



fca[®]

ENERGY TRUST
INVESTMENT

JANUARY 2021



Energy Trust Investment

Farmers Conservation Alliance is working to enable and accelerate the modernization of irrigation infrastructure across Oregon and the West. With Energy Trust of Oregon's investment, irrigation modernization is ensuring that today's water supplies are more than sufficient to support environmental, agricultural and municipal needs, while saving energy and generating new clean hydropower.

Reach within Oregon

With Energy Trust's catalyzing investment, impact of the Irrigation Modernization Program is felt across Oregon and in three other western states. This work supports more than 88,000 jobs on more than 6,500 farms.

We are now working with

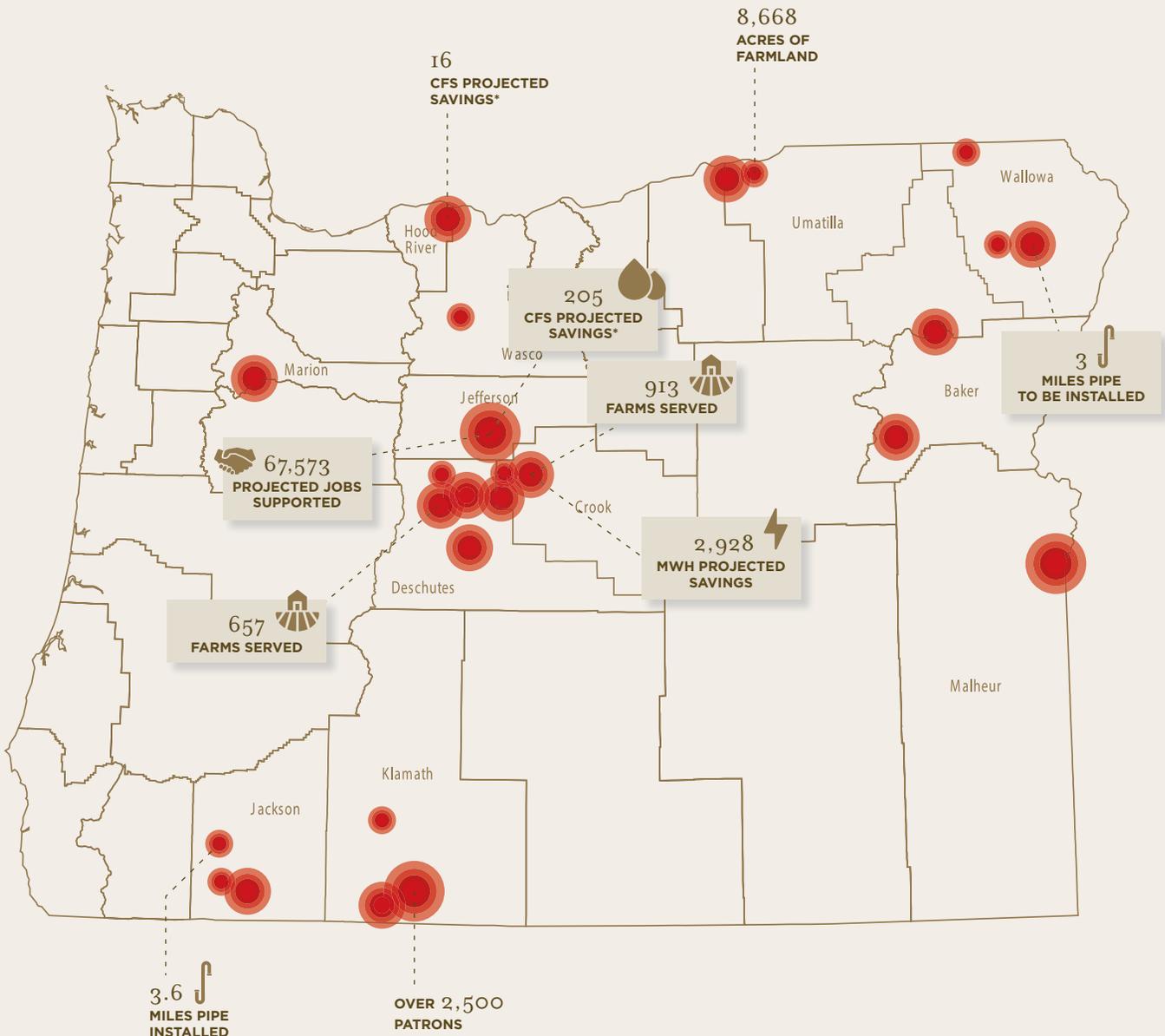
25 OREGON DISTRICTS



representing

55% OF IRRIGATED AGRICULTURE

+4 districts in other states, including CALIFORNIA, MONTANA, AND NEVADA



*Projected savings are annually.

Benefits of investment

Energy Trust's funding for the Irrigation Modernization Program uncovered over 100 potential conduit hydropower facilities with a combined generating capacity of more than 32 megawatts. This generation potential is also an opportunity to provide energy resilience benefits to Oregon's rural communities that may be disproportionately affected by wildfires and other natural disasters that impact the power grid.

RENEWABLE

100+
identified potential
hydropower projects



~32.5 MW
of capacity

120,000 MWh
of generation

Currently in evaluation
or project development



7 PROJECTS

Representing

~3.5 MW of capacity and

9,600 MWh of annual generation

Evaluations of hydroelectric potential in irrigation districts:



COMMUNITY RESILIENCE

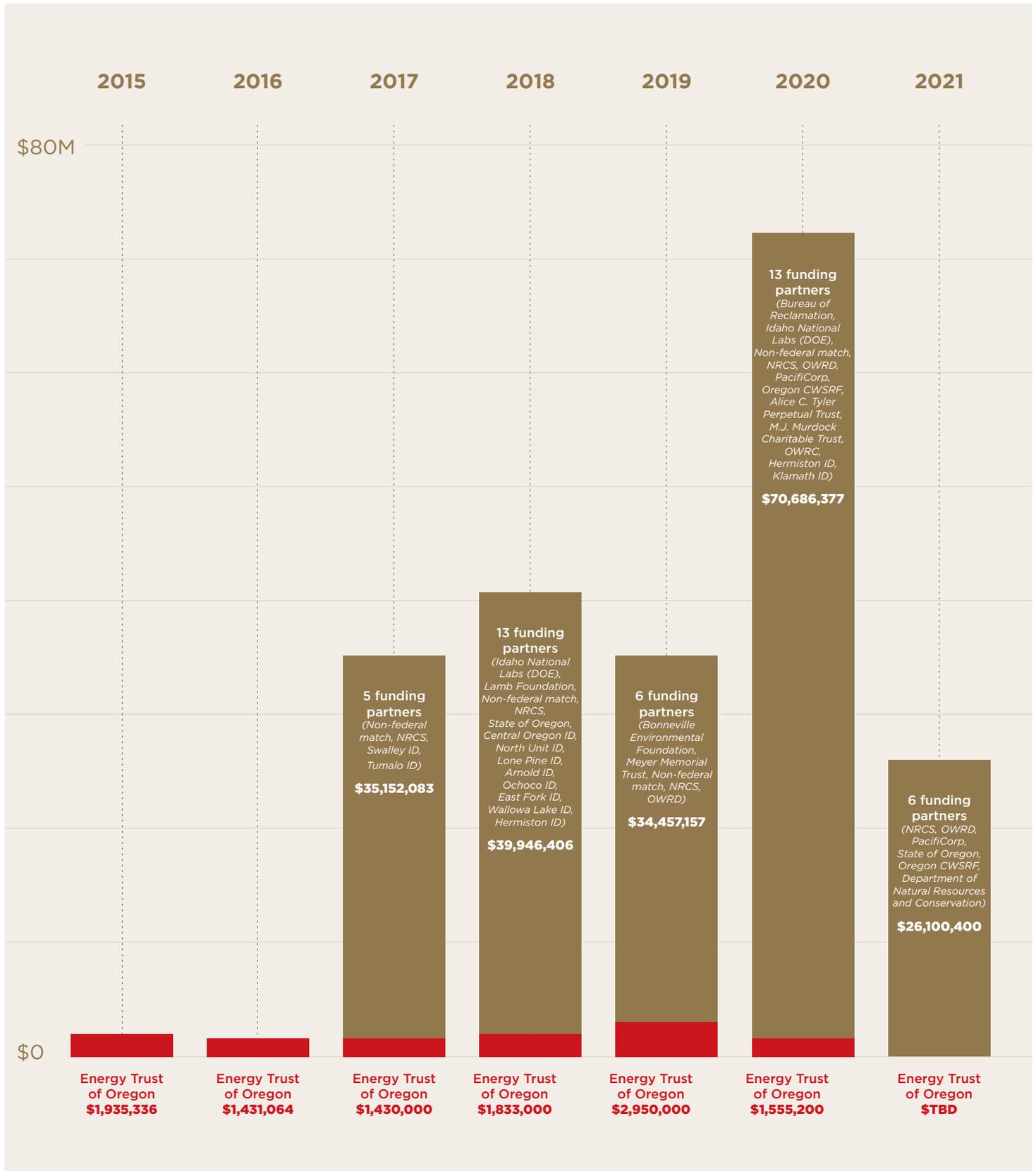


FCA's work is built for the long haul. We want the communities we partner with to be ready for whatever the future may hold. That's why our infrastructure investments are designed with long term resiliency in mind. If the unthinkable ever happens, our partners will recover stronger and faster. As the wildfire season in the West gets hotter and longer, we are helping communities develop infrastructure that prevents and endures the

worst conditions. To manage Oregon's seismic potential, our projects are designed to not only survive the shaking, but make recovery from an event easier. We are also considering the feasibility of co-locating fiber optic cable or buried transmission lines as potential value-added revenue and to provide high-speed internet access to rural communities and mobile telecommunications providers. Resiliency is key to everything we build.

Funding partners over time

Energy Trust's annual investment of \$1.5-3M leveraged \$34-70M in additional funding each year for the past four years. Energy Trust's investment, supporting energy efficiency and new renewable energy generation opportunities in rural Oregon, is the foundation upon which other partners build, getting projects into construction at a scale well beyond what would be possible with a single funder.



Funding leveraged

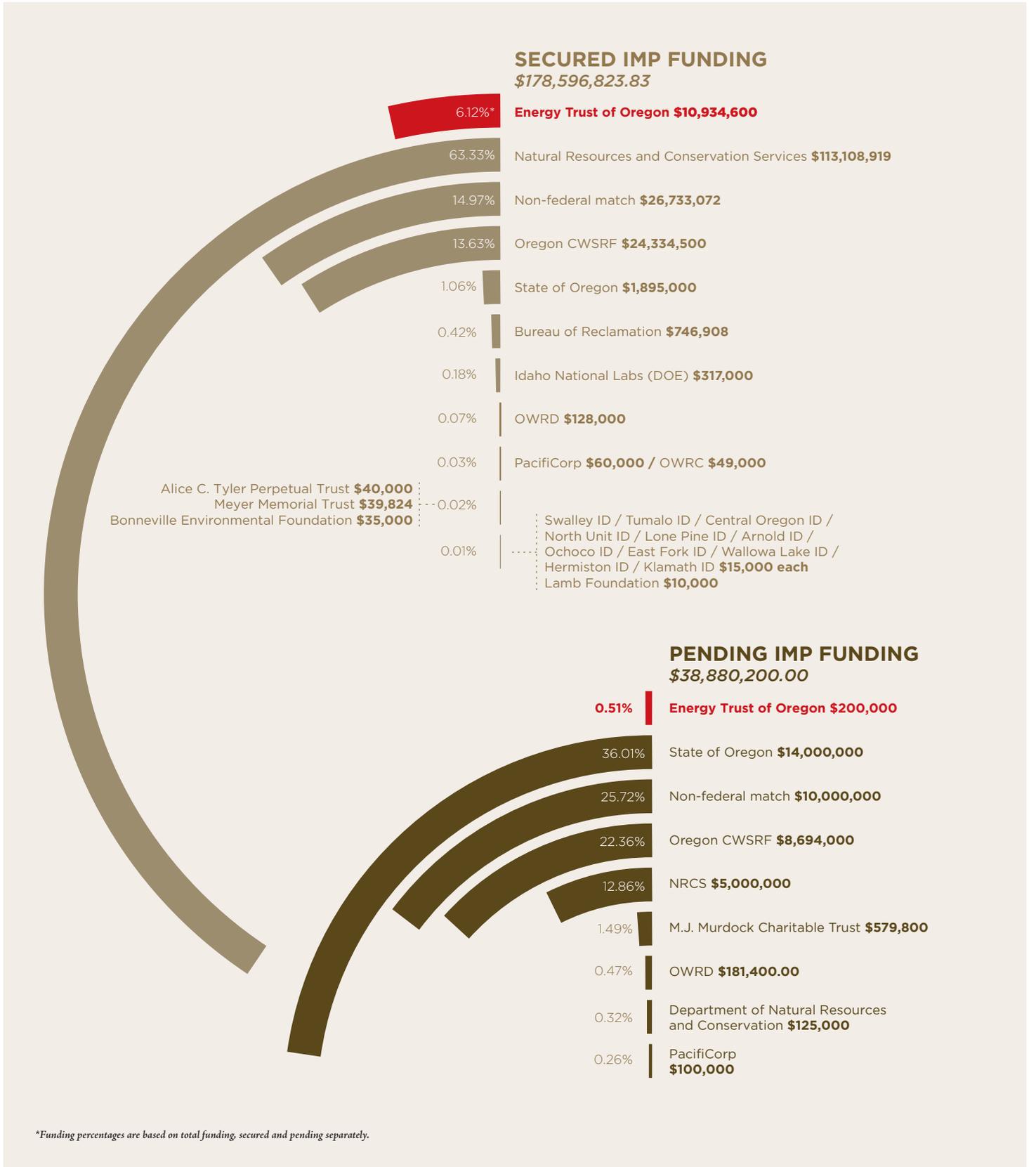
Since 2015, each dollar invested by Energy Trust to support energy efficiency and conduit hydropower through the Irrigation Modernization Program was matched by \$18 in additional funding. Those other funding sources provided planning, programmatic, or implementation capital to benefit agricultural resilience, local economic development, and Oregon's environment.



2015 | —————> 2021

Funding partners

Energy Trust's \$11M project development assistance and programmatic investments in irrigation modernization since 2015 have secured over \$167M in additional funding to build the program and move projects through permitting and into construction. With nearly \$40M in further funding pending, the program creates a literal pipeline of projects to deliver energy efficiency and renewable energy benefits to Oregon's agricultural communities.



Benefits of investment

Energy Trust's investment in the Irrigation Modernization Program is transforming the operational paradigm for irrigation districts in Oregon and across the west, moving projects into construction and securing energy, agricultural, economic, and environmental benefits at a pace never before seen in the sector.

