Solar Thermal Site Assessment

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| **Name of client**Click here to enter text. |
| **Site address**Click here to enter text. |
| **Type of site:**[ ]  small residential building[ ]  large(r) residential building[ ]  public building[ ]  commercial building[ ]  other, please specify: Click here to enter text. |
| **Site visited**[ ]  yes, on Click here to enter a date. (date) [ ]  no |
|  |
| **What is the (main) motivation of the client?**[ ]  cost[ ]  security of supply[ ]  local environment (clean air)[ ]  global environment (global warming)[ ]  convenience[ ]  other, please specify: Click here to enter text. |
| **Is the client the owner of the building / site?**[ ]  yes [ ]  no (please specify relation): Click here to enter text. |
| **How long do they plan to stay in the building / on the site (planning horizon)?**Click here to enter text. years |
| **Does the client have a (fixed) budget for the (solar) water heating system?** [ ]  yes Click here to enter a date. (currency unit) [ ]  no |
| **Would the system be installed in a new building or retrofitted to existing building?**[ ]  new [ ]  retrofit |
| **Time frame for the project**[ ]  not yet determined[ ]  approximately in Click here to enter text. months[ ]  the system must be completed by: Click here to enter a date. |
|  |
| **Approximate hot water / heating demand of the building / site**Click here to enter text.[ ]  litres [ ]  gallons per dayat Click here to enter text.° [ ]  Celsius (C) [ ]  Fahrenheit (F) |
| **Which building component could the collector field by installed upon?**[ ]  flat roof [ ]  sloped/pitched roof [ ]  facade [ ]  balcony [ ]  groundPlease describe further (type, material): Click here to enter text. |
| **Cardinal orientation of the building area that could be used to install the collectors (roof, facade, balcony, ground)**Exact orientation in degree: Click here to enter text.°Or approximate orientation (please mark on compass rose[[1]](#endnote-1)):  Brosen_windrose.eps |
| **What is the tilt of the suitable area?** Click here to enter text.° |
| **How large is the suitable area?**Click here to enter text. [ ]  square meter (m2) [ ]  square feet (sq ft) |
| **Is the roof (or facade, balcony etc.) strong enough to carry the weight of the collector field and – in the case of a thermosiphon DHW system – also the tank?**[ ]  yes [ ]  no [ ]  to be determined |
| **Shading of collector field**[ ]  (almost) none[ ]  yes, approximately Click here to enter text.% of collector field shaded for Click here to enter text. hours per day (explain further, if necessary – e.g. if strong seasonal differences occur) |
| **Would collectors be placed beneath aerials or similar equipment (possible problems with bird droppings):**[ ]  yes [ ]  no |
| **Accessibility of collectors for future inspections / maintenance**[ ]  (very) good[ ]  somewhat cumbersome, please explain: Click here to enter text. |
| **Possible placement of thermal storage tank**Please, describe possible locations: Click here to enter text. |
| **Where could pipes be installed from collector to tank?**Please, describe possible paths and lengths: Click here to enter text. |
| **Does central water heating exist already at the site?**[ ]  no (explain, if necessary): Click here to enter text.[ ]  yes, with main energy source [ ]  natural gas [ ]  heating oil [ ]  LPG [ ]  wood [ ]  other, please specify: Click here to enter text. |

1. Compass rose: Copyright by Rosen [↑](#endnote-ref-1)