

# SUPPORT FOR THE CONCRETE AND ASPHALT INNOVATION ACT OF 2023

Senator Chris Coons (D-DE) | Senator Thom Tillis (R-NC)

"Biomason is excited to be at the leading edge in emissions reductions by pioneering innovative technologies in concrete production and appreciate Senators Tillis and Coons introducing this legislation." – **Biomason, Inc.**

"The *Concrete and Asphalt Innovation Act of 2023* would represent a win for the climate, for U.S. global competitiveness, and for workers. By pioneering new strategies for developing and procuring low-carbon cement and concrete, the legislation would accelerate the commercialization of transformational solutions, unlock financing to grow the U.S. clean industrial base, and create a pipeline of blue-collar jobs in the United States. Brimstone applauds Senators Coons and Tillis for introducing this critical and timely legislation." – **Simon Brandler, VP of Policy & Public Affairs, Brimstone**

"The *Concrete and Asphalt Innovation Act* is forward-thinking legislation that sets a clear path for the U.S. to lead in sustainable construction materials, demonstrating that responsible environmental practices can go hand in hand with industrial innovation. We applaud Sens. Coons (D-DE) and Tillis (R-NC) for their leadership in advancing practical policy solutions that help decarbonize the industrial sector." – **Michele Stockwell, President, Bipartisan Policy Center (BPC) Action**

"Tackling emissions from the industrial sector, including from concrete, cement, and asphalt, is critical to achieving U.S. climate goals while improving air quality and creating good jobs. Fortunately, we have tools at our disposal, like carbon capture and storage, that we can deploy to drastically reduce emissions from these hard-to-abate sectors. This legislation would also support research, development, and demonstration of additional innovative technologies which could avoid these emissions altogether and provide policies to incentivize the use of low-emissions cement, concrete, and asphalt. Clean Air Task Force applauds Senators Coons and Tillis for their leadership. This bill is an important step forward to decarbonizing the industrial sector." – **Evan Chapman, U.S. Federal Policy Director, Clean Air Task Force**

"Demand for lower emissions products is increasing across the globe, and the U.S. needs continued innovation to keep pace and ensure we are researching and deploying cutting-edge, innovative technologies to maintain a competitive advantage. The *Concrete and Asphalt Innovation Act* will accelerate industrial innovation and enable the United States to remain the global leader in industrial manufacturing while also lowering global emissions, creating jobs and

producing affordable products. We appreciate Sens. Tillis and Coons' bipartisan leadership to strengthen U.S. manufacturing and to lower emissions in the industrial sector by providing direction at DOE for the first dedicated RD&D program to decarbonize concrete and asphalt." – **Rich Powell, CEO, ClearPath Action**

"Concrete and asphalt make up the literal foundation of our modern economy but are responsible for significant greenhouse gas and other emissions. The bill will accelerate much needed research, development, and demonstration of low emissions cement and asphalt, and help put pieces in place to bring clean materials to market. These programs must be implemented carefully, with meaningful input from labor organizations and impacted communities, with the goal of maximizing climate and public health benefits." – **Christina Theodoridi, Policy Director for Industry, Natural Resources Defense Council**

"The *Concrete and Asphalt Innovation Act of 2023* signals a pivotal pathway for the built environment to significantly reduce greenhouse gas emissions. Incorporating codes and standards takes a holistic approach to driving change, and collaborating with various stakeholders ensures that this legislation is a catalyst for low-emissions cement, concrete, and asphalt transformation. This legislation can enhance the built environment's environmental profile and open avenues for cutting-edge research, development, and collaboration. It's a remarkable step forward, and I'm excited to witness its positive impact on our industry, economy, and planet." – **Webly Bowles, Associate Director of Codes and Policy, New Buildings Institute**

"The Portland Cement Association (PCA), which represents the majority of America's cement manufacturers, welcomes the introduction of Senators Coons and Tillis' *Concrete and Asphalt Innovation Act* and its intended goals of advancing industrial decarbonization in the cement, concrete, and asphalt sectors. The *Concrete and Asphalt Innovation Act* would accelerate additional research, development, and demonstration for cement through an increased partnership with the federal government. This proposed legislation is a critical step as PCA looks to scale the technologies necessary for our industry to reach carbon neutrality by 2050. PCA will continue to ensure the best interest of our members is represented and their decarbonization efforts are supported now and in the future. We look forward to continuing to work with the Senators on this legislation and similar efforts." – **Sean O'Neill, Senior Vice President of Government Affairs, the Portland Cement Association**

"RMI supports the *Concrete and Asphalt Innovation Act* that will strengthen and enhance the competitiveness of cement, concrete, asphalt binder, and asphalt mixture production in the United States. The cement and concrete industry emit ~2.6 GT of CO<sub>2</sub> each year, which is ~7-8% of global CO<sub>2</sub> emissions. To stay on a 1.5C-aligned pathway by 2030, U.S. will need many

plants with low-carbon technologies, including 33-45 plants with carbon capture technology. These changes require policy support and congressional leadership, like that of Senator Coons and Senator Tillis' bill, that accelerates the adoption of low-carbon cement and concrete.” – **Taylor Krause, Federal Policy Manager, RMI**

“The *Concrete and Asphalt Innovation Act of 2023* marks a major step forward in decarbonizing industry. On a bipartisan basis, Senators Coons and Tillis have identified that making low-emissions breakthroughs in the U.S. and deploying them at scale constitute a climate, economic, and foreign policy victory. Critically, the legislation harnesses the government’s massive purchasing power to create a market for clean concrete and asphalt. In doing so, the bill supercharges government support by signaling to lenders and investors that innovative companies deserve private capital.” – **Harry Manin, Deputy Legislative Director for Industrial Policy and Trade, the Sierra Club**

“We are grateful for the leadership from Senator Coons and Senator Tillis in supporting thoughtful policies that will not only drive the development of low-carbon cement, but also reduce unnecessary hurdles and help rapidly grow the industry. The *Concrete and Asphalt Innovation Act* is a critical step to decarbonizing cement production and it will help unleash American ingenuity, create thousands of good-paying jobs, and ensure American leadership in this crucial sector.” – **Dr. Russell Hill, CEO, Solidia Technologies, Inc.**

“If enacted, the *Concrete and Asphalt Innovation Act* will provide the markets the proof it needs to invest in factories to manufacture American low-carbon cement. We applaud Senator Coons and Senator Tillis for introducing legislation that gives the Department of Transportation the authority to enter into these advance purchase commitments, a signal that will accelerate the market for innovators and make future investment in their factories a low-risk bet for private lenders.” – **Erin Glabbets, Head of Communications, Sublime Systems**

“WRI applauds the introduction of the bipartisan *Concrete and Asphalt Innovation Act of 2023* by Senators Coons and Tillis. While the landmark climate legislation passed in 2022 is being implemented, the U.S. still requires further targeted funding for innovation in key heavy industrial sectors such as cement, concrete and asphalt to bolster our climate ambitions and achieve our net-zero targets. WRI is particularly pleased that this bill, which aims to promote technological innovation that would reduce emissions, increase U.S. competitiveness and create jobs, has bipartisan backing. This indicates that there is real potential in Congress to support a scaleup of industrial innovation and decarbonization. We look forward to continuing working with members of Congress who would champion such industrial climate policies.” – **Angela Anderson, Director Industrial Innovation and Carbon Removal, U.S. Climate, World Resources Institute**