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Sommario/riassunto	The Smart Skin Envelope research analyses the recent evolution recorded in the design and production of intelligent envelope components, consisting of dynamic layers, according to the need to identify the technological, functional, qualitative and performance parameters that guide the choices of the actors of the innovation process and push them to develop solutions and proposals aimed at transforming the building envelope from a static element to a dynamic element, capable of interacting, through the interoperability of its components, with the inputs of the internal and external environment, with respect to which the envelope is placed as a boundary and delimitation system. The proposed research program investigates, in particular, the Smart Envelopes sector.