

**ALERT**

# Biden Administration Introduces Build Back Better Act, Providing Significant Funding for Clean Energy and Climate Initiatives

November 1, 2021

On October 28, 2021, President Joe Biden announced a new framework for his Build Back Better legislation, which provides funding for a wide array of programs, including education, labor, child care, health care, tax, immigration, and environmental policies. The bill proposes approximately \$1.75 trillion in new spending, more than \$550 billion of which would be dedicated to investments in clean energy and other climate initiatives.

The Biden Administration has characterized the legislation as the “largest effort to combat climate change in American history.” The White House also states that the legislation will ensure that clean energy technology will be built in the “United States with American made steel and other materials” and will “boost the competitiveness of existing industries, like steel, cement, and aluminum, through grants, loan, tax credits, and procurement to drive capital investment in the decarbonization and revitalization of American manufacturing.”

The Build Back Better Act was first introduced in the U.S. House of Representatives on September 27, 2021. The current iteration of the bill was developed in conjunction with Senate Democrats, specifically Senators Krysten Sinema (D-AZ) and Joe Manchin (D-WV), who had previously opposed aspects of the plan. The bill text and a section-by-section summary of the legislation are available online.

The proposed legislation provides significant funding for a variety of clean energy and climate programs. Key provisions are summarized below.

## Authors

Timothy C. Brightbill  
Partner  
202.719.3138  
tbrightbill@wiley.law  
Laura El-Sabaawi  
Partner  
202.719.7042  
lel-sabaawi@wiley.law  
Christopher B. Weld  
Partner  
202.719.4651  
cweld@wiley.law  
Theodore P. Brackemyre  
Associate  
202.719.7289  
tbrackemyre@wiley.law

## Practice Areas

Climate Change  
Environment & Product Regulation  
International Trade

- **Green Energy**

- **Renewable Electricity**: The Build Back Better Act funds numerous initiatives aimed at renewable electricity and reducing the country's carbon footprint. For example, the bill extends and modifies the production tax credit for electricity produced from renewable sources. Specifically, the credits for wind and solar energy are extended through 2026. The legislation also extends the corresponding investment tax credit, which provides credits for certain clean energy investments. Qualifying investments include solar, wind, and geothermal energy projects, as well as energy storage technologies, biogas converters, dynamic glass, linear generators, and microgrid controllers. Enhanced incentives are also provided for solar and wind facilities servicing low-income communities. Additionally, the bill extends the tax credit for carbon monoxide and carbon dioxide capture and sequestration facilities, and it provides a tax credit for electricity production from qualified nuclear power facilities.
- **Advanced Manufacturing Credits**: The legislation creates production and investment tax credits for certain advanced manufacturing facilities and products, which include solar polysilicon, wafers, cells, and modules, as well as wind blades, nacelles, towers, and offshore foundations. The bill also revives the advanced energy project tax credit, allocating up to an additional \$5 billion annually for projects that reduce greenhouse gas emissions in manufacturing facilities by at least 20%.
- **Renewable Fuels**: The proposed legislation extends incentives for biodiesel, renewable diesel, and other alternative fuels, and it introduces a sustainable aviation fuel credit. The plan further creates a tax credit for the production of clean hydrogen. The bill also contains a clean fuel production tax credit that creates a technology-neutral incentive for the domestic production of clean fuels.
- **Offshore Wind**: The bill directs the U.S. Department of the Interior to increase offshore wind lease sales in federal waters.
- **Energy Efficiency**: The plan contains various provisions supporting clean energy programs, such as: (1) more than \$6 billion for home energy efficiency retrofits and more than \$6 billion for high-efficiency electric home projects, (2) \$3 billion for loans concerning the development of the advanced technology vehicles (e.g., trains, ships, aircraft, and hyperloop technology), (3) \$3.5 billion for domestic manufacturing conversion grants for the domestic production of electric and hydrogen vehicles and components, (4) \$5 billion for low-carbon reinvestments in energy communities, (5) \$2 billion for constructing new high-capacity electricity transmission lines, and (6) \$4 billion for installing advanced industrial technology at energy-intensive industrial and manufacturing facilities. The proposal also provides various tax credits for individuals and commercial businesses for making energy efficiency improvements.
- **Clean Air**: The proposed legislation includes several provisions aimed at reducing air pollution, including: (1) \$3.5 billion for grants to reduce air pollution at ports, (2) \$5 billion for clean heavy-duty vehicles, (3) \$29 billion for the development of low- and zero-emissions technologies, and (4) \$5 billion for greenhouse gas reduction grants.

- **Lead Pipe Remediation**: The bill provides \$9 billion for lead remediation projects, including lead service line replacement funding.
- **Environmental Justice**: The plan provides \$3 billion for investments in community-led projects to address disproportionate environmental and public health harms related to pollution and climate change. It also includes \$1 billion annually for environmental justice higher education programs.

In addition to the new Build Back Better proposal from the Biden Administration, the U.S. Senate has already passed the bipartisan Infrastructure Investment and Jobs Act. The House has yet to vote on the Senate-passed infrastructure bill, which itself contains \$550 billion in spending, including funding for a variety of clean energy and climate change initiatives. The bill text and a summary of the Senate legislation are available online.

For more information, please contact any of the attorneys listed.