

# MULTI-FUNCTIONAL COMPOUNDS FOR COATINGS

MARCH-APRIL 2021

## PROBLEM STATEMENT

In this project, Sherwin Williams sought chemicals and compounds for coatings formulations that play two distinct and different roles in the final product: chemicals that could provide some primary benefit, such as hardness or chemical resistance, while also delivering antibacterial or antimicrobial performance as a secondary benefit.

## OUTCOME & RESULTS

The Sprint generated a strong response from the innovation community with 15 submissions from 14 different organizations across eight different countries.

From the list of respondents, Sherwin Williams selected one respondent for direct engagement.

**27%**  
TRL 2

**1**  
DIRECT  
ENGAGEMENT

**47%**  
PROTOTYPE  
STATUS

**15**  
APPLICANTS

**8** COUNTRIES

**29%**  
STARTUPS

**43%**  
GOVERNMENT  
LABS OR  
ACADEMICS