

Circulaire geïntegreerde
hoog-rendements zonnepanelen



Voorstel Nationaal Groeifonds 2023 ● Zon-PV

SOLARNL

SunChain Congres

2 oktober 2024

Séance 3A : *Europese PV Waardeketen*

Dick Heslinga

SESSION 3A : European Solar PV Value Chain

Set the Scene

Dick Heslinga

SolarNL Bestuur

ReSi project : poly-silicon

Remco Rijn

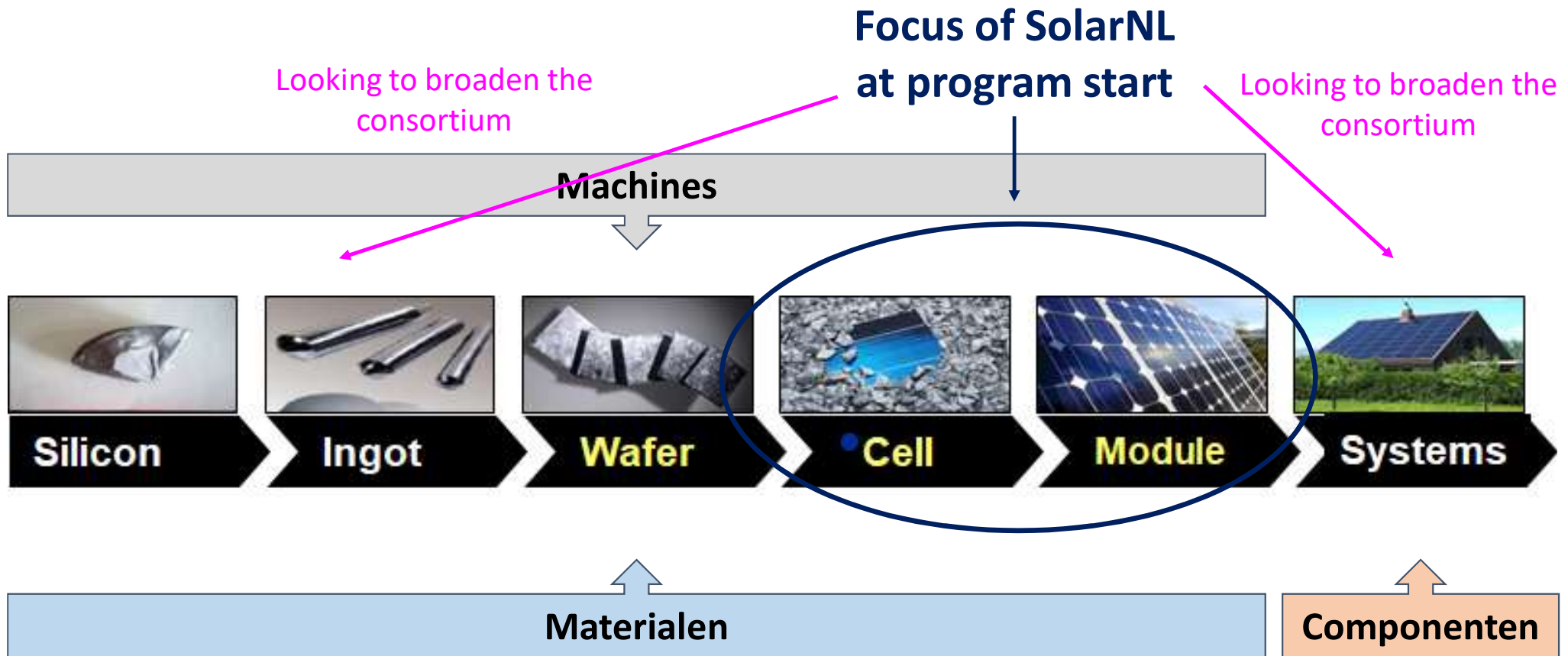
CEO RESi

Taylor electronics: raise kWh/kWp

Rein Westerdijk

Co-Founder Taylor

The Solar PV value chain



HIGH LEVEL EU OBJECTIVE

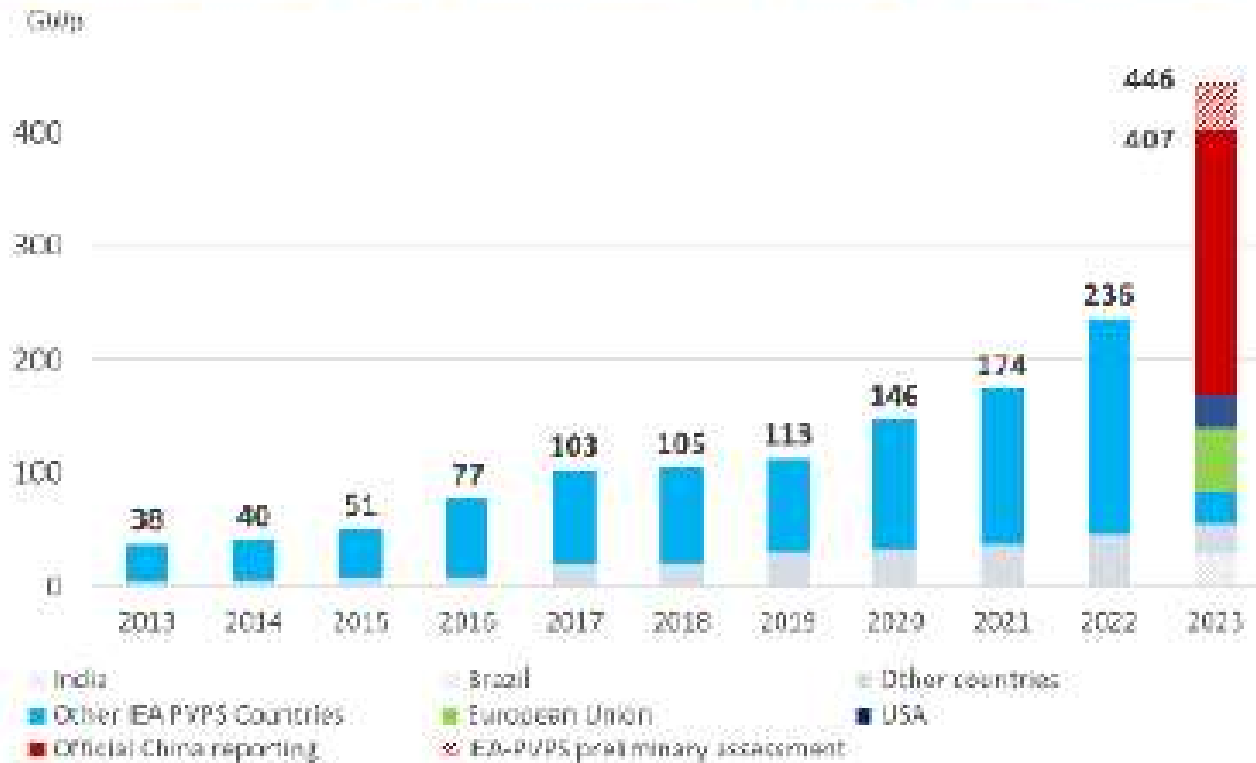
EU goal set in 2023:

**« at least 30 GW of European solar manufacturing,
at each stage of the value chain, by 2030 »**







- **Strategic autonomy in the energy transition**
 - **Capture a part of the business**
 - **Reinforce industrial tissue in EU**

Global PV market accelerating to TW scale

EVOLUTION OF ANNUAL PV INSTALLATIONS

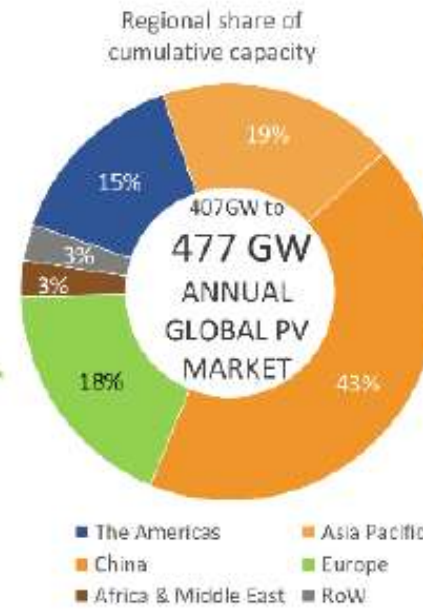
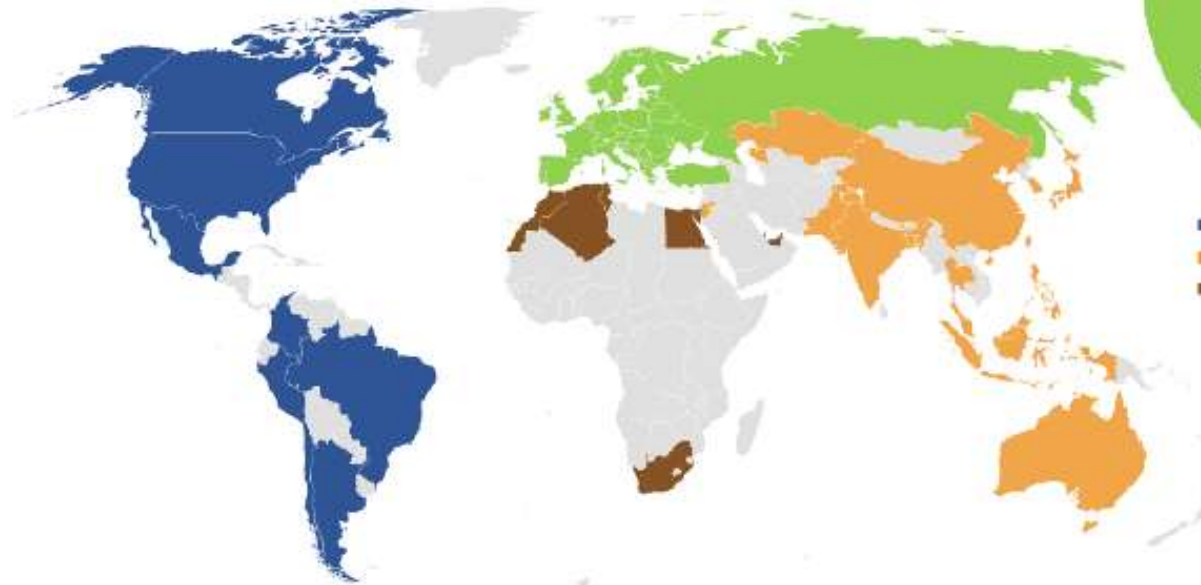
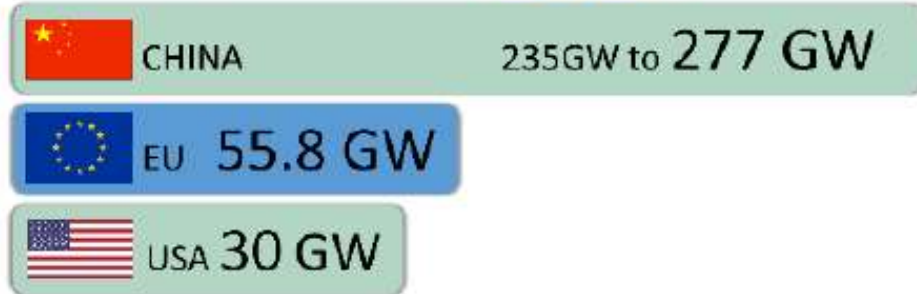


SOLAR PV PER CAPITA 2023 Watt/capita

1 st			1 331
2 nd			1 268
3 rd			974

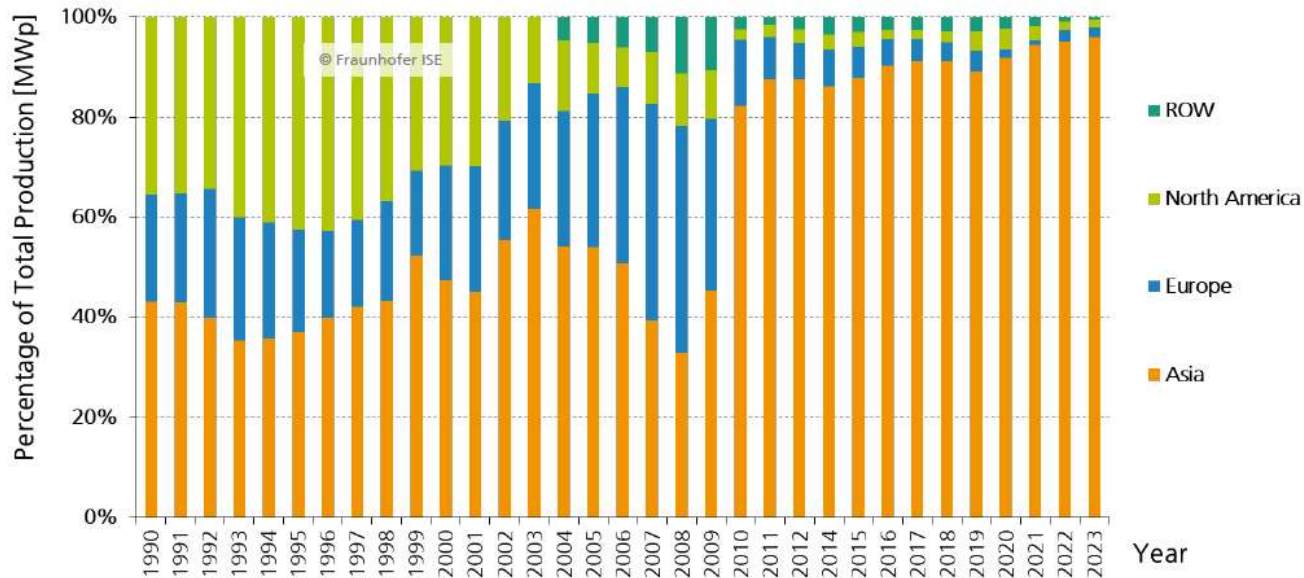
30 GW on the European market ?

TOP PV MARKETS 2023



European PV producers pushed out of home market

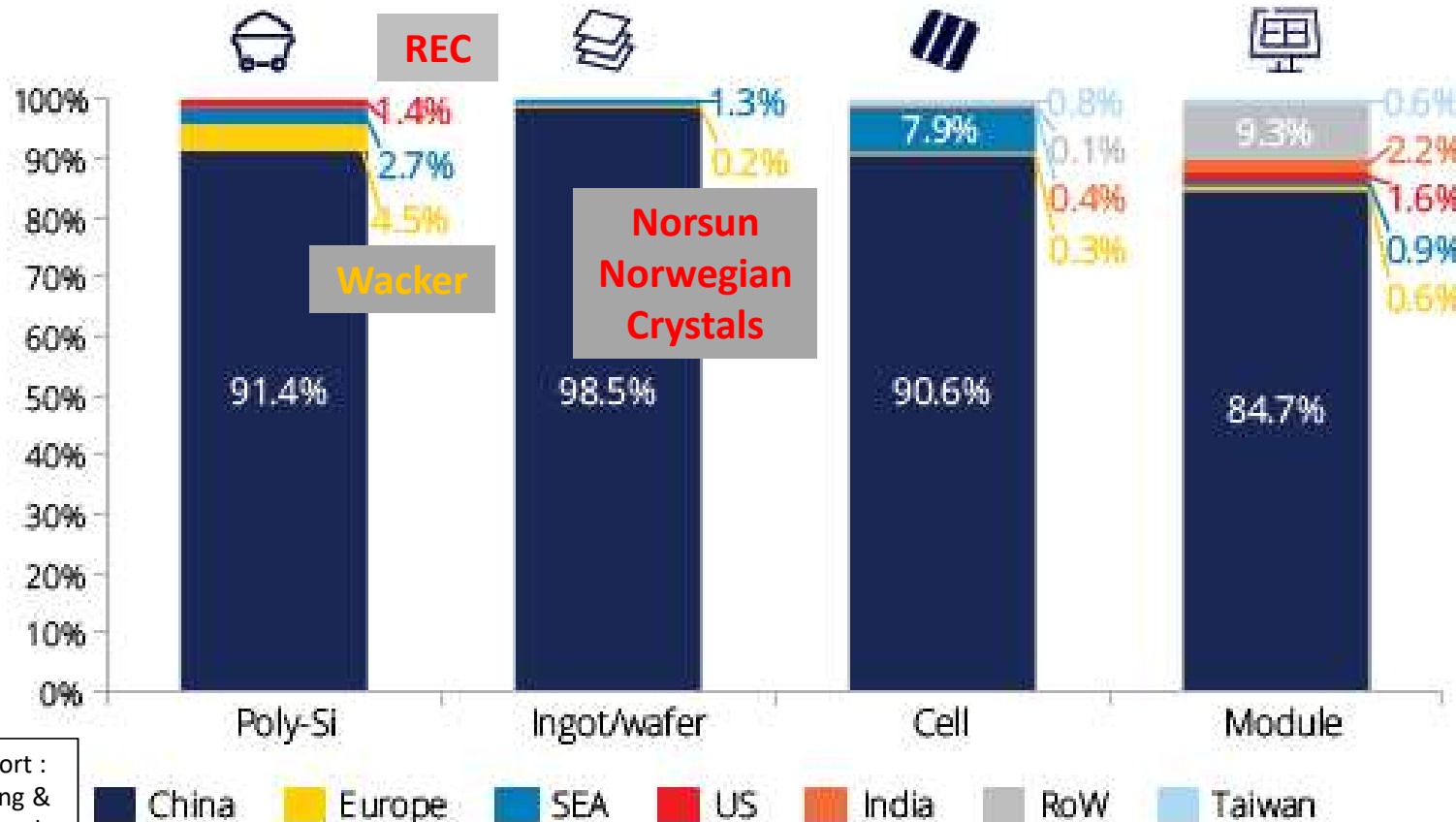
PV Module Production by Region 1990-2023 Percentage of Total MWp Produced



Data: from 2000 to 2009: Navigant; from 2010 to 2021 IHS Markit; from 2022 estimates based on IEA and other sources. Graph: PSE Projects GmbH 2024 . Date of data: 04/2024

And not only module makers: entire supply chain follows

Market share in 2023 global PV manufacturing production⁴

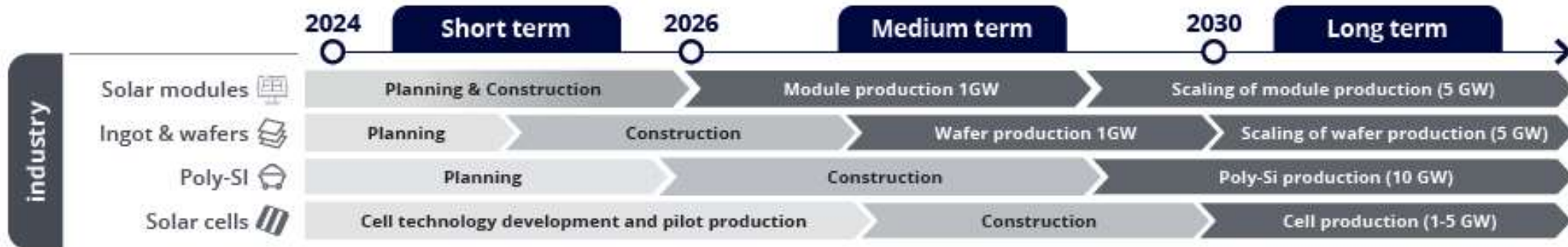


Materials & Components

- Strato : encapsulants
- Borosil / Interfloat
- SMA
- Fronius

PV Cell Tech report :
'PV Manufacturing & Technology Quarterly Report' - April 2023

Benchmark : Australia's view – mid 2024



All join - Proud to be :



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