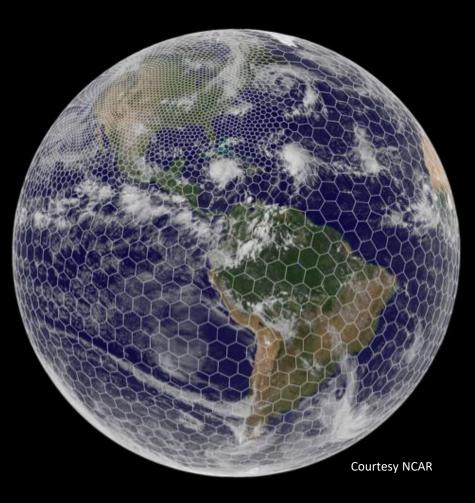
The Global high-Resolution Atmospheric Forecast (GRAF) System: Advancing NWP through Strategic Partnerships

Kevin R. Petty, Ph.D. Director of Science and Forecast Operations The Weather Company/IBM



WMO OCP May 2021

GOALS AND CONSIDERATIONS

Remain at the forefront of weather forecasting science and technology

Advance the TWC/IBM forecast stack, with a focus on global, convective-allowing, rapidly-updating NWP

Generate measurable, operational results on a relatively short time horizon (i.e., < 2years)

Ensure initial investments result in sustainable, longterm capabilities that can be continually improved

Leverage trusted, capable partners that have wellaligned objectives



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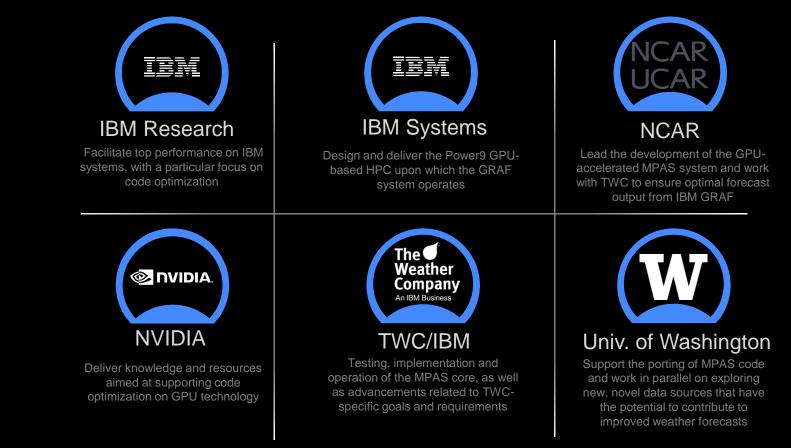
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The Weather Company, an IBM Business / May 26, 2021 / © 2021 IBM Corporation

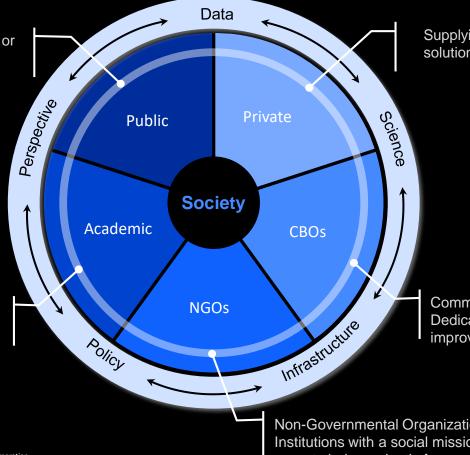
KEY PARTNERS IN THE OPERATIONAL IMPLEMENTATION OF GRAF



GLOBAL WEATHER ENTERPRISE

Delivering public programs, goods, or services (national, state, local)

Provide core education and research elements



Supplying products, services, and solutions targeting B2B and B2C markets

Community-Based Organizations: Dedicated to working at a local level to improve life for residents.

Non-Governmental Organizations: Institutions with a social mission, which operate independently from government



Strategic partnerships are an effective and efficient way of achieving goals and objectives, particularly on compressed timescales

Engaging the right partners is essential in any endeavor; efforts should not be made to force fit

Partnerships should be built around a common goal; however, the motivation of each partner may be slightly different and that is OK

Strong partnerships can potentially open the door to other collaborative opportunities

