

National Strategies and Programs

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Abstract

The world faces an imminent transition to a postfossil era. The supply of crude oil has reached a plateau since 2005 and is expected to decline significantly in the coming decades. Natural gas, coal and nuclear energies will not be able to compensate this decline. The future of energy will have to be renewable. This will lead to a growing role of hydrogen as an energy carrier, especially in transport. National strategies and programs for hydrogen are driven by the motives of securing energy supply and providing clean fuel alternatives. The paper describes the past evolution and the present focus of these programs in Europe, North America and Asia.

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