Construction of efficient, streamlined, environment-friendly system.

SOLAR NAVI (Photovoltaic optimization system)

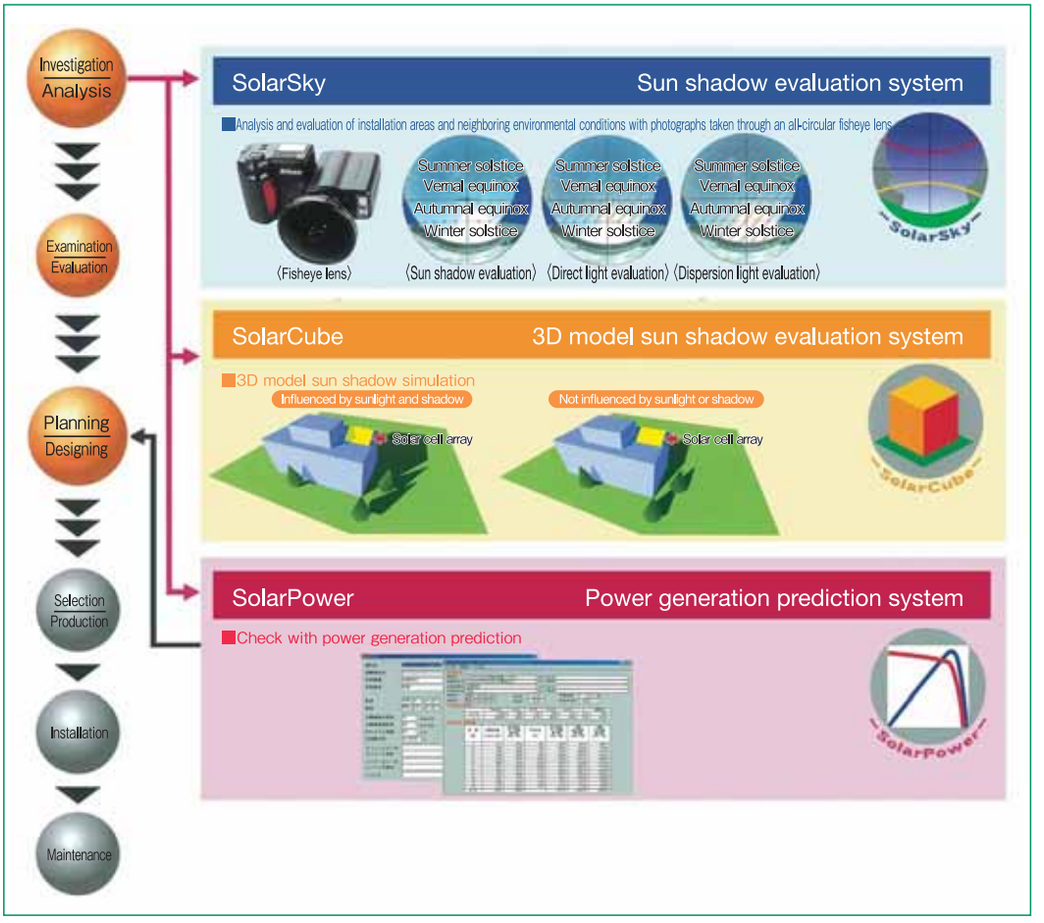
Applicable field
Photovoltaic Power System
(Industrial Use and Home Use)

Feature

- Analysis and evaluation of installation areas with photographs taken through an all-circular fisheye lens.
- Implements sun shadow simulation with a solar cell array and the 3D modeling of neighbor buildings.
- Predicts the monthly and annual rates of power generation based on meteorological basic data and the evaluation of direct light and dispersion light in the place of installation.

Overview (Technical principles, actions, etc.)

The SOLAR NAVI is a photovoltaic optimization system consisting of the SolarSky (a sun shadow evaluation system), the SolarCube (3D model sun shadow evaluation system), and the SolarPower (power generation prediction system). These systems are combined appropriately according to various installation conditions of target places and their neighborhoods for the analysis and evaluation of the places before introducing photovoltaic power systems in the aim of highly efficient and reasonable designing of the photovoltaic power systems. Furthermore, optimum photovoltaic power system can be constructed promptly using the SOLAR NAVI can be combined promptly with ease to construct optimum photovoltaic power systems.



Outline of SOLAR NAVI

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