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## How Do We Finance Low-Carbon Infrastructure?

**Editor's Note:** This blog draws from the new working paper, "Blending climate funds to finance low-carbon, climate-resilient infrastructure," which can be downloaded [here](#).

### **INFRASTRUCTURE AND CLIMATE CHANGE**

The world's core infrastructure—including our transport and energy systems, buildings, industry, and land-related activities—produce more than 60 percent of all greenhouse gas (GHG) emissions globally. At the same time, the world has significant infrastructure needs. From 2015-2030, approximately \$90 trillion of infrastructure investment is needed, a doubling of the global capital stock.

Yet, unless the new infrastructure is low-carbon and climate resilient (LCR), the world will be locked into a high-carbon pathway and will miss the Paris Agreement's goal of keeping the global average temperature increase well below 2 degrees Celsius by 2050. LCR infrastructure includes renewable energy, mass transit, and energy efficiency.

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### **The Brookings Institute**

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