



Closing the Connectivity Gap Between Farms, Fields & Research Labs

Research Labs

Mission: Bring America's largest 5G network to the fields, farms and research centers where ag-tech gets tested — and to the campuses training the people who build it.

The problem: Promising ag-research ideas rarely fail for lack of science — they stall for lack of connectivity, funding and a path from a single test plot to a national platform.

OUR MODEL FOR IMPACT



Network Infrastructure & Field Labs

Private 5G/IoT test beds — like the 5G Open Innovation Innovation Lab — deployed directly on working farms for real-time data.



Research Partnerships with Universities

Land-grant research centers (e.g., Washington State University) get network access to test and validate ag-tech at scale.



Community Investment

Hometown Grants fund local agriculture, food-access and access and rural revitalization projects nationwide.



One Field Lab. One Grant Program. Same Goal — Scale Local Wins Nationally



RESEARCH IN ACTION

5G Open Innovation Lab: Food Resiliency Project and Partnership with Colorado State University

A private 5G/CBRS network across working farms in Snohomish County, W Northwestern Washington Research & Extension Center real-time IoT data on soil, water and crop conditions.

Rural Connectivity- T-Mobile has also partnered to have access to satellite coverage in difficult rural counties. T-Mobile has a strategic partnership with Colorado State University to assist in driving innovation where technology is needed.



COMMUNITY INVESTMENT

Hometown Grants

\$25M

committed · \$21.5M+ delivered

475+

small towns revitalized

Ag example: Peterborough, NH's Farm-to-Table Campus — a hub for hands-on ag hands-on ag and food education.

THE OPEN QUESTION FOR THIS PANEL

Our pilots prove the model works one county, one campus at a time. The real opportunity is stitching isolated field labs, land-grant research and rural connectivity investment into one connected pipeline — so a proof point in Snohomish County becomes infrastructure for every ag college in the country.