

1. Toolbox: SEES Solar Energy from Existing Structures

1.1. Description of the tool / methodology of the tool

SEES, which has been developed at the university of Gothenburg (WSP Analys & Strategi, Gothenburg) used GIS-Data for creating the area, orientation und tilt of Building part. This is combined with shadows from surrounding structures and vegetation. The consulting company WSP will offer the service of potential studies. An english version is existing.

1.2. Outcomes of the tool

By using the tool it is possible to analyse the potential of the solar irradiation on existing buildings. The solar potential will be assessed.

1.3. Assessment of the tool

1.3.1. Advantages / Disadvantages

It can be linked to different kind of database for the buildings e. g. ownership etc.. It is not clear if it will be possible to use it on yourself or it is necessary to buy the service.

1.3.2. Improvements

1.4. Examples

1.5. Literature

Link:

http://www.wspgroup.se/upload/documents/PDF/Sweden/energi/SEES_sv.pdf