

# SHIP Definition

Minimal System Size	Applications considered	Applications <u>not</u> included in SHIP	Comments
> 50 m <sup>2</sup> <sup>i</sup>	<ul style="list-style-type: none"> <li><b>Industrial Process Applications</b> All solar thermal systems direct or indirect (via heat storage) connected to an industrial process.</li> </ul>		Systems which, in addition to the industrial process, also supply the space heating for the production halls or offices or showers, are taken into account
	<ul style="list-style-type: none"> <li><b>Agricultural applications</b> like drying systems for wood chips, crops, fruits animal breeding</li> </ul>		
	<ul style="list-style-type: none"> <li><b>Greenhouses for:</b> Food production Nurseries vegetable farming</li> </ul>		
	<ul style="list-style-type: none"> <li><b>Service Sector</b> Commercial laundries Car/truck washing <i>Sewage sludge drying</i></li> </ul>		
	<ul style="list-style-type: none"> <li><b>Solar cooling of industrial processes</b></li> </ul>		Air conditioning of office buildings or industry halls are not considered. These applications will be considered in the chapter “Solar air-conditioning”
		<ul style="list-style-type: none"> <li><b>Tourism sector</b> like hotels (including laundries of hotels)</li> <li><b>Health sector:</b> hospitals, clinics</li> <li><b>Boarding schools</b></li> <li><b>Military barracks</b></li> <li><b>Showers or canteens for workers</b></li> </ul>	
		<ul style="list-style-type: none"> <li><b>Systems used for <u>only for space heating</u> of production halls office buildings of companies...</b></li> </ul>	

This definition of SHIP systems was approved on 9 November 2019 at the IEA SHC ExCo Meeting in Santiago de Chile. It is the basis for the report "Solar Heat Worldwide"  
Those areas that were added after November 9, 2019 are marked in blue.

<sup>i</sup> For the worldwide survey only installations larger than 50 m<sup>2</sup> are considered. Small systems are very often under the perceptual limit and can only be documented with great difficulty.