



heliodomi
photovoltaic production facility, thessaloniki



Construction shots January 2004



Located on the edge of an industrial park in northern Greece, this solar module production facility challenges the ecological shortcomings of the typical factories that surround it. Both the building and the main parking lot are covered by a planted roof rising directly from the ground. Translucent PV skylights cut into this terrain provide power and daylighting for the production areas. Heat gain from the skylights is offset by the high insulation value of the earth roof. The structural system and building fitout are clearly and simply planned to minimize material usage. By covering the parking area with a planted roof, the environmental consequences of its paving, stormwater runoff and thermal pollution, are eliminated.

Heliodomi Phase 1 will produce 5 megaWatts of aSi modules per year.
Phase 2 will double that capacity.

Under construction; projected completion Summer 2004



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