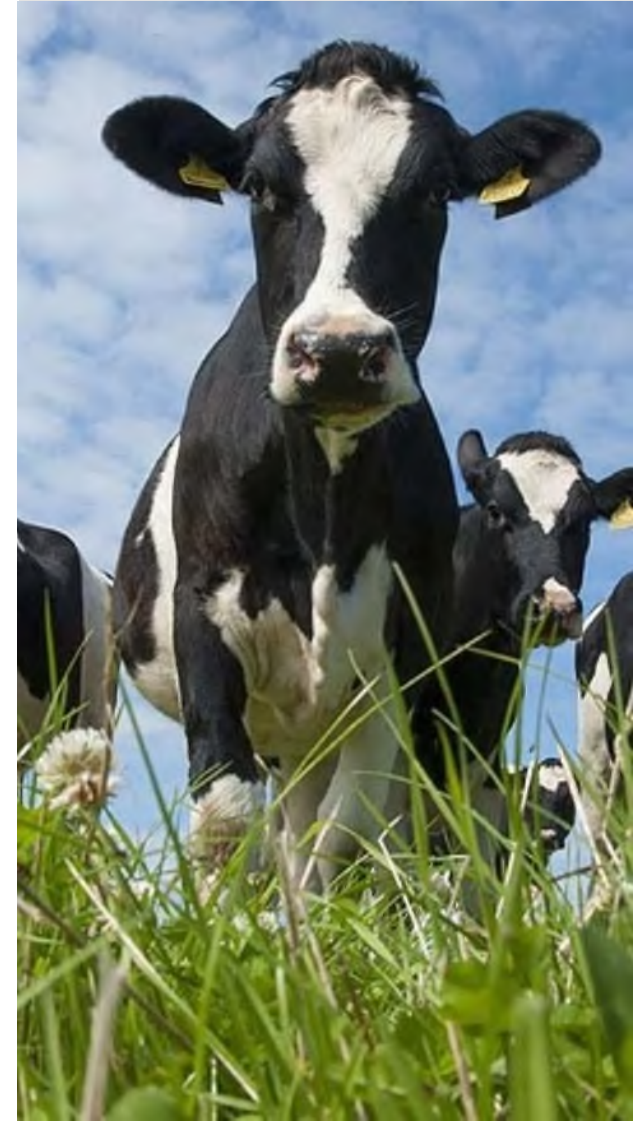


Request for Idea (RFI) Process

Dairy and Livestock Subgroup #3

March 12, 2018



Background: Purpose and Goal of Subgroup #3



The main purpose of Subgroup #3 is to prioritize dairy research projects that improve our knowledge on:

- The accuracy of greenhouse gas (GHG) and other air pollutant emissions from California dairies
- The potential GHG emission reductions and air quality impacts (positive and negative) from implementation of methane mitigation strategies

By the end of 2018, Subgroup #3 will develop a **Dairy Air Research Prospectus** to help guide California's funding agencies and organizations prioritize future research projects

Background: Previously Identified Knowledge Shortfalls and Research Needs



To effectively achieve SB 1383's SLCP emission reduction targets, there is a need to:

- Assess localized air pollution issues associated with dairies, especially in **environmental justice** communities
- Develop a long-term dairy greenhouse gas (GHG) and air monitoring program to **track progress on reducing methane emissions**
- **Improve emission inventories** (e.g., methane, ammonia, etc.) using California-specific data
- Regional GHG and AQ modeling to evaluate **short- and long-term benefits of air pollution mitigation strategies**

Developing Dairy Air Research Prospectus: RFI Solicitation Process




- WHO:** Dairy and Livestock Subgroup #3
- WHAT:** Initiate RFI solicitation, **open to all community members, researchers, government agencies, industry, etc.**
- WHEN:** Starting **March 15, 2018**
- WHERE:** “RFI Submission Docket” will be opened on CARB Dairy and Livestock Subgroup #3 website:
<https://www.arb.ca.gov/cc/dairy/dsg3/dsg3.htm>
- WHY:** To develop a **Dairy Air Research Perspective:** a comprehensive list of dairy air research ideas that align with the four knowledge shortfalls and research needs identified by Subgroup #3

Developing Dairy Air Research Prospectus: RFI Submission



To submit: <https://www.arb.ca.gov/cc/dairy/dsg3/dsg3.htm>

Request for Ideas (RFI) Submission Docket



Guide to Completing an RFI Submission

- **Name and Contact Information:** Personal and organizational information to be used only should Subgroup #3 members need to contact the RFI submitter for clarifying questions. As mentioned on the subgroup webpage, no personally identifiable information will be included in the Dairy Air Research Prospectus document.
- **Topics Covered:** Research shortfalls were determined by Subgroup #2 to fall within four topic areas. In order to be reviewed by the appropriate subgroup members, any RFI must be categorized into one or more of the topic areas and listed in the submission form field.
- **RFI Submission Topic:** A concise title describing the proposal content and purpose.
- **RFI Overview:** An overview of the proposed project/story and expected results. The description of research methodology should include the specific dairy operation to be studied, specific methods to be used, standard operating procedure, appropriateness of methods/tools/equipment, data analysis, and QA/QC strategies.
- **RFI Limitations, Pitfalls, and Obstacles:** A description of problems the research team may have to overcome (e.g. seasonal/diurnal variability, generalizability of results to other dairies, variability of results, and access to dairies).
- **Estimated Duration:** The time frame required for preparation, data collection/analysis, and report.
- **Cost Estimate and Justification:** The estimated range of the costs required to conduct the proposed research work and study.
- **Upload a PDF or Word Document:** If a submitter would also like to upload a copy of their RFI proposal in PDF or Word document form, there is an option at the end of the form below. Subgroup #3 requests that any uploaded document be limited to 3 pages to allow for timely review.

Name of Submitter:

Affiliation:

Email:

Phone:

RFI Submission Topic:

RFI Overview (1000 characters max):

RFI Limitations, Pitfalls and Obstacles (500 characters max):

Estimated Duration of RFI Proposal (500 characters max):

Cost Estimate and Justification for RFI Proposal (500 characters max):

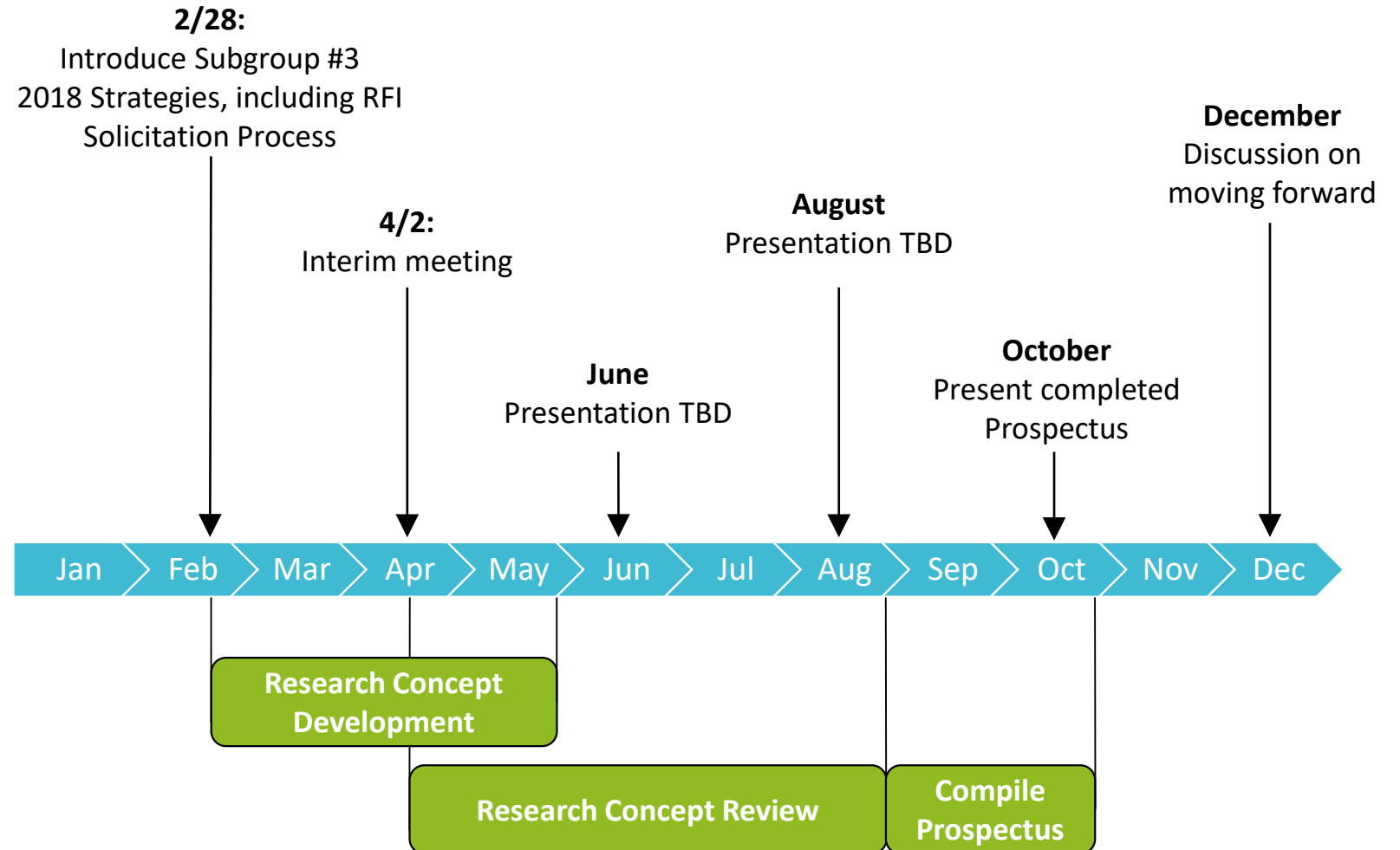
Upload PDF or Word Document (please limit to 3 pages):

Developing Dairy Air Research Prospectus: RFI Submission Review



- The RFI submissions will be pre-screened for completeness and appropriate content
- Any inappropriate submission or those that do not meet the RFI solicitation criteria will be removed
- Pre-screened RFI submissions will be reviewed and evaluated by Subgroup #3 co-chairs and committee members using multiple surveys based on the following criteria:
 - Air Impact
 - Industry Impact
 - Policy/Regulation/program Relevance
 - Feasibility

Completing Dairy Air Research Prospectus



Questions on RFI Process



RFI Submission Process:

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