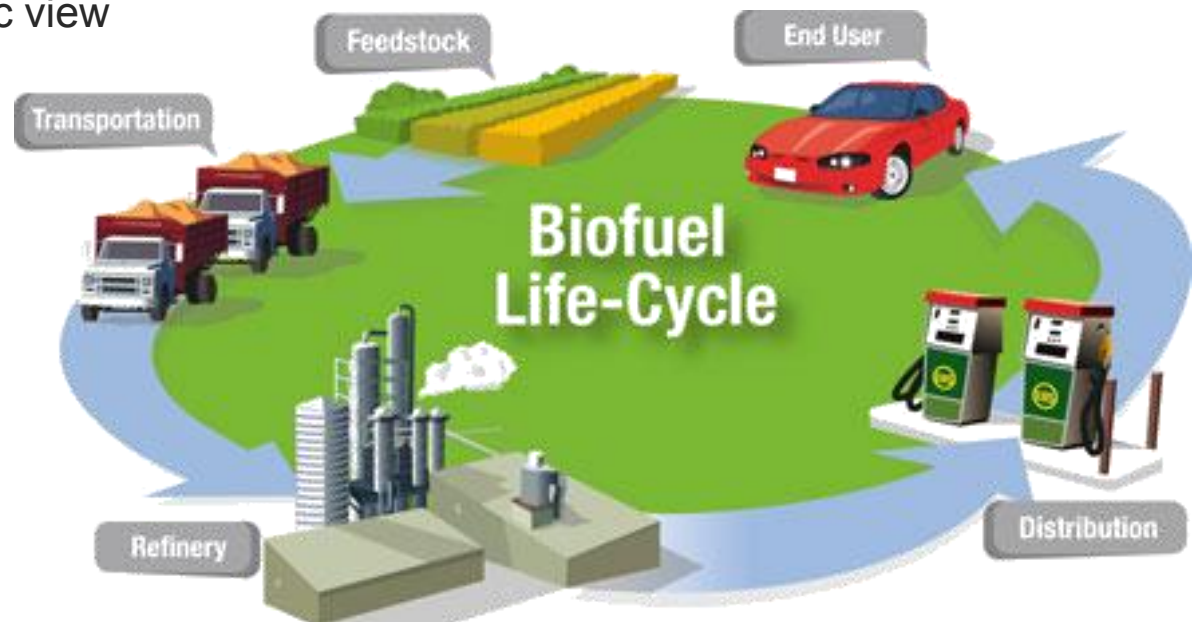


The Need for Credible and Integrated Knowledge

- Agencies invest in developing data and institutional knowledge
 - Little effort to make knowledge searchable, accessible and usable
 - “Reinventing the wheel”
- Isolated data silos leads to “information fragmentation”
 - Large data volumes, distributed sites
 - Limited access to data, information, tools
 - Difficult to form a holistic view
- Bioenergy resources, impacts and benefits depend on local conditions
 - Need knowledge that is integrated geographically





bioenergykdf.net

- Access
 - Collaboration, data management, analysis, and visualization tools designed to support bioenergy infrastructure research
- Integration
 - Bioenergy spatial data combined with socioeconomic and industrial factors will improve planning, development, and management decisions

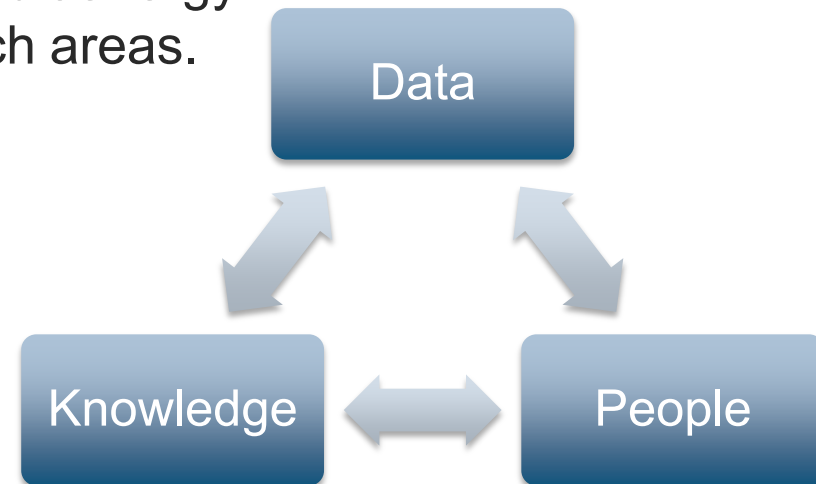


Integrated resources

- Knowledgebase of R&D from entire bioenergy community and from related research areas.
 - Integration of publications, reports, models and datasets for visualization and analysis
 - Access to analysis tools

Shared resources

- Connect data, knowledge and people from various stake holder communities to enable synchronized collaboration.
 - Locally and externally served data
 - Uploading and downloading capabilities
 - Users can set permissions for who can view or edit their data





KDF BIOENERGY KNOWLEDGE DISCOVERY FRAMEWORK U.S. DEPARTMENT OF ENERGY

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Biomass Feedstock

Biofuels could displace 30% of our country's petroleum consumption as a viable renewable energy*



*From Billion Ton Report, Robert Perlack, et al., April 2005. [\(Click to Read More\)](#)

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Partners

U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) funds the Bioenergy Knowledge Discovery Framework. Multiple national laboratories, universities, and agencies support this effort.



Coming Soon:

- Billion Ton Update
- Enhanced Charting
- Spatial Collaboration Tools
- High Resolution Imagery

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