

Reducing Carbon Through Innovative Technology

Leveraging Holcim's Digital Innovation To Reduce Carbon

NRMCA Concrete Innovations – October 18, 2023 Stephen Herald - Technical Services Manager, West Central Region - Holcim RMX US Kai Hilton – Ready Mix QC Lab Manager – Holcim RMX US



HOLCIM US: DRIVEN BY OUR PURPOSE BUILDING PROGRESS FOR PEOPLE AND THE PLANET

MAKING CITIES GREENER

from foundation to rooftop with low carbon solutions



EMPOWERING SOCIETY WITH SMARTER INFRASTRUCTURE

from green mobility and renewable energy to essential sanitation

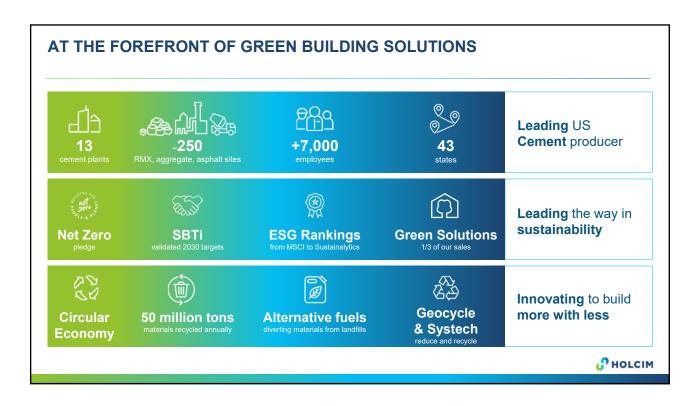


IMPROVING LIVING STANDARDS FOR ALL

with affordable and sustainable solutions

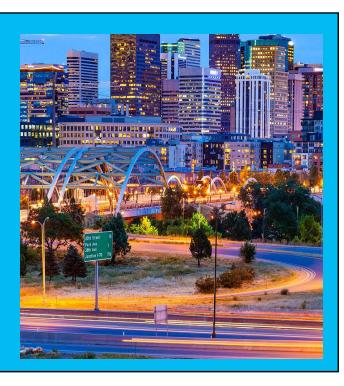


🕜 HOLCIM





SMARTFLOW -SUCCESS IN COLORADO



CONCRETE PUMPING PREDICTION TOOL - SMARTFLOW

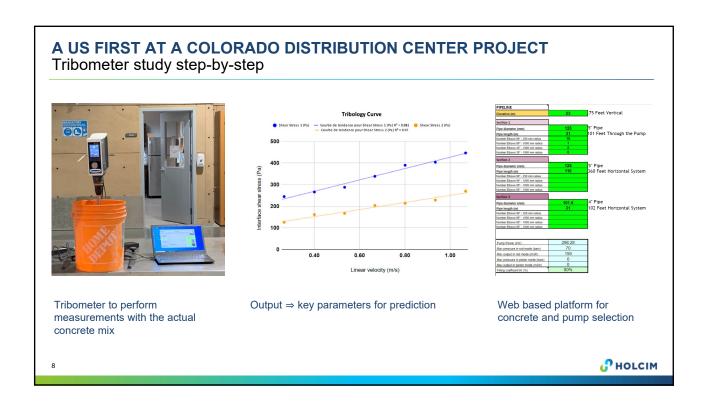
Long distance, vertical and horizontal pumping simulation

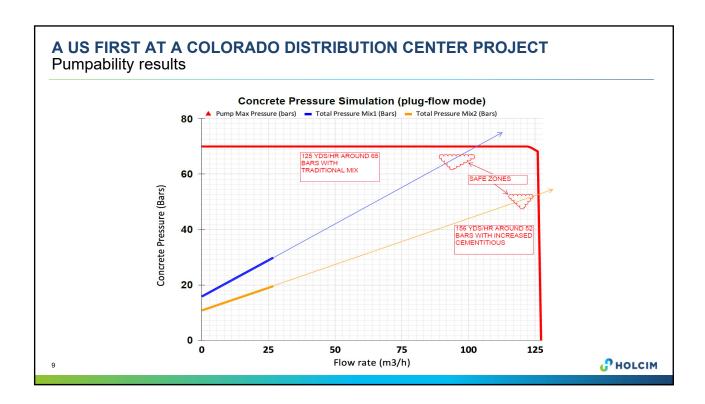


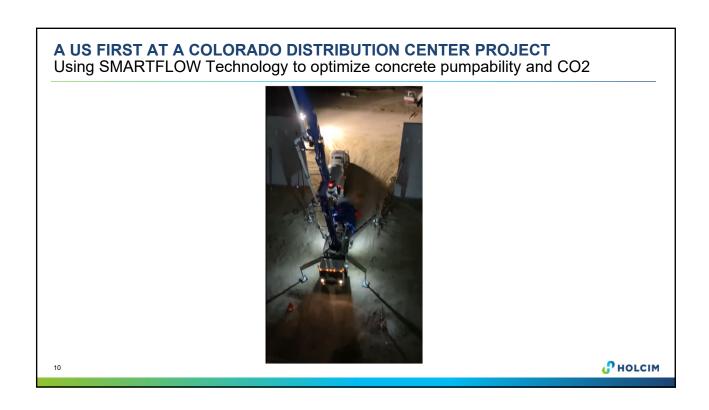
- →Ensure pumping feasibility in complex situations
- → Assist in selection of the most suitable pump
- →Optimize mix design to reduce pump pressure and GWP
- →Typical segments: High Rise & Infrastructure

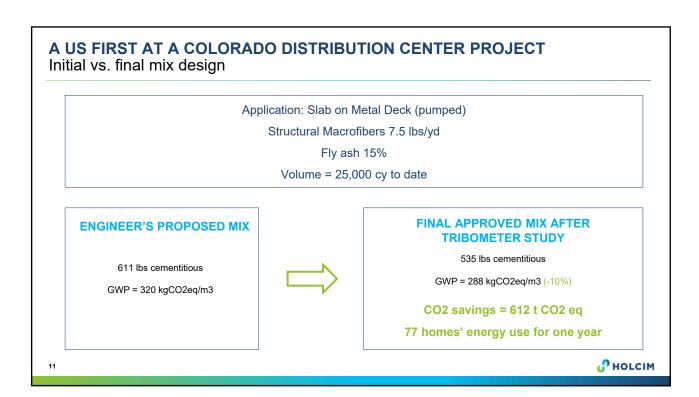
HOLCIM

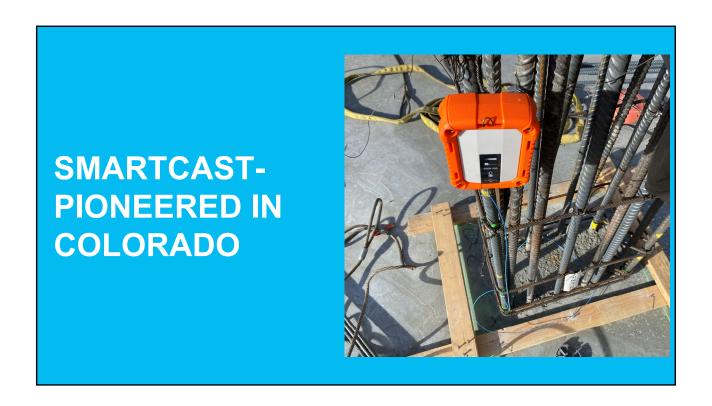












CONCRETE STRENGTH PREDICTION TOOL - SMARTCAST

Concrete Strength and Temperature Monitoring Service



- → Utilizing current and next generation tech to accurately predict in-situ strength
- → Critical when utilizing low carbon mix designs
- →Eliminates human error when evaluating mix performance
- → Typical segments: High Rise & Infrastructure





2023 Concrete Innovations www.concreteinnovations.com

