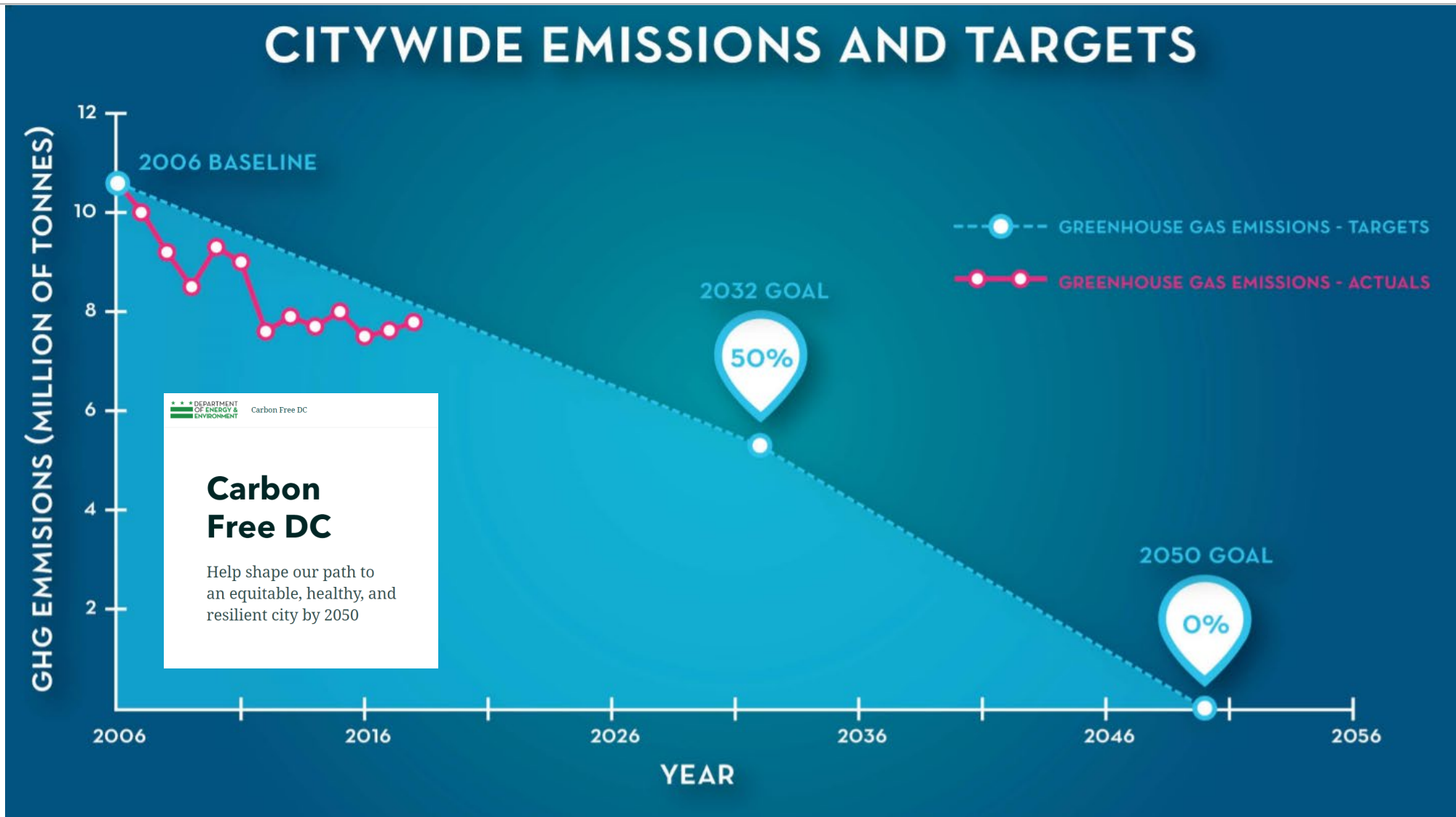




Next Green Workforce

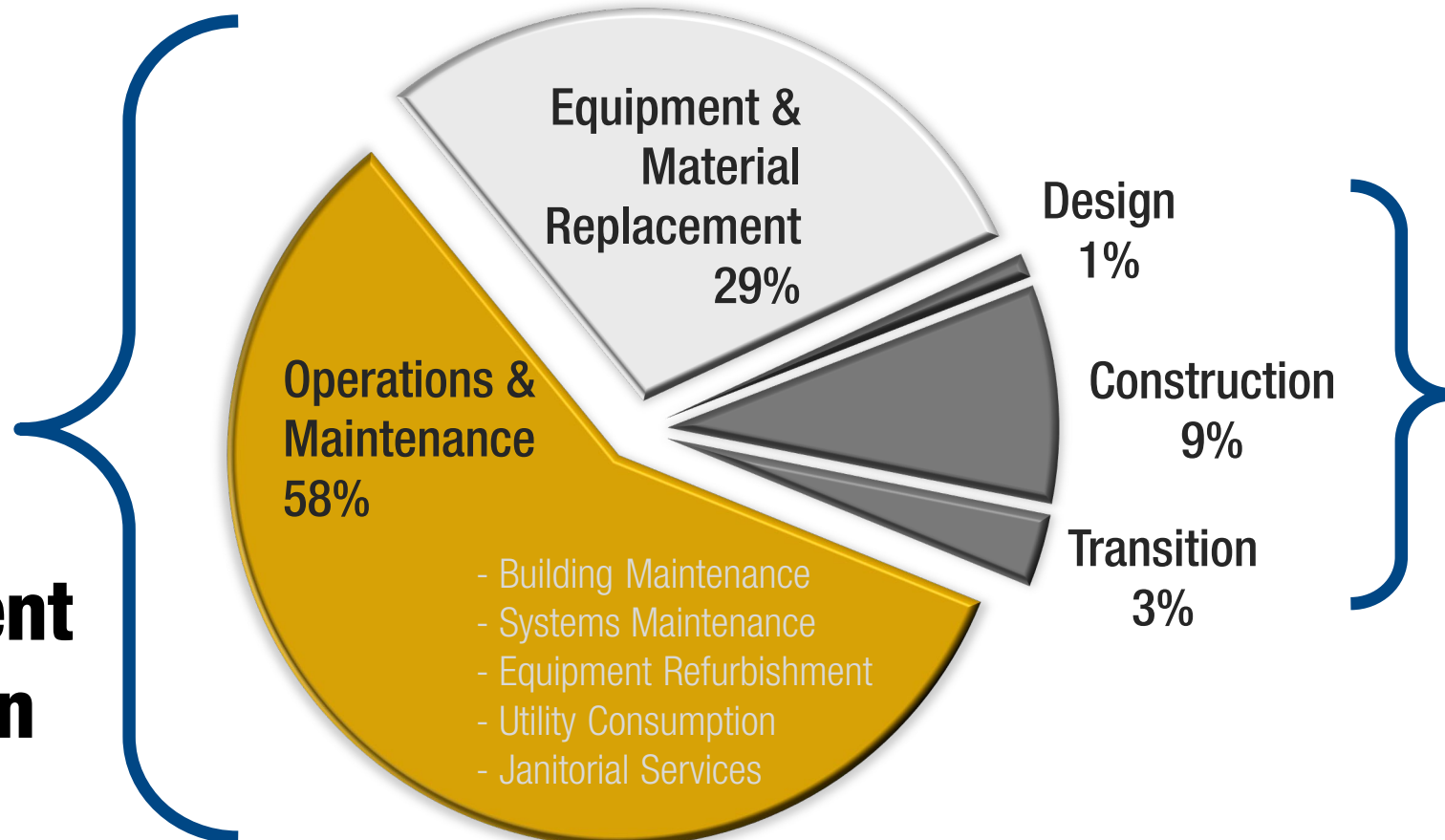
Fernando Arias, Assoc. AIA, LEED AP BD+C, Director of Sustainability, Clark Construction Group

Challenge: Carbon Free DC 2050



Issue: True Cost of Ownership

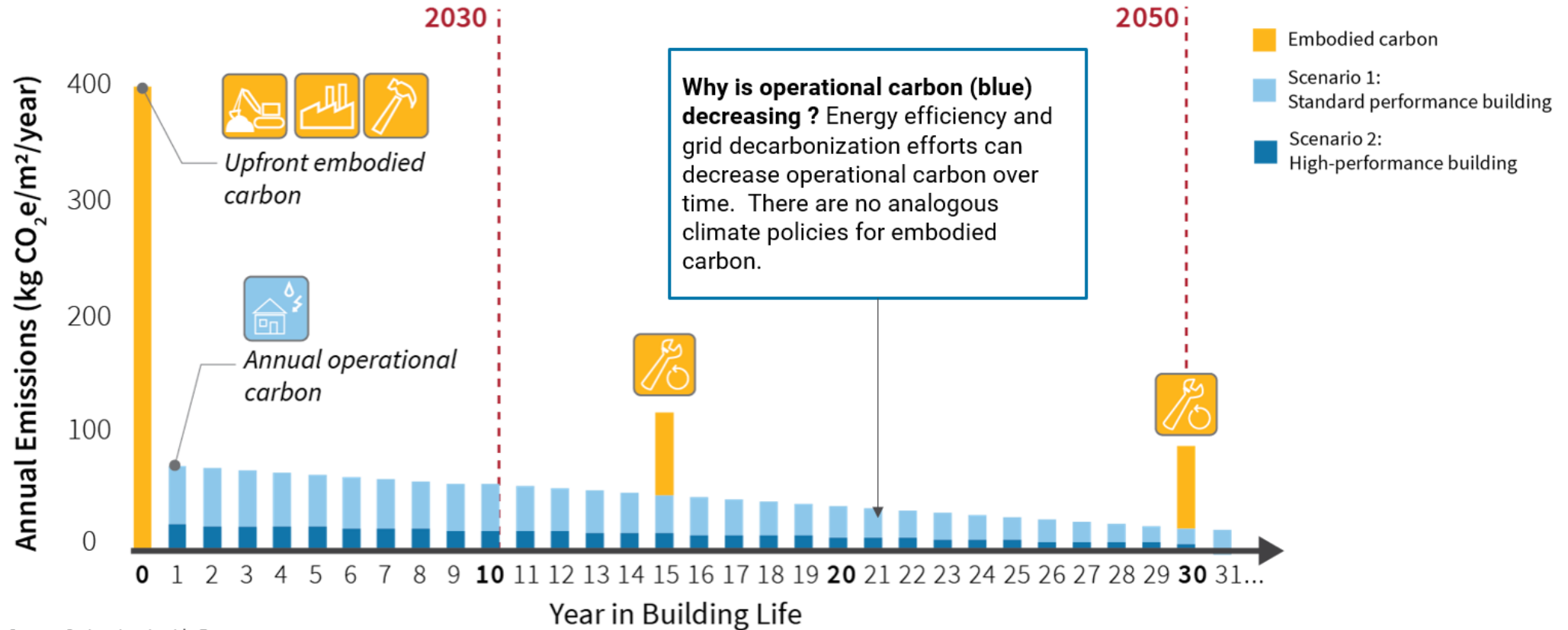
87%
Life Cycle Costs:
**Facility Investment
Post-Construction**



13%
**First
Costs**

Source: July 2010 Healthcare BIM Consortium, An Organization consisting of Department of Defense Military Health System (DoD MHS), Department of Veterans Affairs (DVA), Kaiser Permanente (KP), and Sutter Health, representing \$26B of healthcare construction.

Issue: Reducing Embodied Carbon



Source: Carbon Leadership Forum, 2020

Image Source: Carbon Leadership Forum, 2020

Prepared for:



Embodied Energy Task Group Recommendations, January 28, 2021

Opportunity: Decarbonization of Buildings



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ENERGY MONITOR

Americas

Here's how Joe Biden can decarbonise US buildings

US President Joe Biden wants to halve the carbon footprint of US buildings by 2035. Working across federal agencies, here is a road map to get it done.

By **Justin Gerdes** 29 Mar 2021 (Last Updated 30 Mar 2021)

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The New York Times

Biden Team Prepares \$3 Trillion in New Spending for the Economy

A pair of proposals would invest in infrastructure, education, work force development and fighting climate change, with the aim of making the economy more productive.

f t e r b 915

By **Jim Tankersley**

Published March 22, 2021 Updated March 25, 2021

WASHINGTON — [President Biden's](#) economic advisers are pulling together a sweeping \$3 trillion package to boost the economy, reduce carbon emissions and narrow economic inequality, beginning with a [giant infrastructure plan](#) that may be financed in part through tax increases on corporations and the rich.

Opportunity: Jobs + Economic Growth



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October 14, 2019

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CLASS IS IN SESSION FOR 190 SMALL BUSINESSES OWNERS ENROLLED IN CLARK CONSTRUCTION'S 2019-2020 STRATEGIC PARTNERSHIP PROGRAM

Critical Obstacle:

Regarding **Buildings and Construction**, to achieve Washington D.C.'s 2050 **Carbon & Equity** goals, the most critical obstacle for the **buildings industry** to overcome is **bridging the decarbonization skills gap.**