

DOCKETED	
Docket Number:	22-BUSMTG-01
Project Title:	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
TN #:	243463
Document Title:	Presentation - Item 11 - The Regents of the University of California, on behalf of the Los Angeles Campus
Description:	Staff recommendation to approve the project titled "Corrosion Control Knowledge and Technology Integration for Safer California Natural Gas Pipeline System" (PIR-21-006) with The Regents of the University of California, on behalf of the Los Angeles Campus.
Filer:	Jeffrey Sunquist
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	6/7/2022 1:43:35 PM
Docketed Date:	6/7/2022



Item 11: The Regents of the University of California, Los Angeles – Natural Gas Infrastructure Safety and Integrity (PIR-21-006)

June 8, 2022 Business Meeting

Jeffrey Sunquist, Mechanical Engineer
Energy Research and Development Division
Energy Systems Research Office



Benefits to Californians

- Reduce GHG emissions and costs
- Improve safety and reliability of gas system
- Foster new clean energy partnerships





Overview

- Address gas pipeline corrosion-related challenges for CA's gas Investor-Owned Utilities.
- Investigate different corrosion mechanisms and develop an integrative approach to improve pipeline integrity management.

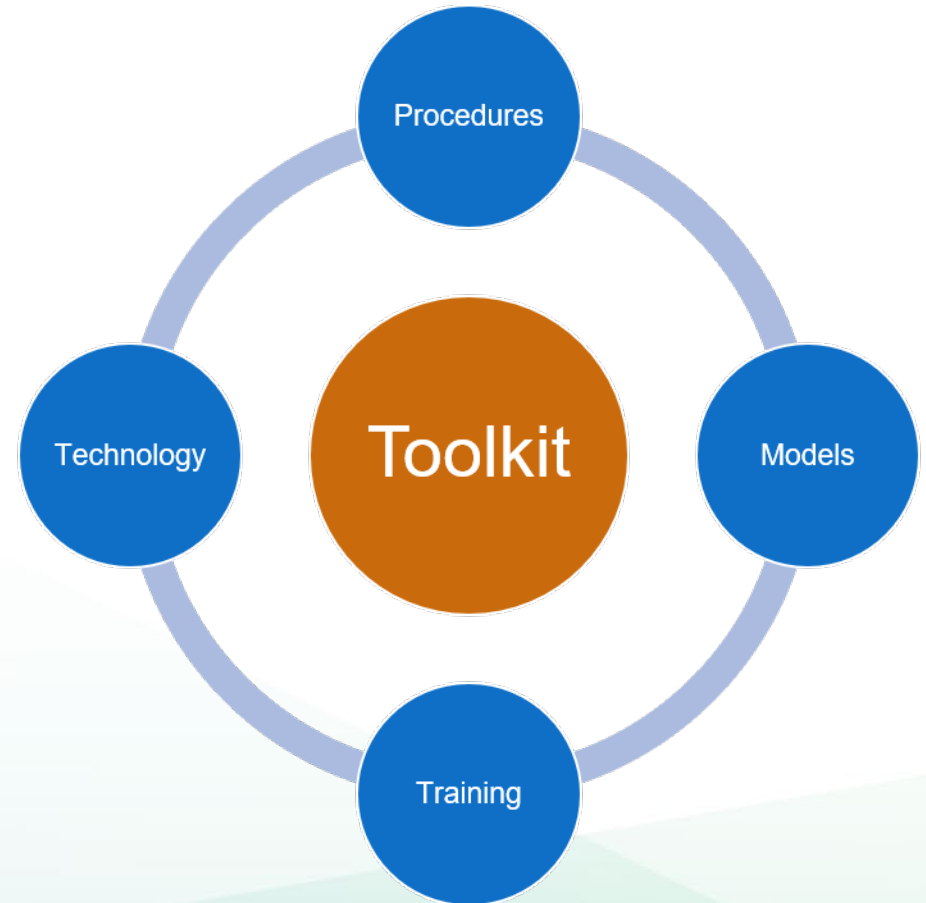


Source: <https://www.ddcoatings.co.uk/2515/what-is-pipeline-corrosion>



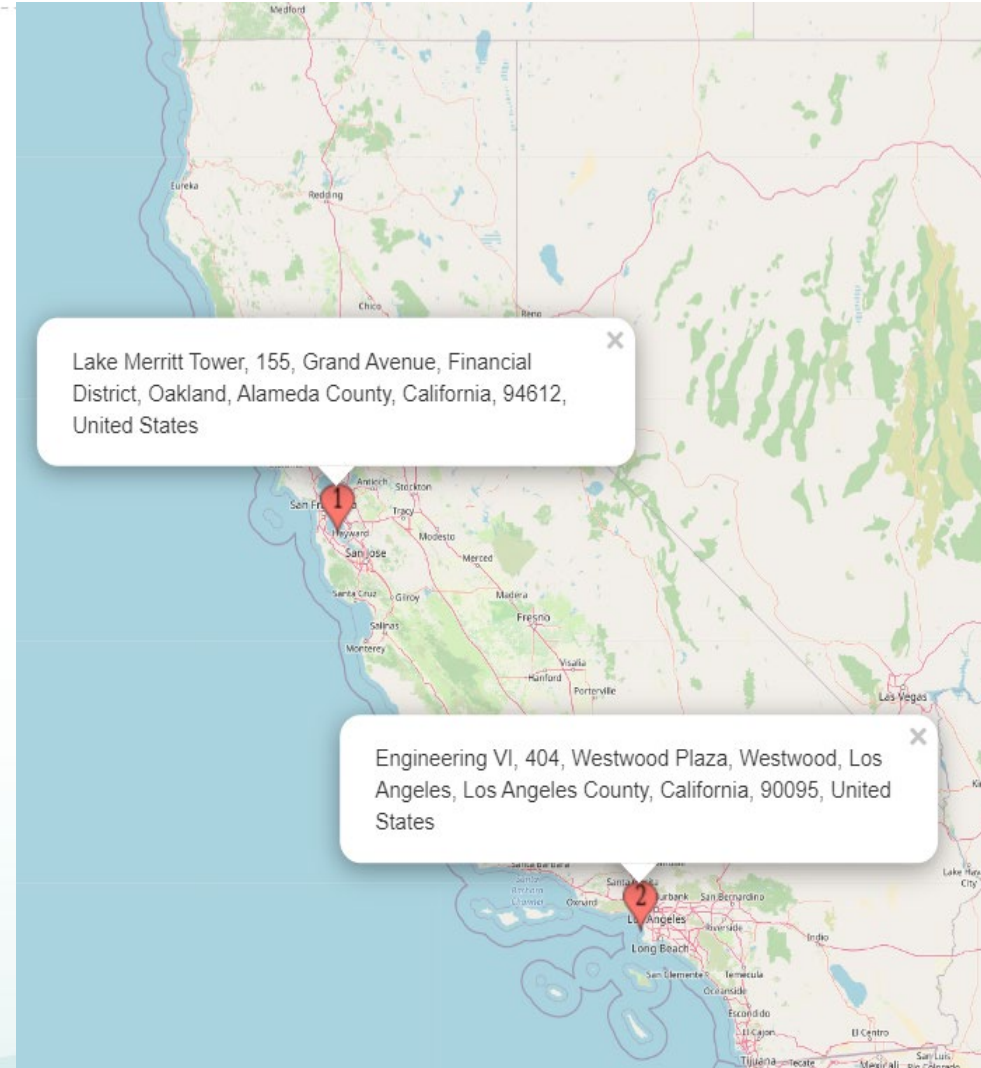
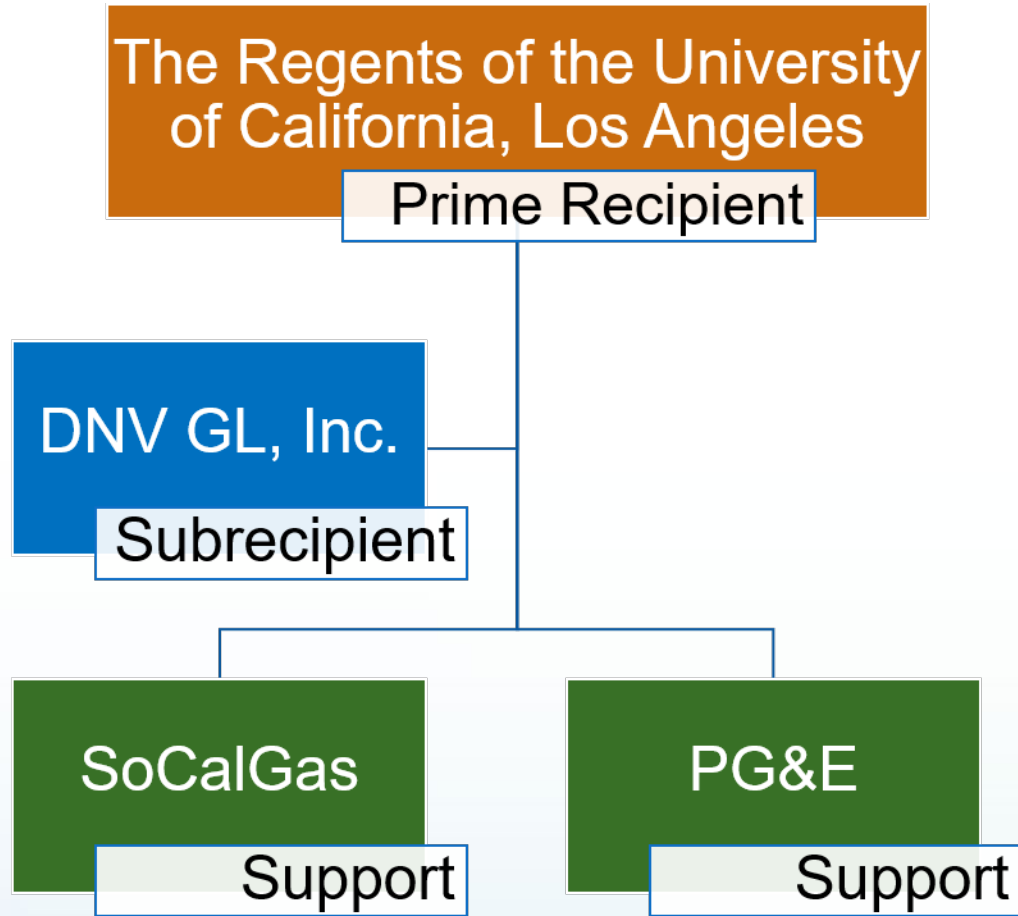
Objectives

- Integrate technologies, procedures, and models for detecting pipeline corrosion and predicting its growth.
- Develop software toolkit with training guidelines to help identify and mitigate corrosion risks more efficiently.
- Pilot toolkit in collaboration with partnering pipeline operators in CA.





Team





Staff Recommendation

- Approve grant agreement
- Adopt staff's determination that this action is exempt from CEQA