



# Company Profile

# AUO in Brief

## History:

### Established

12 Aug 1996

### Taiwan IPO (TAIEX: 2409)

8 Sep 2000

### NYSE IPO (NYSE: AUO)

23 May 2002

## Operation Status:

### Workforce

42,000  
(as of Nov 2009)

### Technology

TFT- LCD, LTPS,  
OLED, Solar PV, E-paper

### Products

TFT-LCD (1.2" ~ 65")  
LTPS (1.5" ~ 6.5")  
TV Total Solutions (19" ~ 52")

## Financial Status:

### Market Value

NT\$ 275.9 B  
(US\$ 8.61B)  
(30 Sept 2009)

### Equity

NT\$ 286.7B  
(US\$ 8.95 B)  
(30 Sept 2009)

### Revenue

FY06: NT\$ 293B (US\$ 9.0B)  
FY07: NT\$ 480B (US\$ 14.8B)  
FY08: NT\$ 424B (US\$ 13.6B)

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# Milestones



**1996**

- ADT Established



**2001**

- Taiwan 1st G4 Fab
- Combined with Unipac, renamed as AUO
- WW 3rd largest TFT-LCD maker
- Revenue > US\$1B



**2003**

- Taiwan 1st G5 Fab
- Revenue > US\$3B



**2006**

- Taiwan 1st G7.5 Fab
- Merged Quanta Display
- WW 2nd largest TFT-LCD maker
- Revenue ~ US\$ 9B



**2008**

- Announced “Green Solutions”
- Module Plant MP in Czech Republic



**1999**

- Taiwan 1st G3.5 Fab



**2002**

- NYSE Listed
- Module Plant MP in Suzhou, China
- Revenue > US\$2B



**2005**

- Taiwan 1st G6 Fab
- Revenue > US\$ 6B



**2007**

- Module Plant MP in Xiamen, China
- Revenue > US\$ 14B



**2009**

- The World's First LEED Gold-Certified TFT-LCD Facility

# Global Operations

● Headquarters ● 9 Manufacturing Sites

● 9 Regional Office

● 7 Customer Service Points



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# Integrated Solutions Provider



# The Only Pure TFT-LCD Manufacturer Worldwide Named to 2009 Dow Jones Sustainability Asia/Pacific Index



Computer Hardware & Electronic Office Equipment (THQ)

## SUSTAINABILITY LEADERS

As of September 21, 2009 (Effective Date)

Company	Country	Sector Leader
Number of Companies		
Au Optronics Corp.	Taiwan	
Dell Inc.	United States	
FUJIFILM Holdings Corp.	Japan	
Fujitsu Ltd.	Japan	
Hewlett-Packard Co.	United States	●
NEC Corp.	Japan	
Seiko Epson Corp.	Japan	

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# Honored with 2009 / 2010 Ocean Tomo 300® Patent Index

- The industry's first index based on the value of intellectual property.
- Recognized by the American Stock Exchange as the first major, broad-based market equity index to be launched, following the progression from the Dow Jones Industrial Average in 1896, to the Standard & Poor's 500 in 1957 and then to the NASDAQ Composite Index in 1971.
- It is well known as one of the most essential economic index as NASDAQ Composite Index.



ARRIS GROUP INC	ARRS
ART TECHNOLOGY GROUP INC	ARTG
ARVINMERITOR INC	ARM
ASHLAND INC	ASH
AT&T INC	T
ATMEL CORP	ATML
ATP OIL & GAS CORPORATION	ATPG
AU OPTRONICS CORP	AUO
AUTODESK INC	ADSK
AUTOLIV INC	ALV
AVERY DENNISON CORP	AVY

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# 2008 BusinessWeek InfoTech 100

## AUO ranked No. 53



45	ZTE	COMM	China	4,705.6	59	51
46	LENOVO GROUP	COMP	Hong Kong	14,590.2	27	10
47	TELEMAR NORTE LESTE	TELE	Brazil	9,645.8	39	4
48	CORNING	COMM	U.S.	6,170.0	53	18
49	PRICELINE.COM	NET	U.S.	1,390.8	93	24
50	TAIWAN SEMICONDUCTOR MFG.	SEMI	Taiwan	9,826.4	37	19
51	DIGI.COM	TELE	Malaysia	1,304.8	94	19
52	QUANTA COMPUTER	COMP	Taiwan	16,545.6	21	12
53	AU OPTRONICS	COMP	Taiwan	9,074.1	40	35
54	AMPHENOL	SEMI	U.S.	2,970.7	73	16
55	REDINGTON INDIA	DIST	India	2,265.7	83	33
56	NAVTEQ	SVCS	U.S.	917.9	98	48
57	SEAGATE TECHNOLOGY	COMP	U.S.	12,553.0	31	13
58	INTEL	SEMI	U.S.	39,155.0	12	11
59	NVIDIA	SEMI	U.S.	4,097.9	64	34
60	ADVANCED INFO SERVICE	TELE	Thailand	3,263.9	67	19
61	VMWARE	SOFT	U.S.	1,505.3	91	81
62	ANSCEND INFORMATION	SEMI	Taiwan	810.5	99	55
63	P	SOFT	Germany	14,610.6	26	9
64	COMMUNICATIONS HLDGS.	COMM	U.S.	14,167.0	28	10
65	ORA SISTEMAS	SVCS	Spain	3,113.8	71	54
66	LIANCE COMMUNICATIONS	TELE	India	4,707.6	58	11
67	ALCOMM	COMM	U.S.	9,678.0	38	18



Source: BusinessWeek InfoTech 100 2008 report

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# 2007 Top 300 Organizations Granted US Patents

## AUO Ranked No. 108



105	Corning Inc.	187
106	Black & Decker Inc.	184
107	VIA Technologies, Inc.	183
108	AU Optronics Corp.	181
109	NXP B.V.	181
110	Yamaha Corp.	174
111	EMC Corp.	173
112	Kimberly-Clark Worldwide, Inc.	173
113	Baker Hughes Inc.	172
	Alps Electric Co., Ltd.	168
	Oracle International Corp.	168
	Sharp Laboratories Of America, Inc.	168
	Lexmark International, Inc.	167



### Top 300 Organizations Granted U.S. Patents in 2007

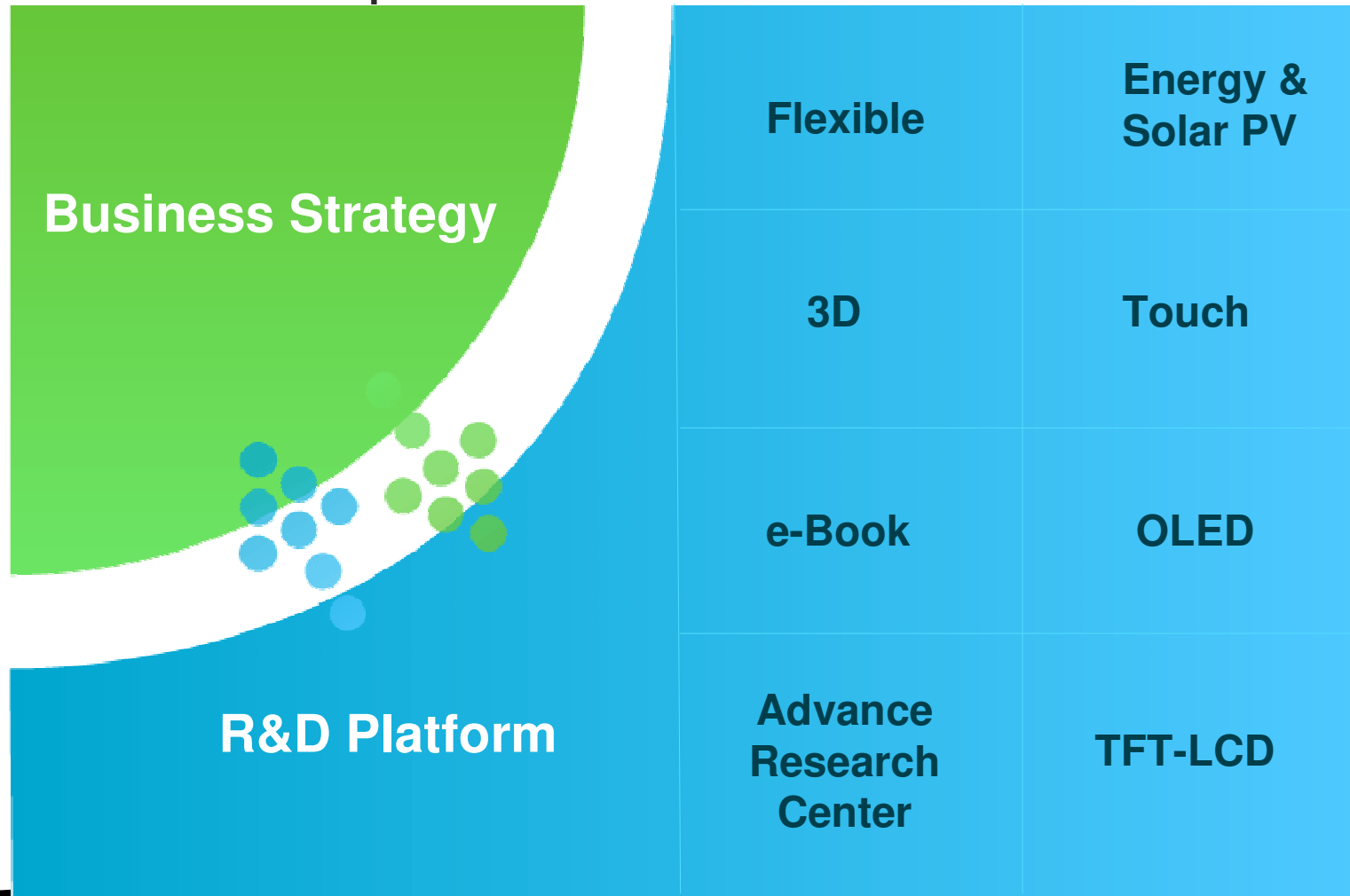
As of 2008 December, AUO has successfully obtained 5000 patents.

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Source: Intellectual Property Owners Association report released on 21/May/2008

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# AUO R&D Scope



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# Dedicated, Professional R&D



- OLED
- Flexible
- Solar PV
- E-paper



- Eco-technology development
- Green product design
- Green manufacturing

**New  
Application  
Development**

**Market-Driven  
Product  
Offerings**

**Green  
Innovations**

**TFT-LCD related  
Technology  
Development**



- Meet changing market trends
- Provide clients with high-value added products



- Patent Portfolio
- Talent cultivation
- Manufacturing/  
Process Improvement

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The background of the slide features a blue gradient. In the upper left corner, there are several curved, overlapping patterns of white squares and rectangles, creating a sense of depth and movement.

# AUO Solar PV Business Strategy

Source : AUO

# We're not just saving energy, We're creating it!

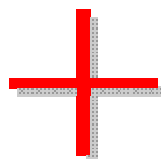
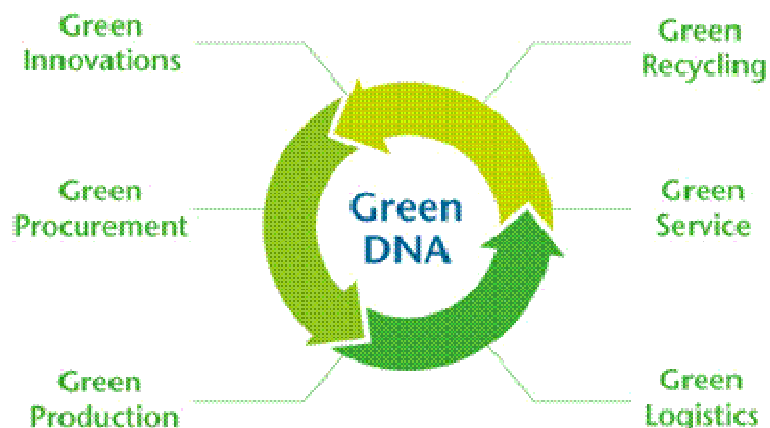
## Before 2009

- **AUO Green Solutions:**  
aim at reducing carbon  
consumption and saving energy



## After 2009

- **AUO Energy Business:**  
step forward to create green energy  
and provide green energy solutions



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Provider  
with PV  
module

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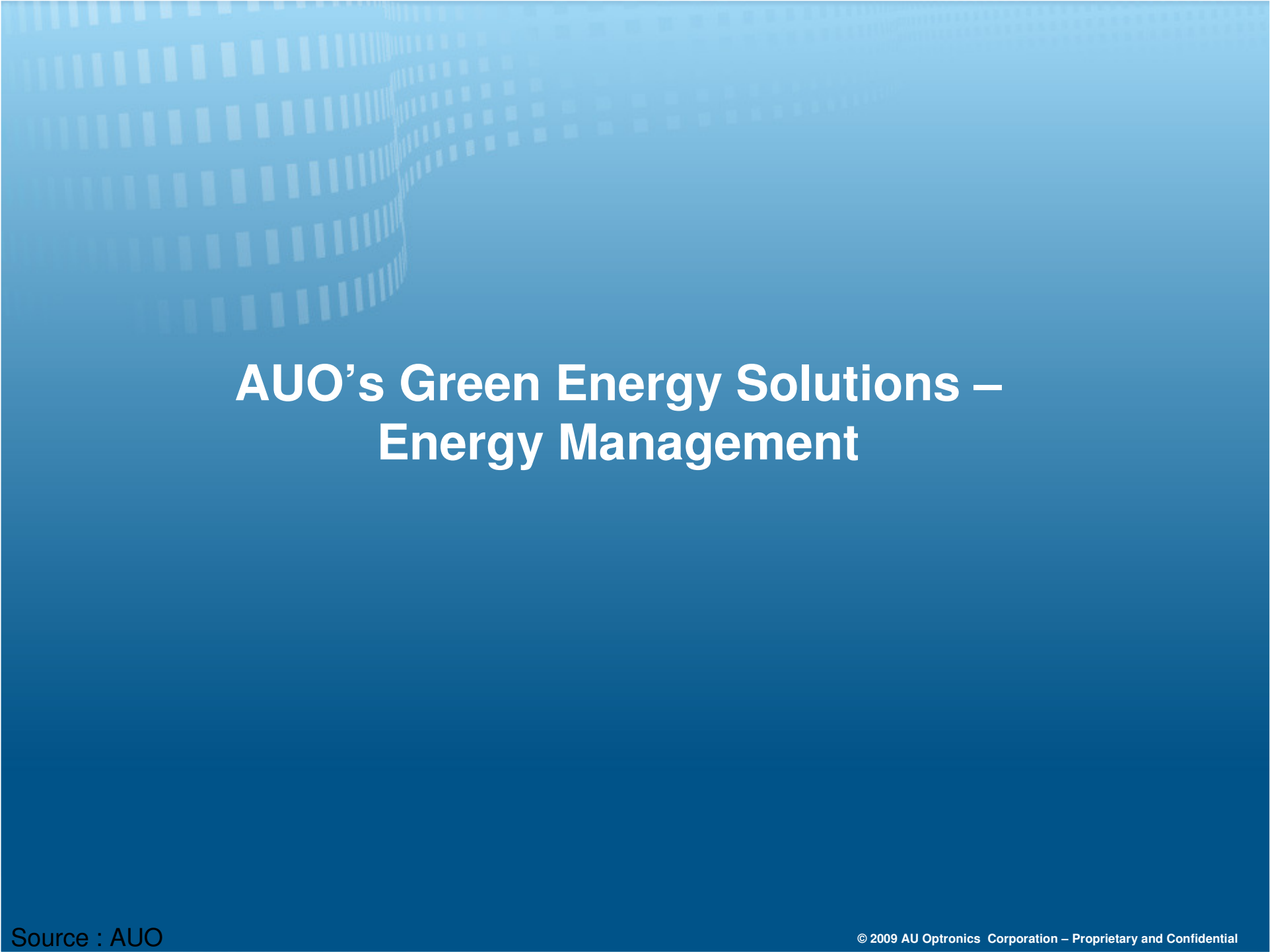
# AUO Solar PV Solutions

- Best total solution provider by partnership
- R&D : High efficiency thin-film and crystalline solar PV technology
- Invest in poly-silicon/wafer and solar PV system business
- Partnership with cell & module makers

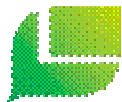


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# AUO's Green Energy Solutions – Energy Management



### Environmental Car/Car Pool/ Bicycle Parking lots

Exclusive parking lots  
Encourage employees to go with green rides

### Exhaust-driven Wind Power Generator

Installed on top of some air outlets, operate 24 hours a day

### Water/Energy efficient Designs

- (WIS—Water Inter-use System)
- Oven heat recovery system

### Retaining Pond

- Protect downstream water route
- Environmental Sewage System

### Optimized HVAC& lighting system

- Advance chiller system
- General exhaust heat recycle
- Optimize lighting design

### Low Light Pollution Street Lights

Reduce light pollutions

### Environmental room

Built by international environmental standard, non- formaldehyde and Low- emitting materials

### Solar/Wind Power Hybrid Street Light

### Manufacturing Water Recycle System

- Reuse recycled water for manufacturing
- For toilet flush

### Rainwater Harvest System

Utilize enormous rooftop to collect rainwater, for watering plants/grass

### Waste Recycling Area

- Classify and reclaim wastes

# AUO G8.5 Fab L8A – The World's First LEED Gold-Certified TFT-LCD Green Facility



- 90% process water recovery rate
- 90% construction waste recovery rate
- 21% total energy savings
- 87,000 tons of carbon emission reduction, an equivalent effect of afforesting of 23 New York City's Central Parks
- The world's first TFT-LCD Hybrid Fab



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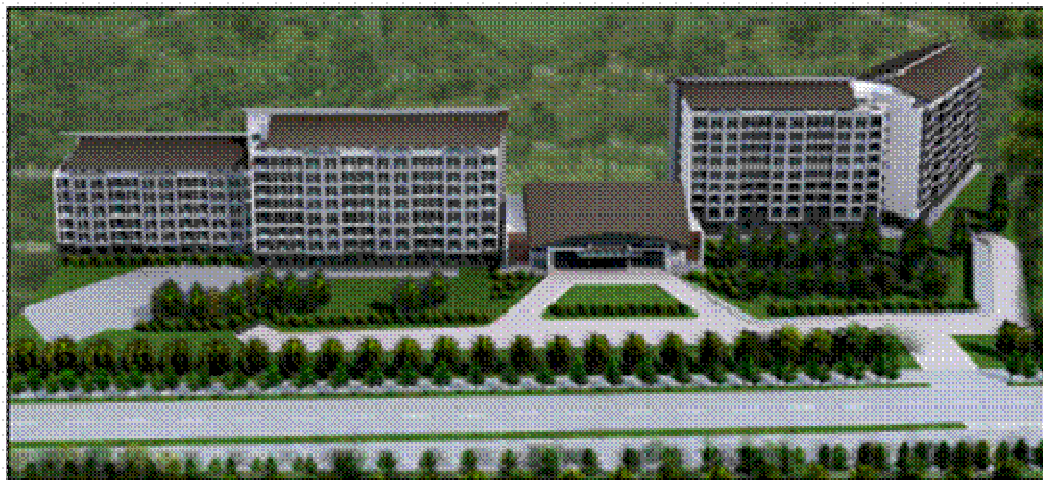
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# Reference



# RIPV(Roof Integrated) Projects in Taiwan



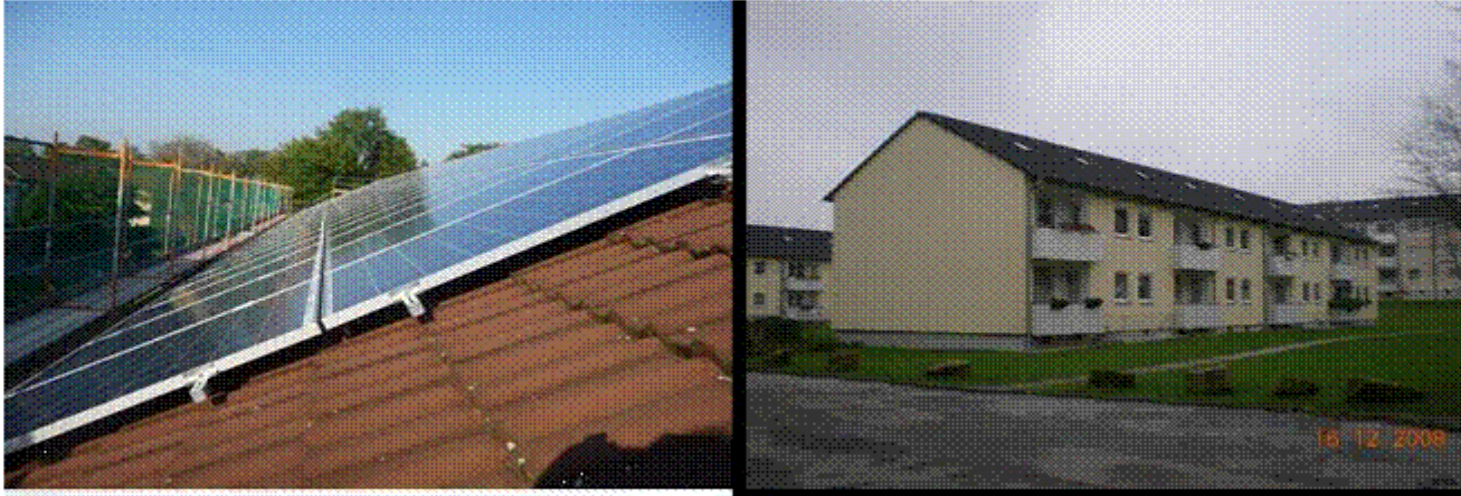
## Grid-connected PV system

System scale:	133 kWp
Module:	608 pcs 220w Multi-crystalline
Annual generated AC power:	166,910 kWh
Corresponding CO2 reduction:	106.4 Ton per year
Number of inverters:	25
Type of inverters:	SMA SMC 5000,6000 SB 3000

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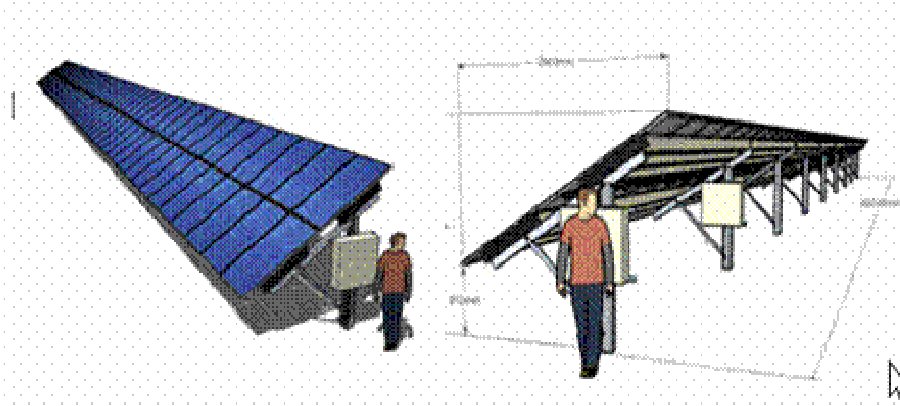
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# Rooftop Project in Germany



Project Size (power)	650 kWp
Project Type:	Roof top
Location	City of Gelsenkirchen
Project Site:	Various apartment houses in different districts of Gelsenkirchen
EPC Contractor:	abakus solar AG
<b>Modules:</b>	<b>AUO</b>
Inverters:	SMA
Sub Structure:	Schletter
CO2 are reduced	approximately 546 tons
Families supported	approximately 150 families

# Free Field Project in Germany



Project Size (power): 2,856 kWp  
Project Type: Free Field  
Location: City of Hungen, Germany, 60 km north of Frankfurt  
Project Site: Former coal mining waste disposal site, currently used for agricultural purposes  
EPC Contractor: abakus solar AG, Gelsenkirchen, Germany  
**Modules:** **AUO**  
Inverters: SMA / AEG  
Sub Structure: new design, developed by abakus solar AG  
Families supported: approximately 1,100 families

# AUO

Innovating Life

