

ENHANCED SURFACE DURABILITY FOR COATINGS

FEBRUARY-MARCH 2021

PROBLEM STATEMENT

An effective coating is one that resists damage without significant alteration to visible appearance. Consequently, Sherwin Williams sought novel chemistries that could enhance surface durability across both water and oil-based coatings.

OUTCOME & RESULTS

This anonymous project generated 24 submissions from 21 unique respondents with one respondent submitting 4 different technologies. Respondents were primarily from the United States (roughly 2/3rd) with five other countries (Australia, Canada, China, Denmark, and India) comprising the remaining third.

Sherwin Williams identified two different US-based organizations (one academic and one private sector) for direct engagement following the project.

6

COUNTRIES

25%

TRL 3

29%

COMMERCIAL
PRODUCT
AVAILABLE

24

APPLICANTS

23%

STARTUPS

2

DIRECT
ENGAGEMENTS