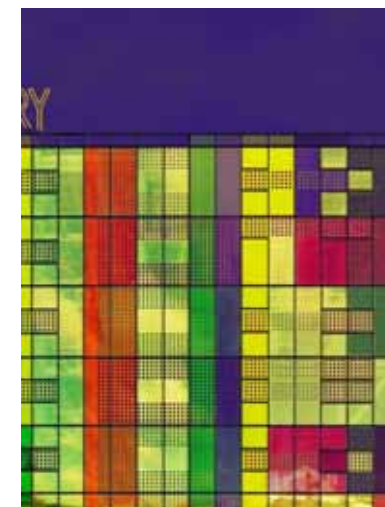
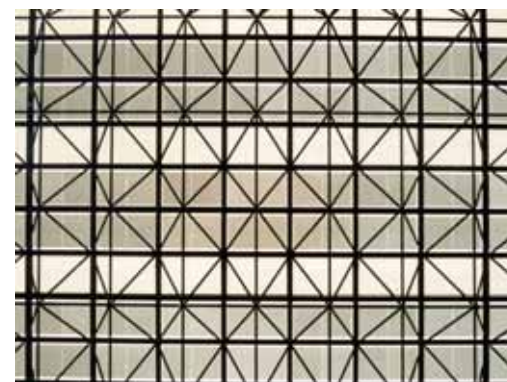


### Photovoltaics in an Architectural Context

Henk Kaan

13 September 2006





**Bringing PV to the client**

Use PV in a "neutral" way





**Bringing PV to the client**  
PV can “Upgrade” the building





**Bringing PV to the client**  
PV can strengthen the image of the occupier



**Architectural criteria for good PV integration:**

**Architectural criteria for good PV integration:**

Natural integration of the PV system



**Architectural criteria for good PV integration:**

The PV system is architecturally pleasing



**Architectural criteria for good PV integration:**

The PV system is architecturally pleasing



**Architectural criteria for good PV integration:**

The PV system is architecturally pleasing



**Architectural criteria for good PV integration:**

Good composition of colours and materials



**Architectural criteria for good PV integration:**

The PV system matches the context of the building  
(Contextuality)



**Architectural criteria for good PV integration:**

The system, and its integration, are well-engineered





**Architectural criteria for good PV integration:**  
The system, and its integration, are well-engineered



**Architectural criteria for good PV integration:**

The application of PV  
has led to innovative  
designs



**Incorporation of PV in the building design:**



### Incorporation of PV in the building design:

- PV is applied invisible



### Incorporation of PV in the building design:

- PV is added to the design



### Incorporation of PV in the building design:

The PV system adds to the architectural image





Energy research Centre of the Netherlands

### Incorporation of PV in the building design:

The PV system determines the architectural image



Energy research Centre of the Netherlands

### Incorporation of PV in the building design:

The PV system determines the architectural image



Energy research Centre of the Netherlands

### Incorporation of PV in the building design:

The PV system leads to new architectural concepts



Energy research Centre of the Netherlands

### **Incorporation of PV in the building design:**

The PV system leads to new architectural concepts



### **Incorporation of PV in the building design:**

The PV system leads to new architectural concepts



**Architects who apply PV in well-thought-out way can make their clients happy and thereby contribute to a greater acceptance of PV!!**

