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## Crs Report for Congress: Liquid Fuels from Coal, Natural Gas, and Biomass: Background and Policy: August 15, 2007 - RL34133 (Paperback)

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By Anthony Andrews

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.As the price of gasoline approaches the 1981 record high (adjusted for inflation), liquid transportation fuels synthesized from coal, natural gas, and biomass are proposed as one solution to reducing dependency on imported petroleum and strained refinery capacity. The technology to do so developed from processes that directly and indirectly convert coal into liquid fuel. Congress now faces decisions on whether, and to what extent, it should support such a solution. Lacking domestic petroleum resources, but abundant in coal, Germany built synthetic fuel plants during World War II that employed the Bergius coal hydrogenation process (direct liquefaction), and Fischer-Tropsch synthesis (indirect). The United States attempted to capitalize on the German experience after World War II. Despite considerable investment in synthetic fuel research and development, the United States cut support for commercialization when crude oil prices dropped and supplies stabilized in the mid-1980s. Since then, several synthetic fuels plants have been constructed around the world that convert coal, natural gas, or biomass to liquid fuels using the Fischer-Tropsch process. Several private ventures in the United States are now studying...



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