



**WACKER** POLYSILICON

# SUPPORTING SOLAR PV GROWTH – TENNESSEE PROJECT APPROVED

Wacker Chemie Investor Relations

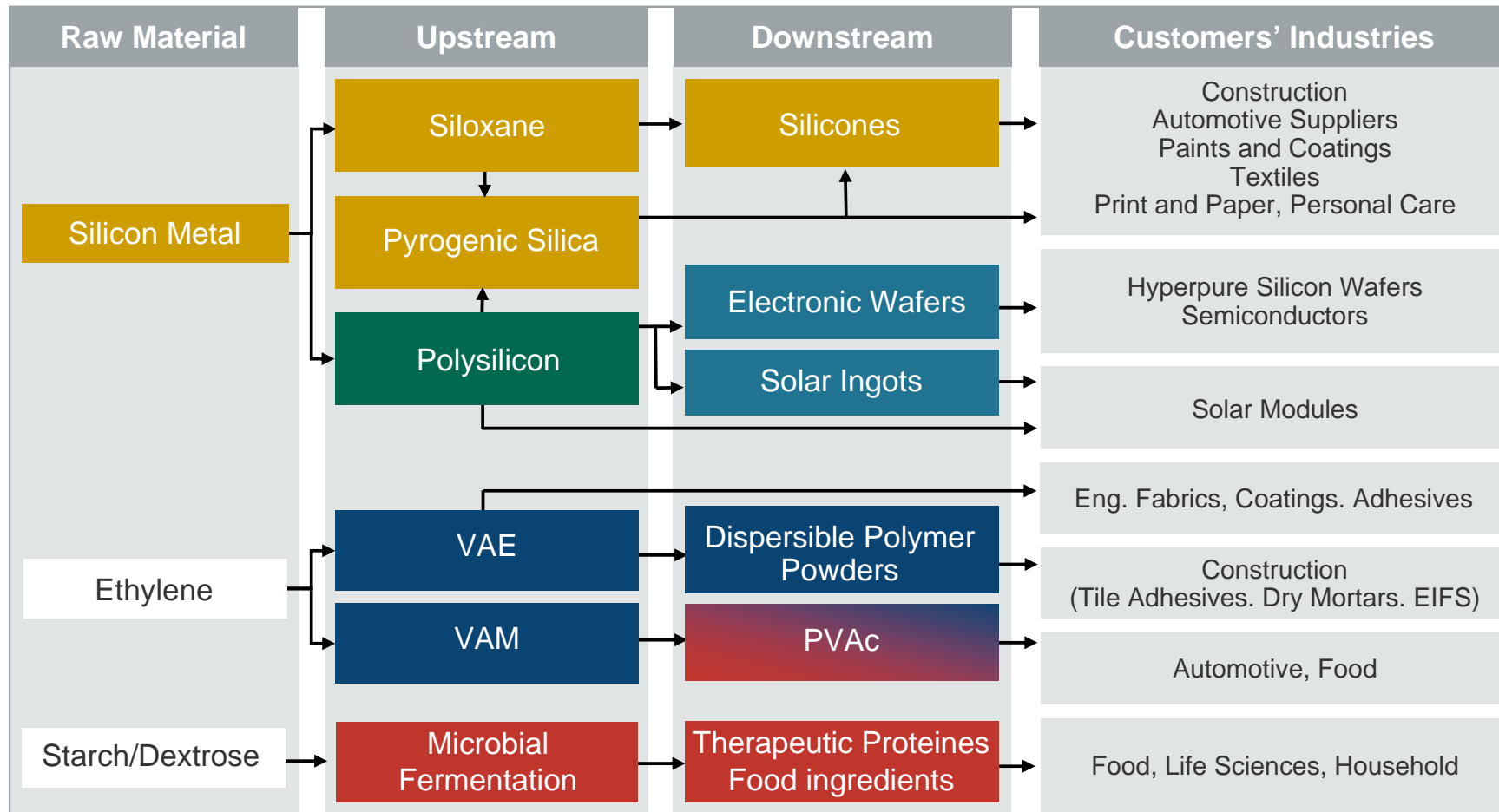
December 9<sup>th</sup>, 2010

CREATING TOMORROW'S SOLUTIONS

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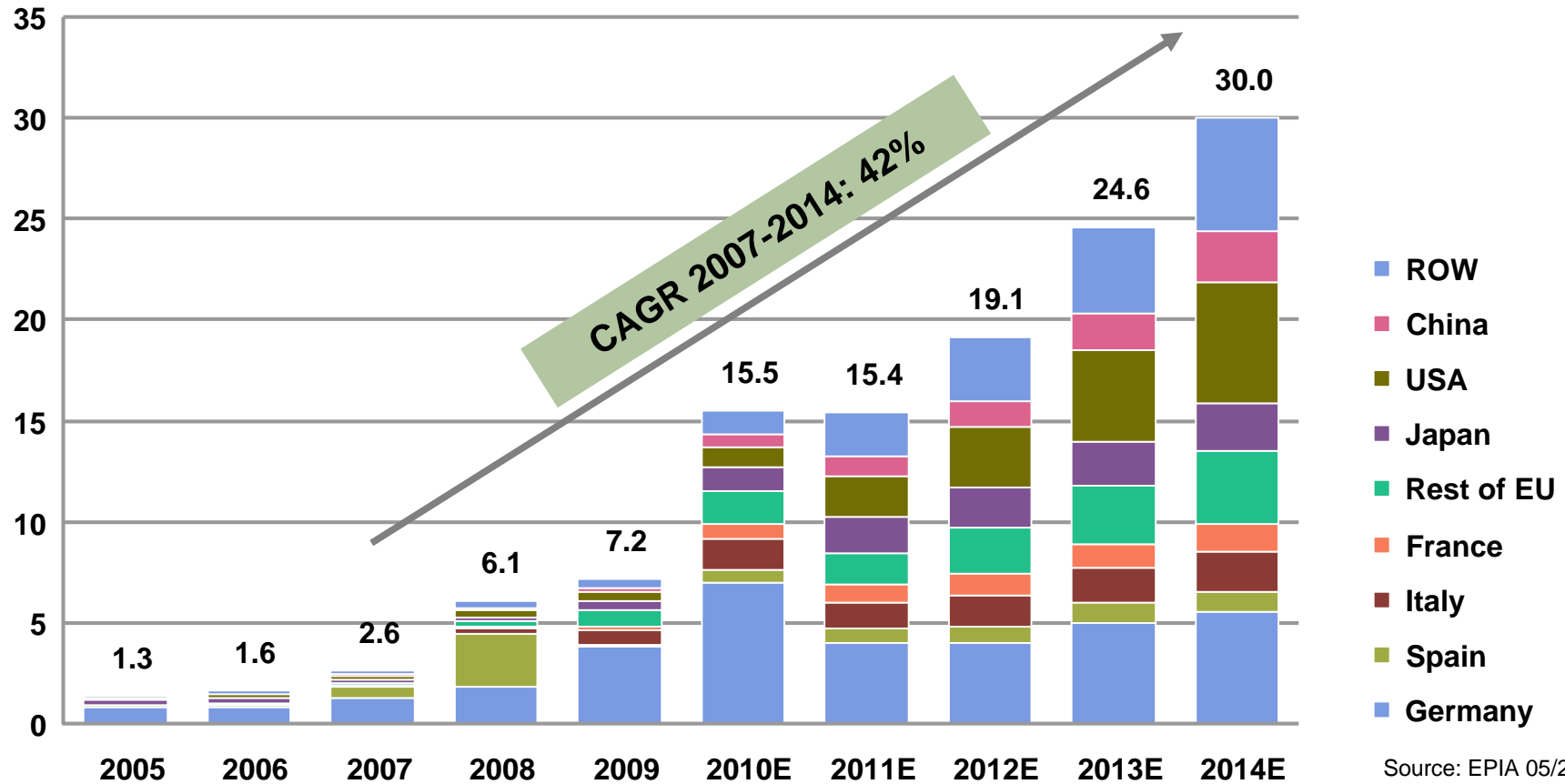
# WACKER: HIGHLY INTEGRATED OPERATIONS BASED ON THREE KEY RAW MATERIALS



VAM = Vinyl acetate monomer, VAE = Vinyl acetate ethylene, PVAc = Polyvinyl acetate, EIFS = Exterior insulation and finish system

# STRONG GROWTH OF PV MARKETS WORLDWIDE

Historical Annual PV Market Development and Forecast (GW)

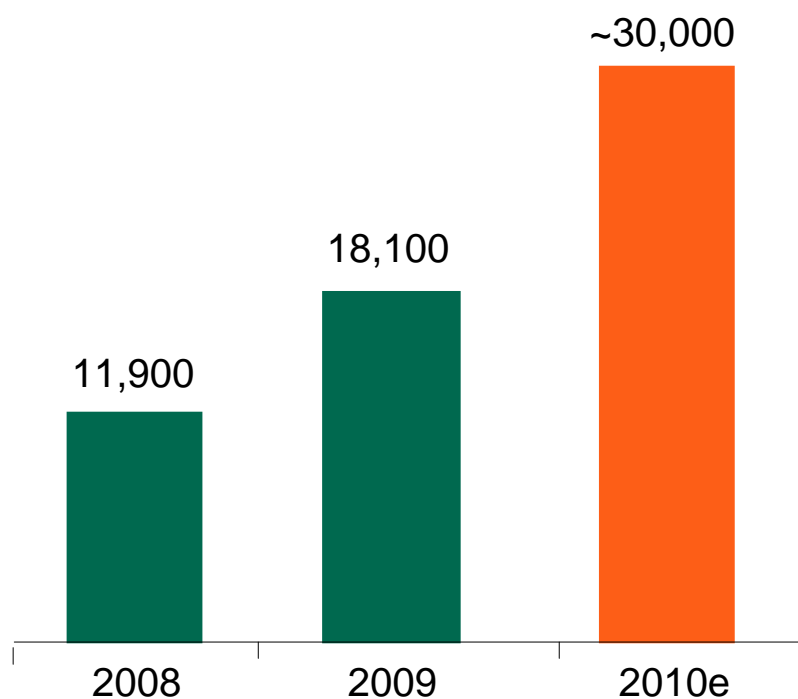


# WACKER POLYSILICON TENNESSEE PROJECT– POLY 11

- Establishing a new and fully integrated silicon site in Tennessee
- Timeline:
  - Construction to begin immediately,
  - Commissioning in 2013, first material out in early 2014
- Cost: €1.1bn for 15,000t solar grade in expansion
- Technology:
  - Advanced WACKER TCS
  - Significant throughput and energy consumption benefits
- Adding a third expansion platform to support our global customers

# SUPPORTING MARKET GROWTH AS A MARKET LEADER

## Expected Production in MT



## Capacity Development (p.a.)

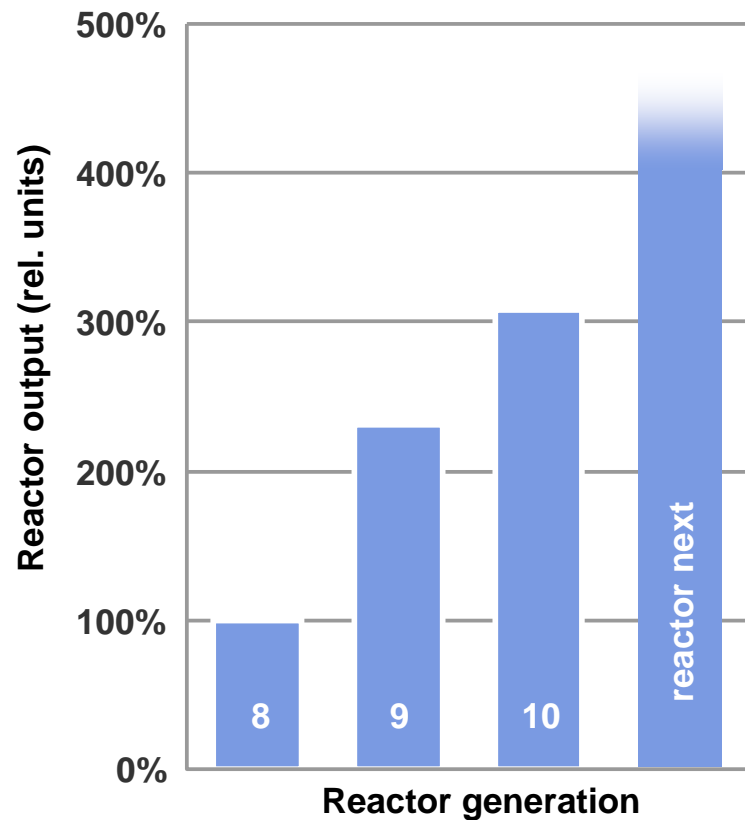
- 32,000 MT Current production rate at Burghausen
- + 10,000 MT Poly 9 Ramp at Nünchritz (starts end of 2011)
- + 15,000 MT New Poly 11 facility in Tennessee (starts 2014)
- + debottlenecking options

# WHY WE BUILD A POLYSILICON SITE IN TENNESSEE

- Access to low cost, stable supply of energy
- Over-the-fence supply of chlorine and an attractive transportation infrastructure
- Strong support from local authorities and business partners
- Supportive legal framework
- Extension of our natural hedge via production outside the euro zone
- Infrastructure improvements and incentives package made available from federal, state and county authorities

# ADVANCED WACKER TCS TECHNOLOGY FOR THE NEW SITE

## Development of reactor output



## Advanced WACKER TCS technology

- New, tested TCS technology
- Improved reactor yield and throughput
- Reduced energy consumption for total process

# POLY 11: LARGEST INVESTMENT IN WACKER CHEMIE HISTORY - FINANCING SECURED

- Polysilicon business with strong operating cash flows:
  - Existing production in Burghausen (~32,000t p.a.) and
  - New volumes from Poly 9 Nünchritz (+10,000t)
- Prepaid contracts secure cash flows into 2014 and beyond
- Current prepayments at about €1bn
- Committed credit lines (over €1bn) support investment

# PROVIDING LONG TERM SUPPORT FOR THE GROWING GLOBAL PV INDUSTRY

## Poly 11 Rationale

- Polysilicon strategy: grow with the market + cost leadership
- Maintain a market share around 20 per cent
- Providing high quality to enable superior economics for our customers
- Establishing three expansion platforms to meet global growth in Polysilicon demand going forward
- Contracting for growth with customers

Wacker Polysilicon – first choice for polysilicon supply to industry leaders

# WACKER: ISSUER, CONTACT AND ADDITIONAL INFORMATION

## ISSUER AND CONTACT

### Wacker Chemie AG

Hanns-Seidel-Platz 4  
D-81737 Munich

#### Investor Relations contacts

Mr. Joerg Hoffmann  
Tel. +49 89 6279 1633

[joerg.hoffmann@wacker.com](mailto:joerg.hoffmann@wacker.com)

Mrs. Judith Distelrath  
Tel. +49 89 6279 1560

[judith.distelrath@wacker.com](mailto:judith.distelrath@wacker.com)

Mrs. Manuela Ellmerer  
Tel. +49 89 6279 2769

[manuela.ellmerer@wacker.com](mailto:manuela.ellmerer@wacker.com)

## FINANCIAL CALENDER

03/16/11 - Full Year 2010 (4pm CET)  
05/04/11 - Q1 Results 2011  
05/18/11 - Annual Shareholder Meeting  
05/31/11 - Capital Markets Day  
08/02/11 - Q2 Results 2011  
10/28/11 - Q3 Results 2011

## ADDITIONAL INFORMATION

**ISIN:** DE000WCH8881

**WKN:** WCH888

**Deutsche Börse:** WCH

**Ticker Bloomberg:** CHM/WCH.GR

**Ticker Reuters:** CHE/WCHG.DE

**Listing:** Frankfurt Stock  
Exchange  
Prime Standard





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