

**Sonnenschutz - Glaslamellen & Photovoltaik - BOMIN GLPV**  
**Sunshading - Glass Louvers & Photovoltaic - BOMIN GLPV**

#4119/2000

*Aim: Translucent Sun-Shading System made out of movable glass louvers with integrated photovoltaic cells in order to gain ecological energy.*

*Execution: 800 glass louvers. The position of the louvers is controlled by means of a suntracking control system. All four sides of the pyramid are equipped with glass louvers. The South-, East- and Westside have about 500 glass louvers with integrated PV-cells. On the Northside the glass louvers have PV-cells-imitates in order to maintain the design and the homogeneous shading pattern.*



*Dimensions: approx. 510 m<sup>2</sup> / more than 25 kWP*

*Benefit: The combination of printed glass louvers and glass louvers with integrated PV-cells not only creates a special shading pattern but produces simultaneously Solar-electricity.*

Projekt • Project

**PLENARSAAL** **FEDERAL COUNCIL**  
**BUNDESRAT BERLIN** **OF GERMANY**

Ort • Location

Berlin - Deutschland

Berlin - Germany

Auftraggeber • Client

 Schmidt Reuter Partner GmbH,  
Hamburg

 Schmidt Reuter Partner GmbH,  
Hamburg

Baujahr • Year of construction

1999/2000

1999/2000

Architekten • Architects

 ASP Architekten  
Schweger & Partner, Berlin

 ASP Architects  
Schweger & Partner, Berlin

 Leistung BOMIN SOLAR  
Scope of works BOMIN SOLAR

 Konstruktion - Herstellung -  
Lieferung - Montage - Wartung

 Design - Manufacturing -  
Delivery - Assembly - Service

**BOMIN SOLAR**  
 Herstellung und Vertrieb  
 solartechnischer Anlagen GmbH