

C²P² – Partnership Innovation

John Glenn¹, John Sager¹, David C. Goss²

¹ US Environmental Protection Agency, 1200 Pennsylvania Avenue., NW (5306), Washington, DC 20460, ²American Coal Ash Association, 15200 E. Girard Ave., Suite 3050, Aurora, CO 80014-3955

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ABSTRACT

In January 2004, the Environmental Protection Agency (EPA) introduced the Coal Combustion Products Partnership, or “C²P².” This initiative is co-sponsored by the Department of Energy (DOE), the Federal Highway Administration (FHWA), the American Coal Ash Association (ACAA) and the Utility Solid Waste Activities Group (USWAG). C²P²'s purpose is to educate the public about the environmental benefits of using coal combustion byproducts, or “CCPs,” help identify actual or perceived barriers to increased use of CCPs and increase the demand for them rather than having them land filled. The use of CCPs conserves natural resources, reduces greenhouse gas emissions and eliminates the need for landfill space. C²P² is an out reach effort by the EPA and co-sponsors to make the general public, end users, contractors, specifiers and regulatory agencies more aware of the environmental, physical, technical and economic aspects of using CCPs.

Although focused initially on highway construction, C²P² is expanding to discuss building design and architectural applications. In 2004, the EPA published a booklet describing the environmental issues associated with CCPs. It contains broad background information on selected beneficial applications. Related workshops were conducted across the nation, which discussed C²P² in the context of using CCPs in concrete, structural fills and highway construction. Speakers from the FHWA, the concrete and ash industries and other organizations discussed the use of CCPs as a sustainable product, one that can increase design performance and a material with physical and economic benefits.

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