

FP7-ENERGY-2013-1

Research and development of innovative solar thermal facades

FLUIDGLASS

Solar Thermal Glass Facades with Adjustable Transparency

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Strategies for integration, maintenance and replacement of MTF and MF with FLUIDGLASS elements

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PU	Public	x
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Executive Summary

As described in deliverable D1.1 “System requirements - building, façade integration, district level”, FLUIDGLASS façade needs to match or surpass state-of-the-art glass façade systems. As a consequence, the FLUIDGLASS element consists of a variable shading device, a thermal collector, a cooling device and a heating device. This deliverable provides information regarding FLUIDGLASS as façade system and its production, its assembly, its maintenance and its use as a retrofit façade. In addition, this deliverable gives an overview of the current state of the design and it provides an outlook on further development steps.