 

Survey: Online World Map of SHIP Suppliers

As part of the Solar Payback Project an **Online World Map of SHIP Suppliers** was established (SHIP = Solar Heat for Industrial Processes), see <https://www.solar-payback.com/suppliers/>. To evaluate whether your company can be listed on this world map as a supplier of SHIP plants, we ask you to fill in this questionnaire and send it back to epp@solrico.com. Please note that **SHIP plants** supply heat to **industrial processes** such as cleaning, sterilisation, pasteurisation, pre-heating, etc. Installations for solar cooling, electricity generation or projects in the residential, service and commercial sector e.g. laundries or hotels, are not considered as SHIP installations. We are available for all further questions under telephone 0049-521-1642829. Thanks for your cooperation!

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| Company name |  | Web page |  |
| Full name of person who filled in this questionnaire? |  | Position |  |
| Your mobile number for enquiries |  | Member of which industry association |  |

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|  | Solar Heating and Cooling (SHC) | SHIP = Solar Heat for Industrial Processes | Solar Power (PV or CSP) | Other renewables  (wind, biomass, etc) | Others  (please specify) |
| What is your core business? |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Do you offer *turnkey\** SHIP systems? | | Yes |  | No |  | Not yet |  | |
| Do you offer a *guaranteed solar yield* as part of your turnkey delivering contract? | | Yes |  | No |  | Not yet |  | |
| Do you *plan* SHIP systems? | | Yes |  | No |  | Not yet |  | |
| Do you *install* SHIP systems? | | Yes |  | No |  | Not yet |  | |
| Do you *operate*/*maintain* SHIP systems? | | Yes |  | No |  | Not yet |  | |
| Do you offer solar process *heat delivery contracts* as an Energy Service Company? | | Yes |  | No |  | Not yet |  | |
| How many turnkey\* SHIP systems have you realised so far  (in whole company history)? \*\* | | |  | | | |
| In which year did your company deliver the first turnkey SHIP system? | | |  | | | |
| Or: In which year will your company deliver the first turnkey SHIP system? | | |  | | | |
| Can your provide a list of SHIP reference projects realised by your company as a turnkey supplier? | | Yes |  | No |  | Not yet |  | |

\*Turnkey includes the design, delivery and installation of solar process heat systems

\*\*Please note that solar cooking even in large-scale as well as solar thermal installations for the service sector like laundries or hospitals are not recognized as a solar process heat system in this survey

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| Do you manufacture collectors for SHIP plants in-house? | | | | | | Yes | |  | | | No | |  |
|  | | Vacuum tube | Flat plate | | Parabolic Trough | | Fresnel | | Dish | | | Other \* | |
| If yes, please choose the in-house produced collector type that you sell or plan to sell most for process heat installation. | |  |  | |  | |  | |  | | |  | |
| Your in-house produced collector is tested/certfied under which certification scheme (e.g. Solar Keymark, INMETRO, MNRE, SRCC)? | | | | |  | | | | | | | | | |
|  | Prototype | | | Pilot / demonstration | | | | | | Commercial | | | | |
| Development state of your in-house produced process heat collector |  | | |  | | | | | |  | | | | |

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| In case you have not yet realised turnkey SHIP plants, we ask you kindly to give us information about your two largest solar thermal reference projects for other commercial costumers (e.g. hospitals, hotels or sport clubs). | | |
|  | Largest solar thermal, commercial reference project | Second largest solar thermal, commercial reference project |
| Name and web site of client |  |  |
| Site of installation (city, country) |  |  |
| Size of the collector field (m2) / type of collector |  |  |
| Year of installation |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| How many commercial installations with a collector field of at least 100 m2 did you design, plan and install in 2015 and 2016? | | |  | | | | |
| Is your company ISO9001 certified? | | Yes |  | | No |  | Not yet |  | |
| Do you have an engineering department in your company to design and plan commercial solar thermal plants? | | Yes |  | | No |  | Not yet |  | |
| How many advanced engineers are working permanently in this engineering department? | | |  | | | | |

**Thank you very much for your effort!**