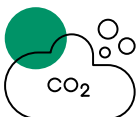


DON'T WAIT UNTIL 2030: ACHIEVE NET ZERO ENERGY NOW

Did you know that Architecture 2030, the organization that inspired the AIA's 2030 Commitment, has accelerated the timeline of the 2030 challenge to 2021? The shortened timeframe calls for all new buildings to be carbon neutral now. Recent climate research shows that we are quickly approaching the lower threshold of the 1.5°C target warming limit set by the Paris Agreement.

Staying within that threshold, as opposed to the 2°C limit initially set by the agreement, can significantly reduce exposure to extreme heat, and the risk of hunger and inadequate water supply. But, in order to keep within the 1.5°C limit, change can't wait for the building industry.¹



OVERVIEW OF THE NETZERO BUILDING PLATFORM

- **HEALTHIER FOR OCCUPANTS:** The mechanical ventilation system uses 100% outside air, reducing the prevalence of allergies, asthma symptoms, and viral transmission.
- **DELIVERED MORE QUICKLY:** Prefabrication allows for a more efficient construction process, reducing the schedule by 20-30% on average.
- **ADAPTABLE FOR THE FUTURE:** Because the radiant base system never changes, the only part of the HVAC system that needs to be adjusted are the supply air ducts.
- **NET ZERO ENERGY READY:** By drastically reducing the building's energy consumption, the NetZero Platform allows you to focus on reducing energy use within the space.

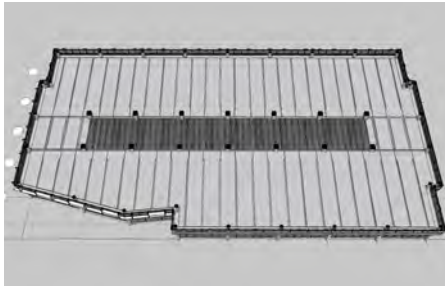
CARBON NEUTRALITY ALONE ISN'T ENOUGH

To truly prepare for a more sustainable future, many environmental advocates are looking beyond carbon neutrality, and calling for all new buildings to be net zero energy (NZE). NZE buildings only use the same amount of energy they generate, meaning no carbon needs to be captured or offset. Fortunately, there's already a cost-effective, turnkey solution that allows forward-thinking project owners to start creating NZE-ready buildings today.

THE CHALLENGE IS PRESSING. AND THE SOLUTION IS ALREADY HERE.

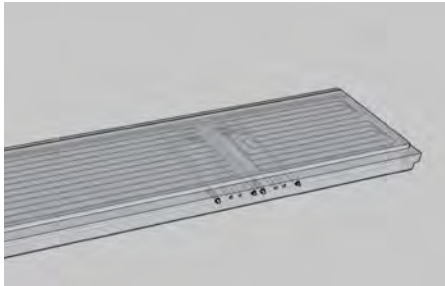
The NetZERO Building Platform from Clark Pacific helps you meet the 2030 Challenge by combining up to three major building systems – structural, mechanical, and facade – into a single solution to deliver the highest performance at a low cost. It's an all-in-one solution that allows you to improve occupant wellness and decrease energy consumption without sacrificing your budget or design flexibility.

PREFABRICATED BUILDING FRAME



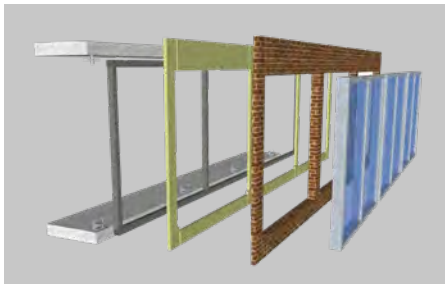
We have optimized the NetZERO Building Platform by decreasing the amount of concrete used in the system, drastically reducing the overall system's embodied carbon.

THERMALLY ACTIVE FLOOR SYSTEM



Our prefabricated radiant floor system leverages the perfect balance of thermal mass, energy efficiency, and program flexibility into a cost effective, healthy building solution.

INFINITE FACADE™



Infinite Facade is an integrated pre-insulated building envelope solution with design flexibility. The NetZERO Building Platform supports curtain wall and rain screen systems as well.

BENEFITS BY THE NUMBERS

**CUT ENERGY
CONSUMPTION BY**

30%

with the NetZERO Building Platform's mechanical system, uses half the energy of leading all electric systems.

**LOWER OPERATING
COSTS BY**

20%

when used in conjunction with the Infinite Facade.

**REDUCE WHOLE
LIFE CARBON BY**

40%

by reducing concrete volume and the amount of heating and cooling equipment the building requires.²

**INCREASE OCCUPANT
COMFORT BY**

50%

with the radiant solution, which is associated with higher thermal satisfaction compared to other systems.³

**THE NETZERO BUILDING
PLATFORM OFFERS EVERYTHING
YOU NEED TO BE ZERO ENERGY
READY TODAY – AND PREPARED
TO EVOLVE IN THE FUTURE.**

ABOUT CLARK PACIFIC

Clark Pacific is a leading manufacturer of prefabricated building systems that transform design and construction by delivering high quality, cost effective buildings with less risk.

The company is paving the way for prefabrication as a smarter, safer and more efficient way to bring great designs to life. Clark Pacific collaborates with construction owners and design-build teams to develop and deliver prefabricated building systems for commercial and institutional projects of any size and complexity.



Build different. Achieve more.

clarkpacific.com

SOURCES:

1. <https://architecture2030.org/accelerating-the-2030-challenge-to-2021/>
2. <https://info.clarkpacific.com/resources/integralstudy>
3. <https://escholarship.org/uc/item/3nh8q2bk>



To learn more about the NetZERO Building Platform, visit our website, or get in touch with us today:

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