

Connected Communities Data Pilot

A pilot project to gather data across three focus areas to create “community profiles” that will allow for self-assessment and benchmarking to identify opportunities and develop project business cases based on data-driven insights.

TVA & PARTNER INVESTMENT

\$100K

plus in-kind services

(e.g., data access)

GUIDING CRITERIA

Pilot Focus Areas



FOCUS #1

Equitable access to services

Everyone in the Valley has access to services through broadband, modern technology, and the knowledge to use it.



FOCUS #2

Economic empowerment

Everyone in the Valley is economically secure and can contribute to a modern, 21st century economy to the best of their ability.



FOCUS #3

Energy and environmental justice

Everyone in the Valley has access to a healthy environment (natural and built) and reliable, affordable, & clean energy.

PILOT ACTIVITIES

Create Community Profiles



DATA

Catalog datasets

- TVA-provided
- LPC-partner provided
- Community-provided
- Publicly available



ANALYSIS

Assess opportunity

- Answer research question
- Benchmark community to peers
- Develop comparison visualizations such as GIS Mapping



OUTPUT

Provide recommendations

- Business case foundation
- Pilot opportunities
- Community profiles

Identifying Partners

The Ideal Partner

- 1 Has a research question that is closely aligned to at least one of the focus areas.
- 2 Has a clear scope that is still in the initial stages of investigation.
- 3 Has interest in identifying areas for potential projects .
- 4 Is an LPC, or is a Community willing to collaborate with its LPC.
- 5 Is willing to share datasets with TVA to develop a community profile.

The Value

For TVA

- Utilize data from pilot partners and publicly available data sets to answer a specific research question and develop recommendations not only for that community but for the Valley as well
- Validate the feasibility of creating Community profiles, and which data sets are most appropriate
- Learn how benchmarking can provide value to the pilot community
- Explore the feasibility of creating unique community specific resources
- Determine TVA's role in supporting benchmarking activities
- Develop a data-driven approach and foundation for the Connected Community business cases

For Partners

- Address specific research question through recommendations
- Revealed opportunities for future projects from the developed community profile
- Increased understanding and access to data that is publicly available or sharable by TVA
- Data-driven approach to develop the foundation for their Connected Community business cases

Key Partners

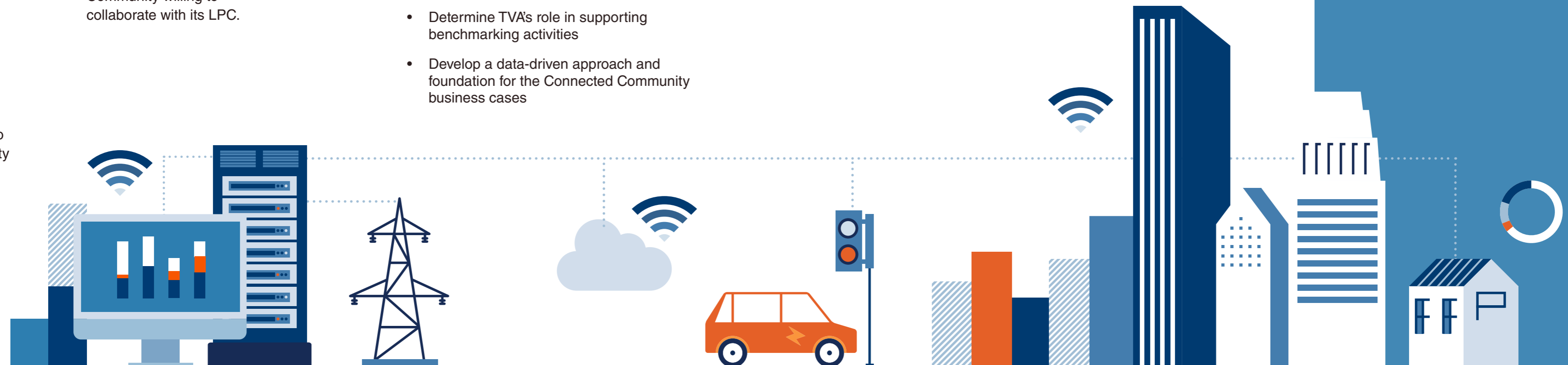
TVA

[Georgia Caruthers](#) (main contact)
Bonnie Latta
Data Analytics Group

Guidehouse

Communities

TBD



Timeline 2021

May/June
Identify
Community
partner and
research question

June
Identify
datasets
needed

June/July
Develop
database

June/July
Analyze and
benchmark
community

July/August
Develop
community
profile

July/August
Refine community
profile and develop
recommendations
for guidebook

August
Create
summary
of findings

August/September
Completed case
study to evaluate
the potential of
guidebook interactivity