

Example name: Solar thermal facade



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•	or Development:	Responsible:	
0	Idea/Patent		
0	Prototype		
₽	Demonstration		
₽	Integral building element		
0	Commercially available		
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DICTO	BISTS description and context		
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Syste	m viability		
0,010	in that inty		
Easy t	o integrate (retrofit + new buildin	as) thanks to flexibility in collector dimensions and availability of	
dumm	dummy elemente		
uunni	y elements		
Mode	lling and simulation tools d	eveloped/used	
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BISTS Performance data

Based on:

- O Estimation
- Detailed simulation
- O Measurement/testing
- O Long-term monitoring

Performance parameters

For integrated systems: key performance indicators -

For separate collectors: performance rating coefficients -

Other:



Additional information:

Sources and references:

C Maria, M Probst. Development of a novel solar thermal façade. Poster n°79. Improving the architectural quality of building integrated solar systems: EPFL , Journéedes Doctorants ENAC 6–7 Juillet 2006