Technical Infrastructure Focus Area

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What the Technical Infrastructure Subcommittee has discussed

- If data are not findable, definable, and extractable from their home organization, there will be no evidence building

- If data terms of use are not clear, there will be no data sharing

- If organizations lack capacity to build evidence without privacy enhancing techniques (PET), it will be challenging to introduce PET

- One monolithic technical infrastructure is not going to satisfy all use cases

- Not all use cases are known or understood today

- Internal evaluation needs can spur progress towards a unified data catalog, workbenches, and tools (USDA!)

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Technical Infrastructure must satisfy needs of

Data contributors

Requirements and governance
Standards (system and data)
Plumbing to move/access data
Dedicated staff and SMEs

Data users

Documentation
Workbench to analyze data
Enclaves to access restricted data
Tools to protect privacy

Major challenge we have identified

- **We need to know the governance framework to communicate rules for data access and use, within technical infrastructures, abiding by the legal framework**

- But we lack clarity on governance and the legal framework
    - Especially important for state-federal projects

- We need SCOPE discussion – need to know WHAT before we discuss HOW

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Are other ACDEB subcommittees addressing

- Harmonization across programs to define things in similar ways?

- Best practices to make data interoperable within and across agencies?

- Governance for data being manipulated in situ or brought together in virtual or actual enclaves?

- Models for providing technical assistance?

- Models to fund infrastructure upgrades in federal and state agencies?

- Needs and options for boards and councils to engage on scientific/technical direction, strategic vision, and community voice and value?

- Models to provide auditing, pen-testing, and transparency across the evidence-building landscape?

- Administrative supports for evidence building?