

2019 DDRDP Demonstration Projects

Grant Application Workshop



About the Program

- This program has been created in response to the recommendations of the SB 1383 Dairy and Livestock Working Group.
- Competitive grant solicitation process administered by the California Department of Food and Agriculture (CDFA).
- Program Objective: To award funds to California dairy operations and digester developers for the implementation of new and innovative technologies not currently covered under DDRDP.
- Up to \$2 million available in funding.



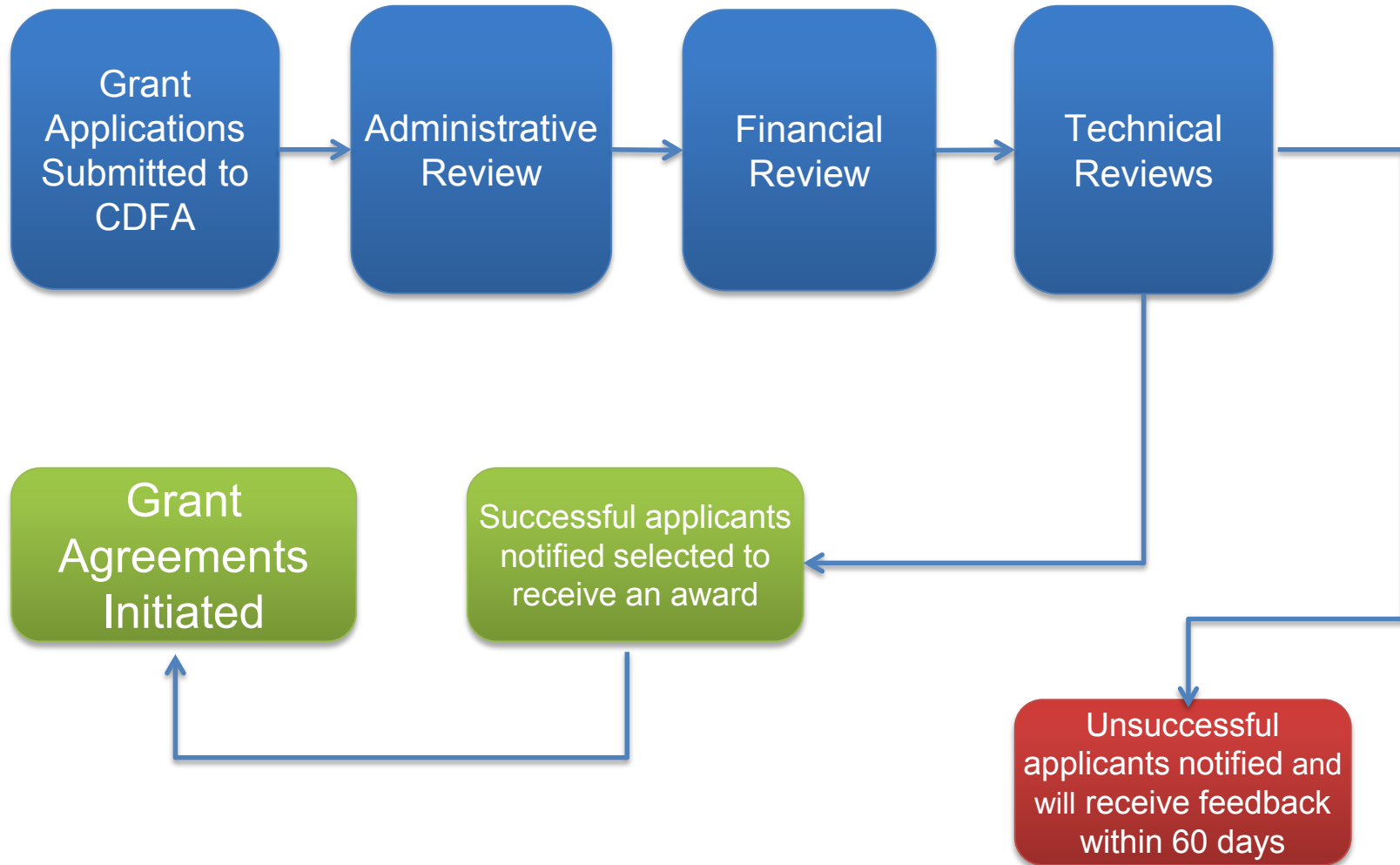
Funding and Duration

- 2019 DDRDP funding is authorized by Budget Act of 2018 (SB 856 Ch. 30, Statutes of 2018). Up to **\$2 million** are available for DDRDP Demonstration Projects.



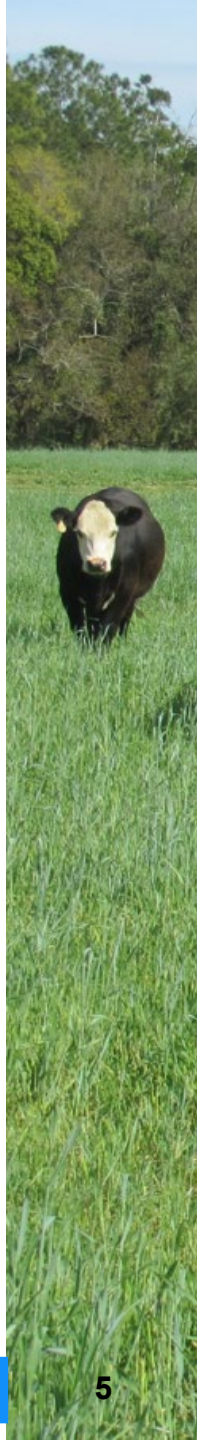
- Project Grant Amount: Up to \$2 million
- Project Duration:
October 1, 2019 – September 30, 2021

Solicitation Process



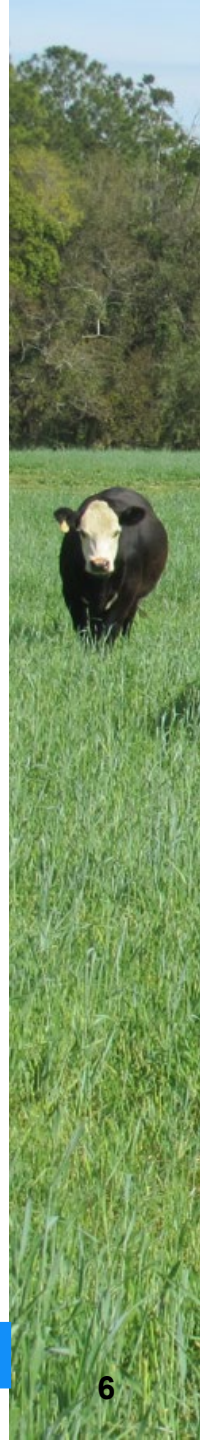
Timeline

Release of Request for Grant Applications	December 28, 2018
Workshop: Edison Bldg. Energy Education Center 4175 South Laspina Street, Tulare, CA	January 23, 2019 3:00 – 5:00 pm
Workshop: Stanislaus County Agricultural Commissioner, Room ABC, 3800 Cornucopia Way Modesto, CA	January 24, 2019 3:00 – 5:00 pm
Application Workshop Webinars are available both sessions; see DDRDP web site for link to webinar.	
Grant Applications Due	April 3, 2019 5:00 p.m. PDT
Application Review	May – August 2019
Announce and Award Funding	September 2019



Eligibility

- The project site must be located on a commercial California dairy.
- CA University researchers and academic experts, non-profits or for-profits in collaboration with CA dairy operators including Native American Indian Tribes are eligible to apply.
- Existing defunct and non-functional digesters are eligible. Defunct for a minimum of 12 months.



Exclusions

- Upgrades to existing, functional dairy digesters to boost emission reductions and energy production.
- Projects that propose to switch existing management practices to those that increase baseline greenhouse gas (GHG) emissions (e.g., from dry scrape to flush lagoon systems).
- Duplicate equipment or activities that will receive funding from other State or Federal agencies
- Projects that have accepted or plan to accept DDRDP, AMMP or AMMP Demonstration Projects grant.
- Project resulting in negative environmental impacts.



Project Technology and Feasibility

- New and innovative technologies/strategies not funded under DDRDP.
- Innovation in methane production and capture and/or methane destruction. Biogas end use: renewable electricity or fuel.
- Provide scientific literature to support methane reduction claims.
- Provide life cycle analysis of manure and by-products.



GHG Emission Reduction quantification

- Must submit estimated GHG reduction
 - Use DDRDP Benefits Calculator Tool if applicable:
www.arb.ca.gov/cci-resources
 - DDRDP Benefits Calculator Tool related questions GGRFProgram@arb.ca.gov
- OR**
- Applicant provided GHG reduction quantification
 - Must be supported by multiple scientific papers
 - Must provide Data Collection Plan



How to Apply

- 2019 DDRDP Demo applications can be submitted using SWRCB's FAAST portal
 - <https://faast.waterboards.ca.gov/>
- Questions related to FAAST
 - **faast_admin@waterboards.ca.gov**
- Computer System Requirements
 - FAAST computer system recommendations:
 - Use a Windows PC with Internet Explorer 6.0 or higher.
 - Disable pop-up blocking software while using FAAST.
 - Save work often



Application Attachments

- **Project Plan and Long-Term Viability**
 1. Project Narrative Template
 - 1.1 Site plan, project design documents, schematic diagrams, etc.
 - 1.2 Resumes, team commitment letters, etc.
 - 1.3 Copy of Deed and/or Lease Agreement (if applicable)
 2. Work Plan Template
- **Project Technology and Feasibility**
 3. Project Technology Template
 - 3.1 List of references cited
- **Budget Worksheet and Financials**
 4. Budget Worksheet Template
 5. Cost-Share Template
 6. Financials



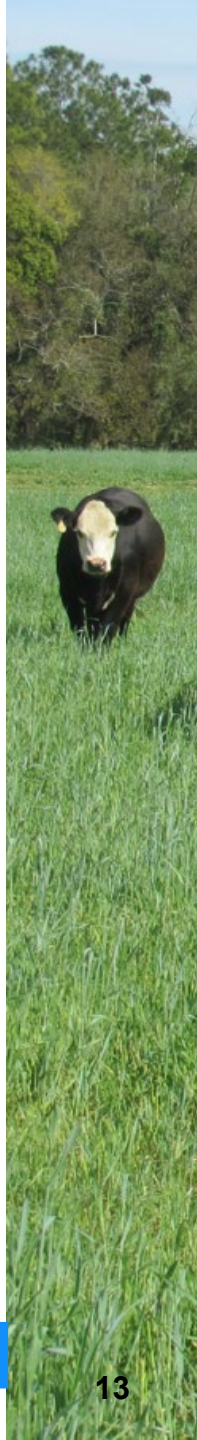
Application Attachments

- **Estimated GHG Emissions Reduction**
 - 7. DDRDP Benefit Calculator or applicant provided calculations
 - 7.1 Explanation of variables and methodologies adopted different from the DDRDP Benefits Calculator
 - 7.2 Published research papers to support the GHG reduction calculations (if applicable)
 - 7.3 GHG Data Collection Plan (if applicable)
- **Project Readiness and Permitting Status**
 - 8. Project Readiness Template
 - 8.1 Potential Permits
 - 8.2 Status of interconnection/ takeoff agreements etc.
- **Environmental Performance**
 - 9. Environmental Performance Template
 - 9.1 Supporting documents to justify environmental performance claims
- **Community Impact**
 - 10. Community Impact Template
 - 10.1 letters of support from community members, local government and community organizations
 - 10.2 Justification for responses to priority population benefit questions
 - 10.3 Complete and upload CARB Community Engagement Questionnaire



Scoring

Project Plan and Long-Term Viability	20
Project Technology and Feasibility	20
Budget Worksheet And Financials	10
GHG Reduction	20
Project Readiness And Permitting Status	10
Environmental Performance	10
Community Impact	10
	<hr/>
Total	100



Disqualification

- One or more unanswered questions necessary for the administrative, fiscal, or technical review;
- Missing, blank, unreadable, or corrupt content;
- Unusable or unreadable attachments;
- Requests for more than the maximum award amount.



Questions and Answers

- Email questions to:
cdfa.oefi_ddrdp_tech@cdfa.ca.gov
- Include **DDRDP Demonstration** in subject line to ensure response

Questions Received by:	Responses Posted by:
January 25, 2019	February 1, 2019
February 15, 2019	February 22, 2019
March 8, 2019	March 15, 2019



Live Demonstration

- **Webpage**
- **FAAST**

