



# COMPETITIVENESS OF EUROPEAN PV MANUFACTURING

## ACCESS TO FINANCE

Marc Rechter





**MCPV: FOUR MANUFACTURING  
LOCATIONS, ONE READY TO BUILD.  
PURCHASE ORDER JUNE 2022.  
SCALE TO 15GW BY 2028.**

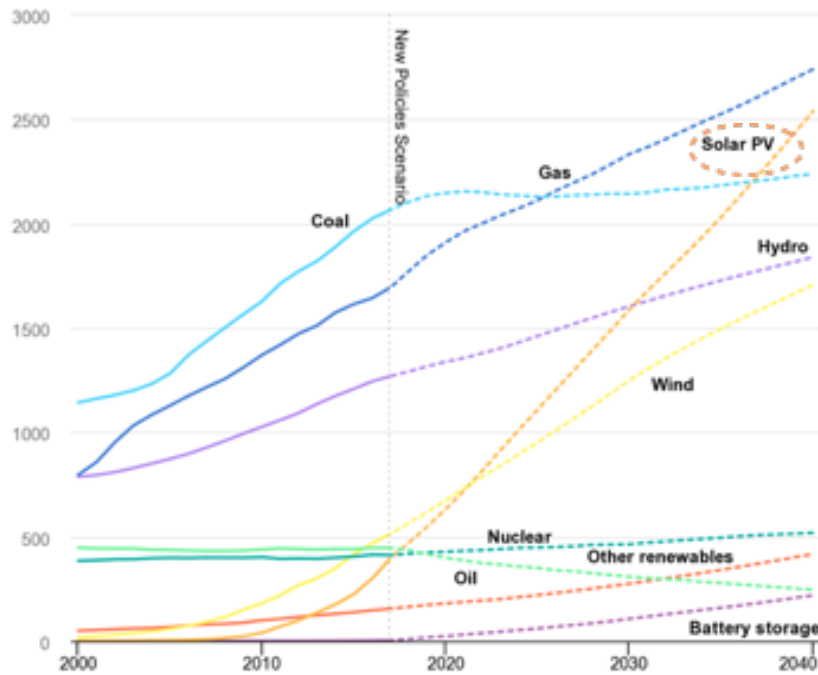


# OUTLOOK FOR PV INDUSTRY

## Exponential Growth Required to Meet Climate Goals

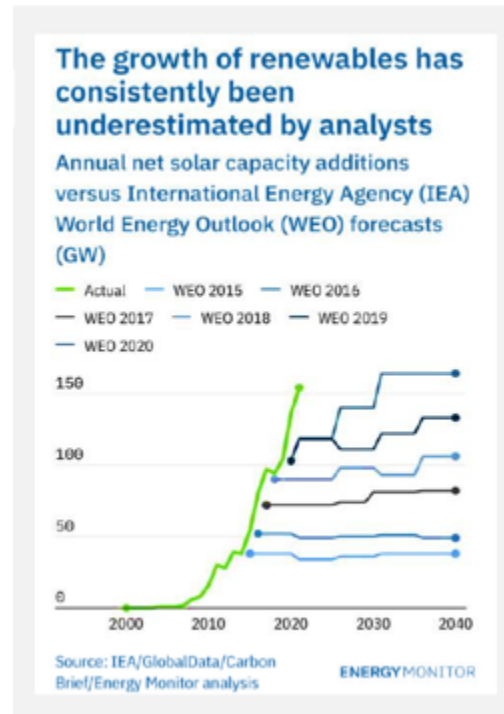


Installed power capacity 2000-2040

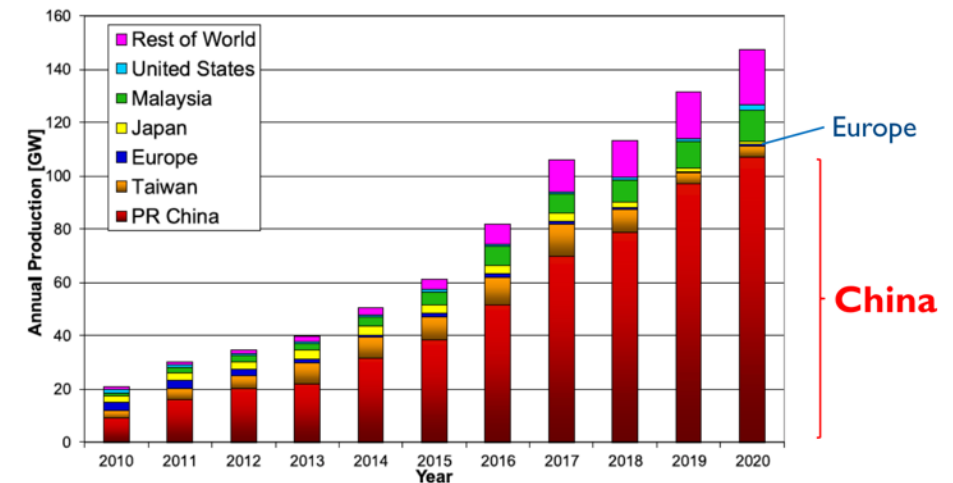


Source: IEA

Footnote: 1) New Policies scenario based on the new global context of the 2009 Copenhagen Accord



World PV module production 2010 to 2020



**Strategic Priority to Establish EU PV Manufacturing**

# EU ENERGY SECURITY = Technology + Scale + Level Playing Field



KEY Industries	Technologies	Scale	Level Playing Field	IMMEDIATE ACTIONS
Wind			CBAM/Taxonomy/...	<p>Accelerate Existing Plans</p> <p>Create Clear Protection Triggers</p> <p>Focus EU Support on PV Manufacturing and PV Deployment (offtake)</p> <p>Boost EU Solar Value Chain</p>
Batteries			+ IPCEI	
Hydrogen			+ IPCEI	
Solar			Structurally Disadvantaged	

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## Key to EU Energy Security



- **RUSSIA – UKRAINE WAR: There is NO TIME TO WASTE - we need projects now**
- **UNCERTAINTY hits Private Markets: PUBLIC SUPPORT NEEDED TO FILL THE GAP**
- **EU and Member State FUNDING INSTRUMENTS: Too slow. Timing not aligned with urgency. Focus on R&D and Long-Term Technology. No focus on industrial scaling or new model implementation.**
- **Big Scale needs Big Funding and Big Funding requires Big Assurances, especially in current context**

	2022	2030
<b>Global PV Manufacturing Capacity</b>	<b>200GW</b>	<b>600GW</b>
<b>European PV Manufacturing Capacity (market share)</b>	<b>0,8GW (0,4%)</b>	<b>100GW (15%)</b>

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## Enable the Scale-up of entire Value Chain

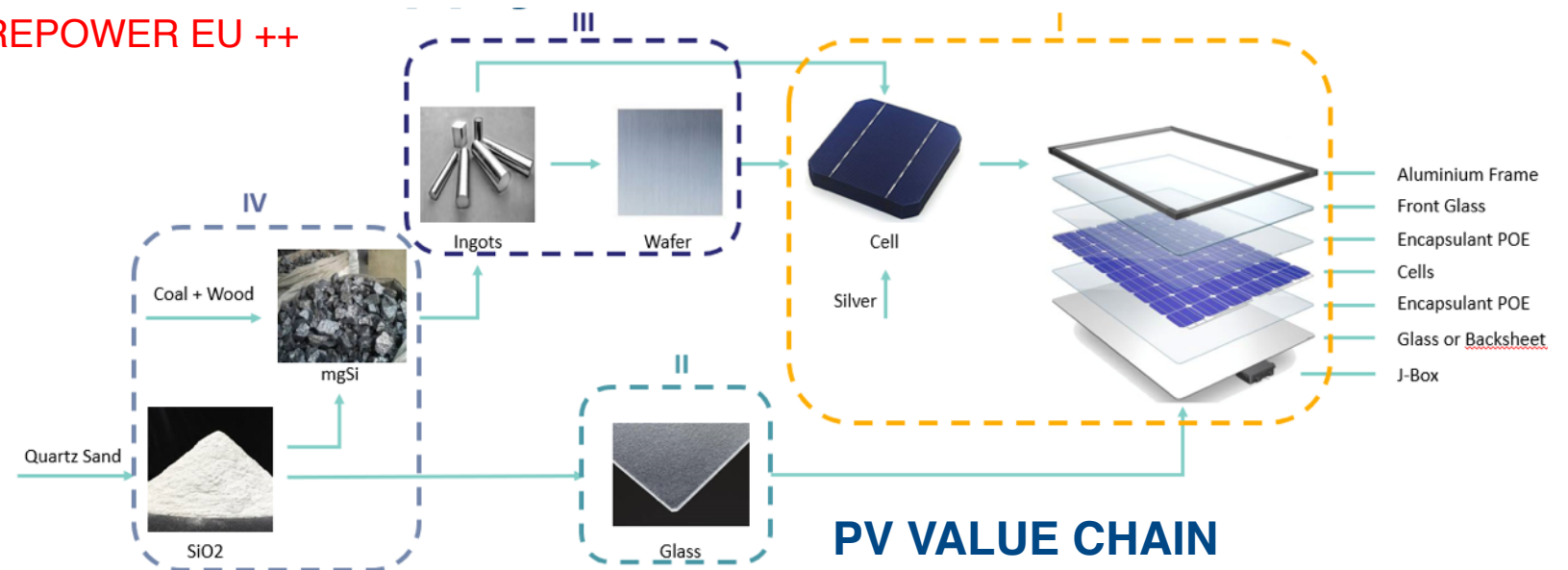


### FOR IMMEDIATE IMPACT WE NEED:

- **FAST TRACK GRANT INSTRUMENTS\*** - SUPPORT MATURE PROJECTS ACROSS VALUE CHAIN
- **ISSUE STATE/CREDIT GUARANTEES** – TO UNLOCK AND ACCELERATE MANUFACTURING PROJECTS

**WE NEED AN EU SOLAR PLAN - REPOWER EU ++**

\* RRF, IF, InvestEU, ERDF, EIB, IPCEI.



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## Instruments for Impact



### **SUPPORTING PUBLIC POLICY AND FUNDING INSTRUMENTS:**

- **STIMULATE EU DEMAND SIDE TO BUY EUROPEAN**
- **STREAMLINE SOLAR PROJECT PERMITTING IMMEDIATELY**
- **IMPLEMENT INVESTMENT TAX CREDIT FOR INVESTORS**
- **ENSURE EU FINANCE FOR NORTHERN AFRICAN GREEN ENERGY DEPLOYMENT**
- **IMPOSE TARIFF ON ASIAN PRODUCTS UNLESS THEY MEET EU STANDARDS AND CERTIFICATIONS**

### **IN ORDER TO:**

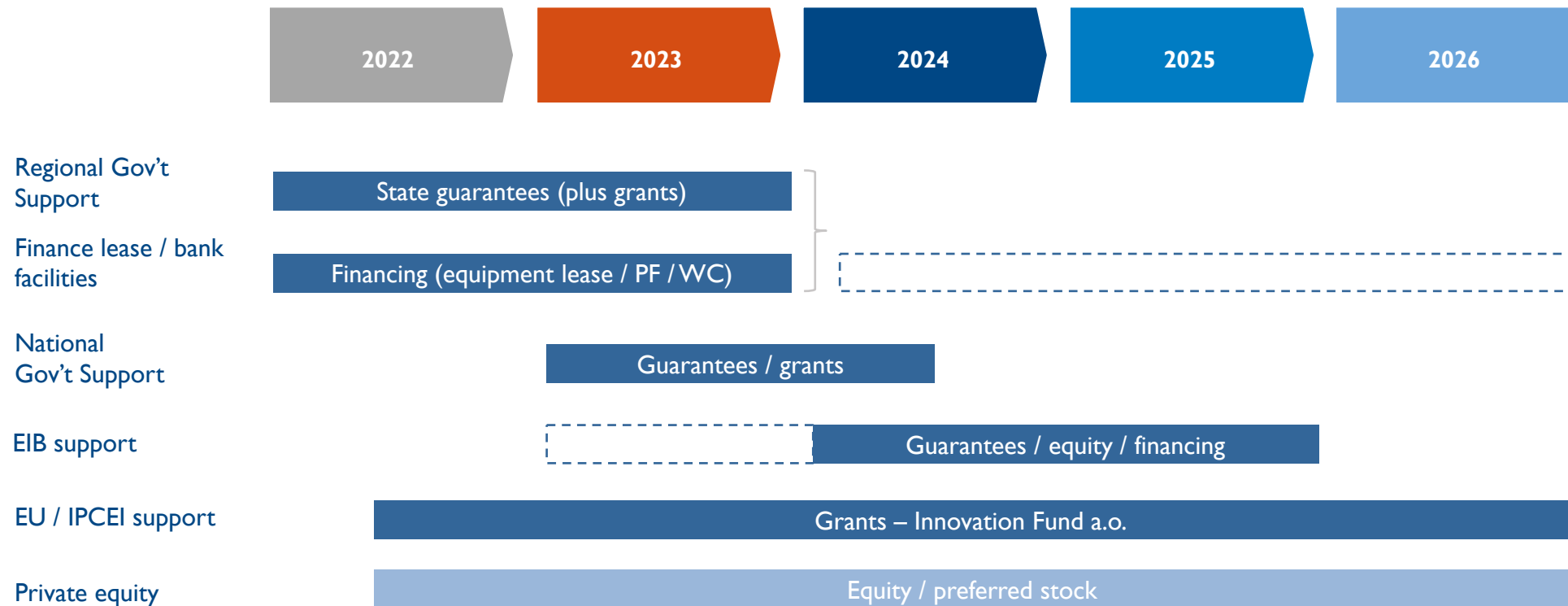
- **ACCELERATE ENERGY SECURITY**
- **MOBILIZE PRIVATE SECTOR INVESTMENT**
- **RESET THE OVERALL LEVEL PLAYING FIELD**
- **IMPLEMENT A STRONG AND SUSTAINABLY COMPETITIVE EU PV VALUE CHAIN, FAST**
- **ACHIEVE VAST JOB CREATION, 5-YEAR PAYBACK THROUGH INCREMENTAL TAX REVENUE**
- **CATAPULT EUROPE TO GLOBAL ENERGY TRANSITION LEADERSHIP**


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## Public-Private Effort



### Hybridizing Public & Private Finance for Required Results





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NEED STATE GUARANTEES TO  
ACCELERATE AND DE-RISK.**

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