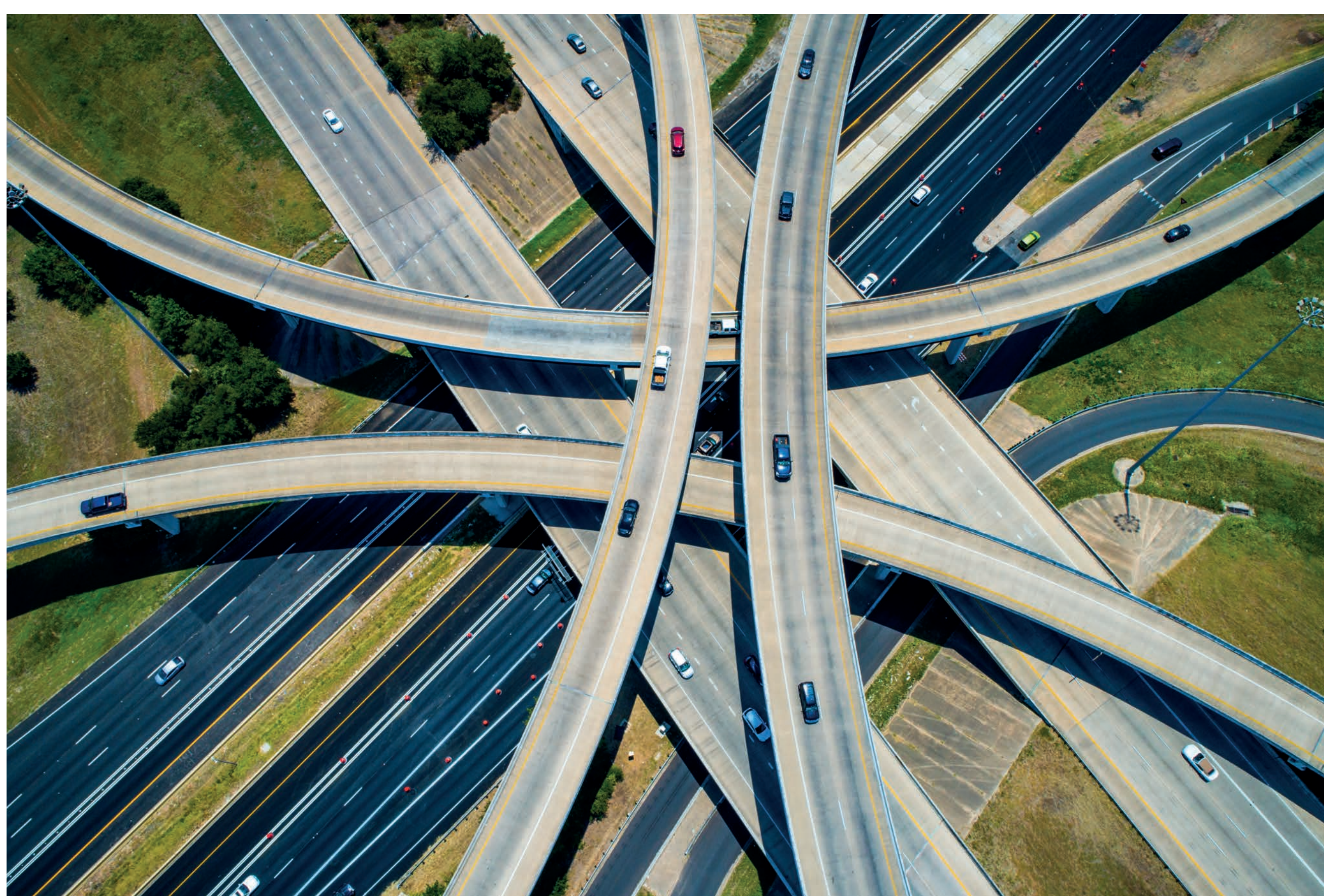


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Concrete is essential for  
**constructing infrastructure,**  
like houses and buildings,  
roads and bridges, airports  
and harbors.

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Mopac Expressway and Highway 183 interchange, United States.

© Roschetzky / iStock



Pedestrians walk on the Millennium Bridge with views of St. Pauls, London, England, United Kingdom.

© Ian Teh / Panos Pictures

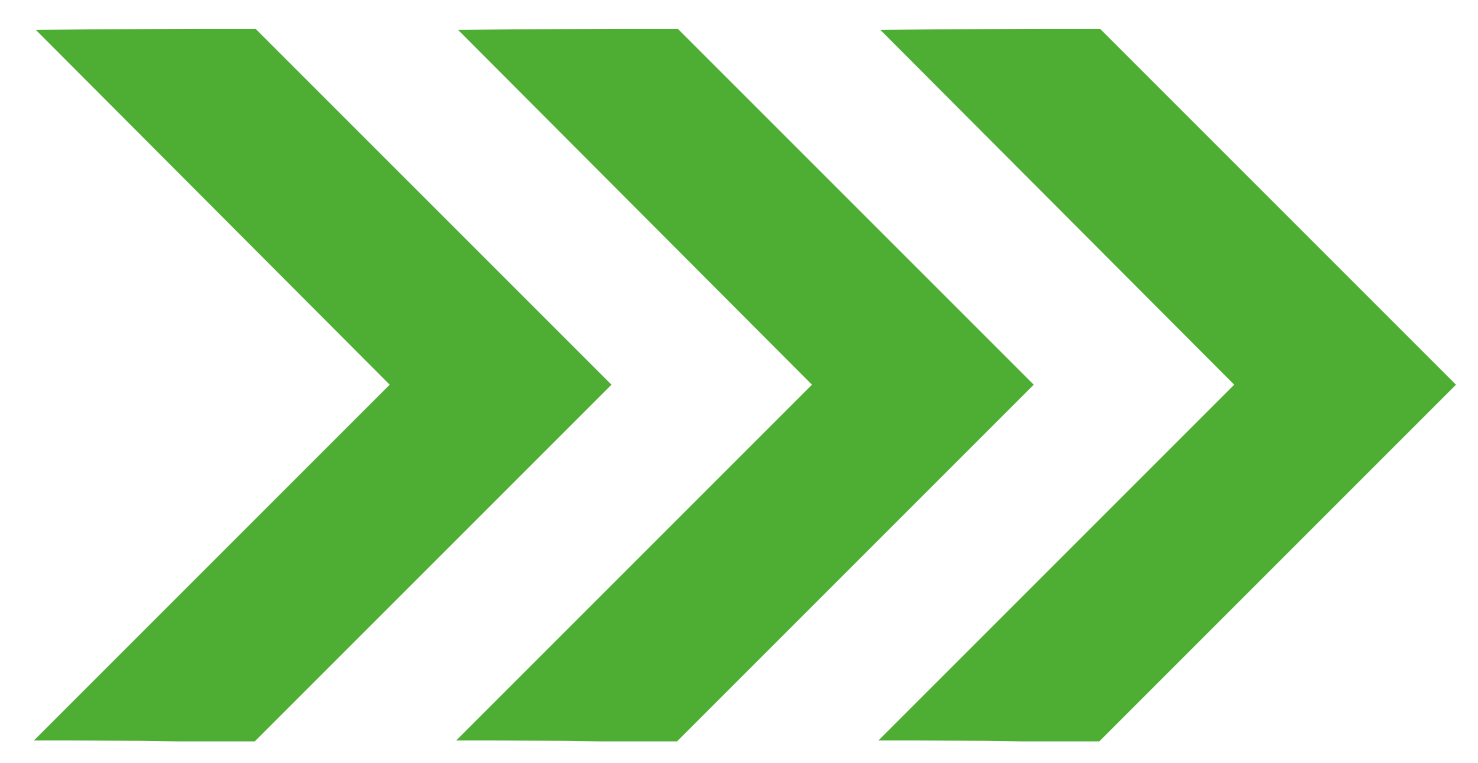




Plaza de la Constitución, Mexico City.

© Adobe Stock





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Concrete has always been  
and continues to be a key  
player to the **development  
and functioning** of modern  
societies.

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Colegio de Mexico Teodoro Gonzalez de Leon - Abraham Zabudovsky  
1975-1976, Mexico City.

© Julius Shulman



Metro Línea 1, 1970.

© Fondo Colección ICA, Acervo Histórico Fundación ICA

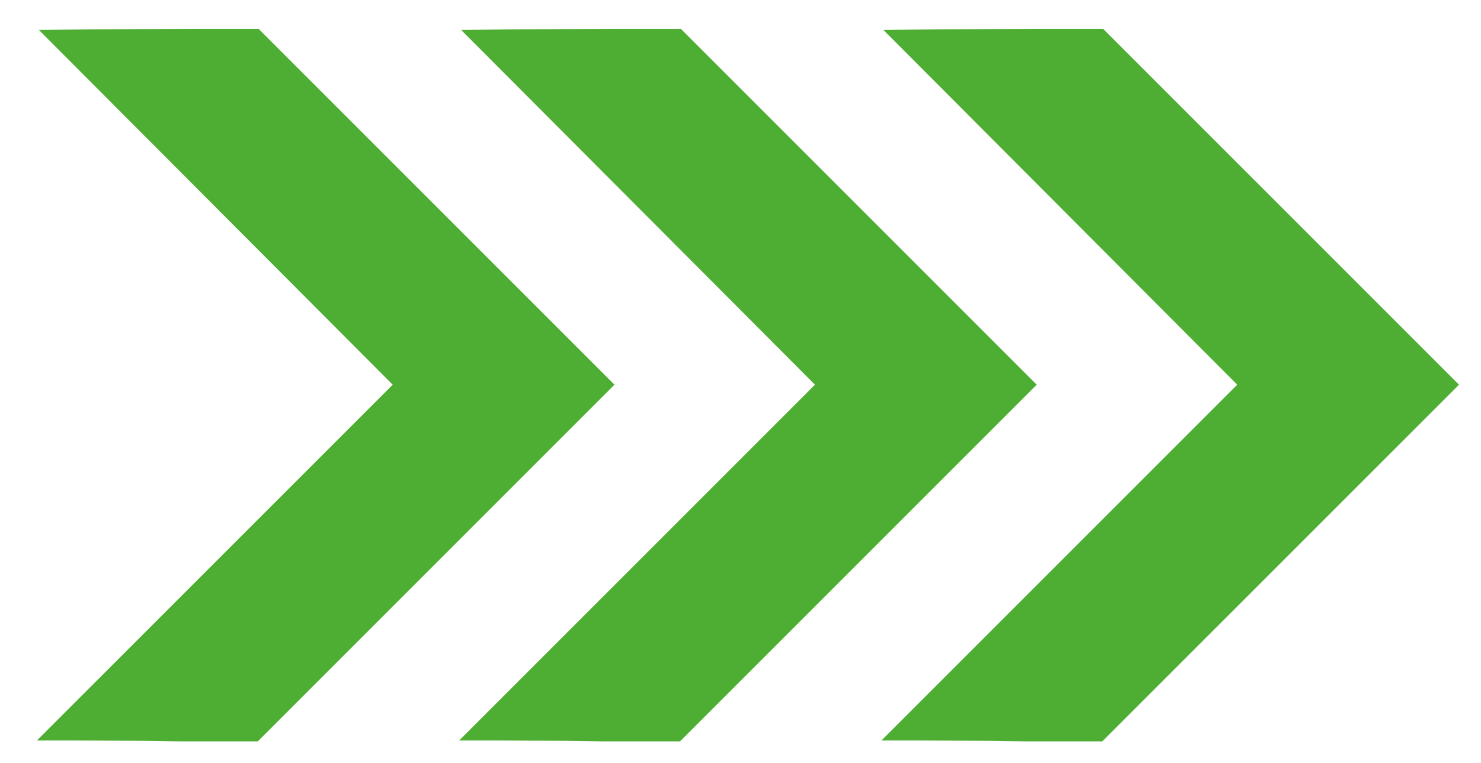




Estación del Metro San Lázaro, 1970.

© Fondo Colección ICA, Acervo Histórico Fundación ICA





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Concrete is **extremely strong** making it an essential material for viaducts and tunnels, and energy infrastructure like dams.

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Central Hidroeléctrica Luis Donaldo Colosio, 1995.

© Fondo Colección ICA, Acervo Histórico Fundación ICA



Túnel Emisor Oriente, 2018.

© Fondo Colección ICA, Acervo Histórico Fundación ICA





Puente Mezcala, 1995.

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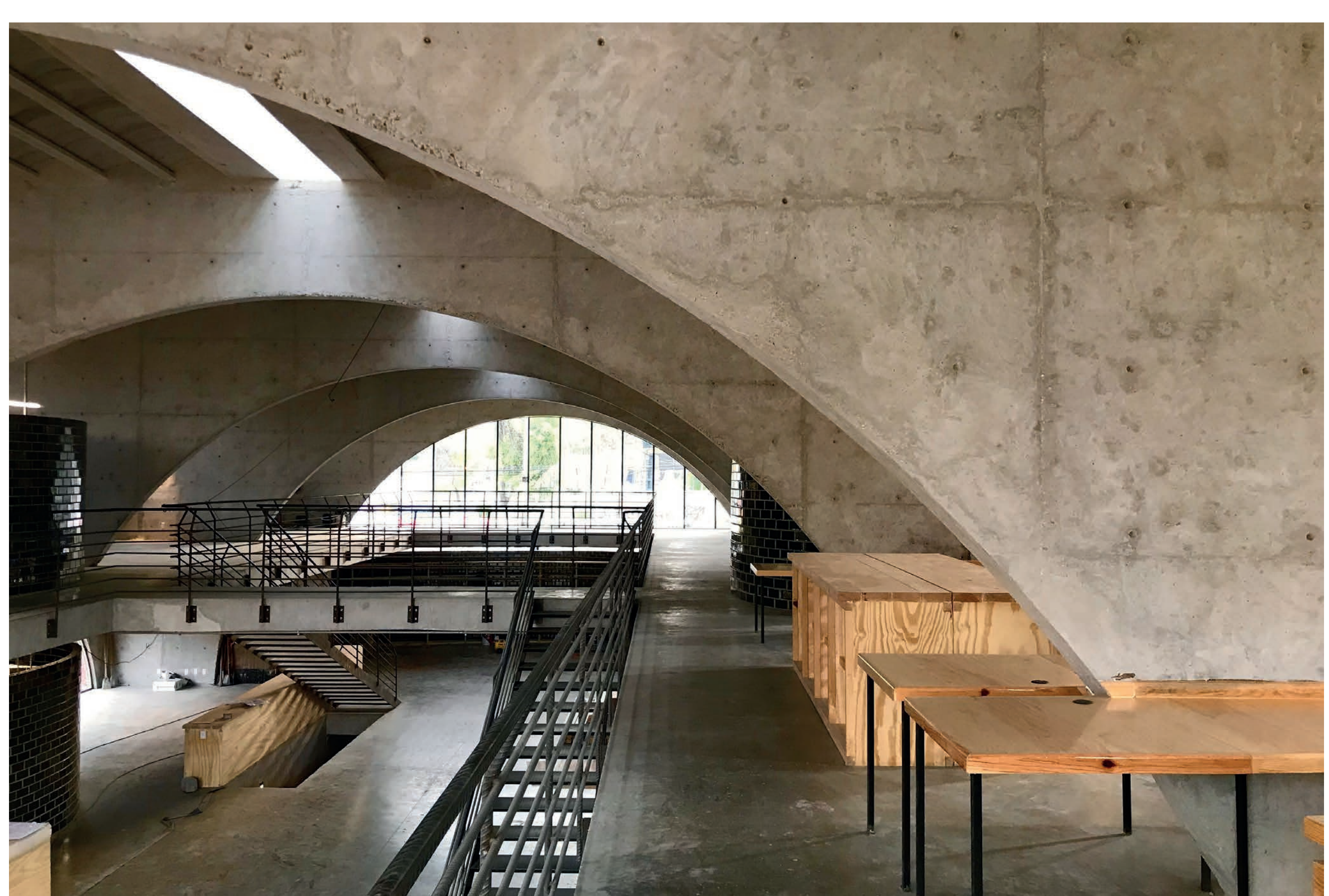
Concrete is highly  
**fire-resistant** and does  
not burn. It can help  
contain fires and prevent  
their spread, providing  
additional safety in  
buildings.

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Archivo General del Estado de Oaxaca, de Ignacio Medaro Corsini,  
2014-2016, Oaxaca.

© Elena Marini Silvestri



Pilares La Pulga, de Taller de Arquitectura X - Alberto Kalach, 2020,  
Ciudad de México.

© Josué Mejía

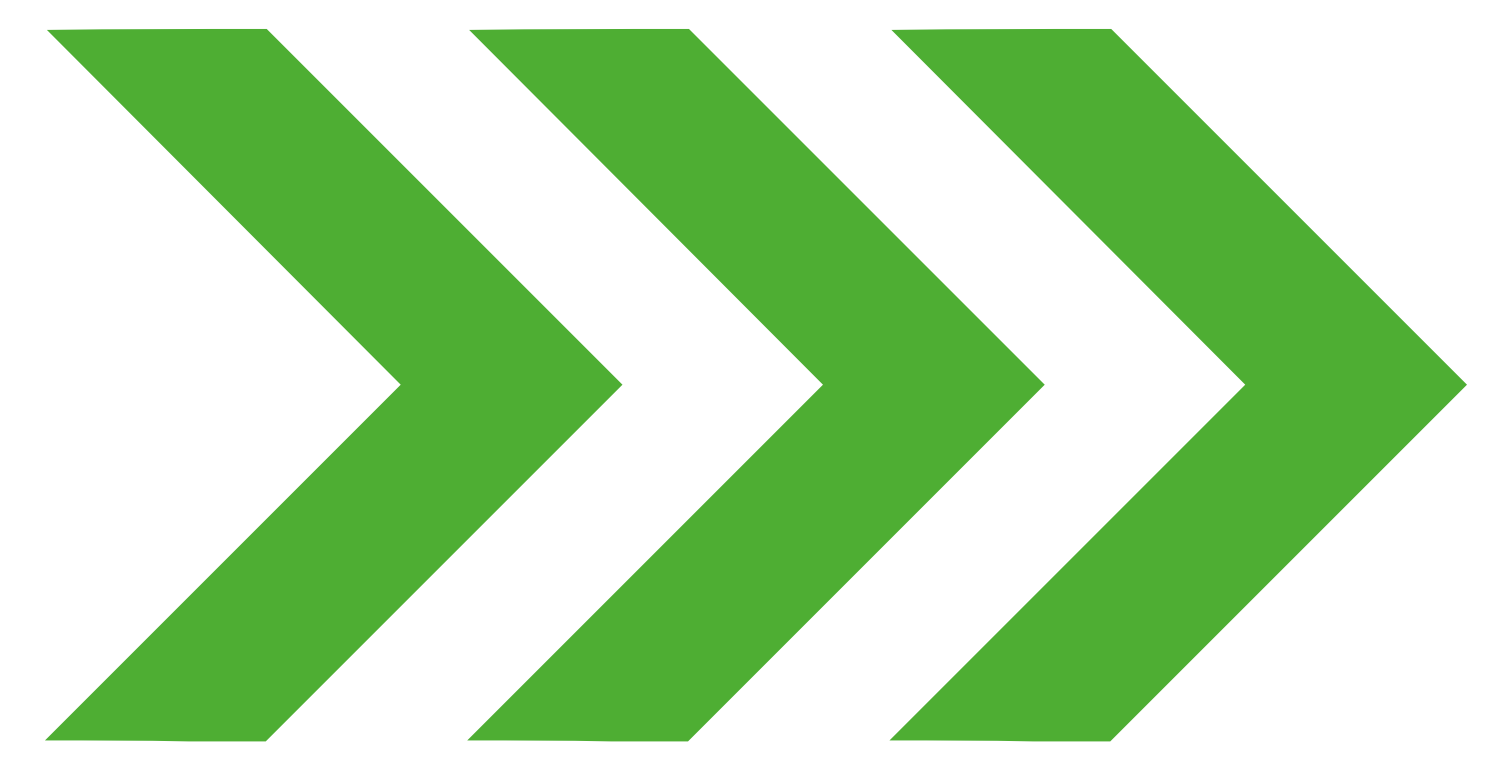




Archivo General del Estado de Oaxaca, de Ignacio Medaro Corsini,  
2014-2016, Oaxaca.

© Elena Marini Silvestri





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Concrete can store and release thermal energy which helps regulate building temperatures. This can lead to **reduced energy consumption** for heating and cooling.

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Modern residential buildings in the city, Germany.

© iStock



Aerial view of solar panels on factory roof, China.

© iStock





Urban building terrace, Singapore city.  
© iStock





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Concrete requires  
minimal maintenance  
and can be **recycled**.

Demolished concrete  
structures can be crushed  
and reused to make  
new concrete.

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Concrete for Modernization of the oldest Metro,  
Line 1 in Mexico, 2022/2023.

© Public Transportation System



A demolition site.

© Adobe Stock





Demolition hammer and broken concrete pieces.

© iStock