

**Company Presentation** 



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Develops, builds, owns and operates utility-scale solar power plants



# Scatec Solar

996

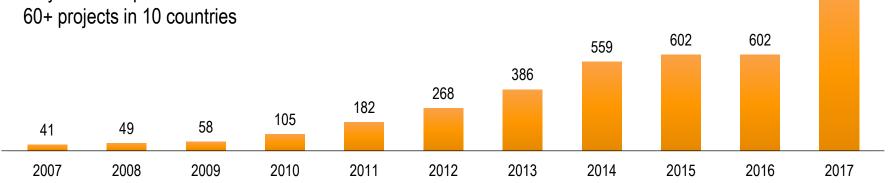
## A solid PV track record on a growth trajectory

### 716 MW in operation and under construction:



### Installation track record (MW):

- 15 years of experience



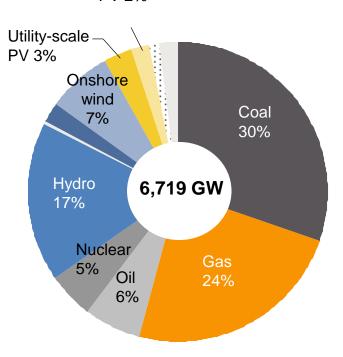
### PV market:

## Solar and wind dominate the future of electricity

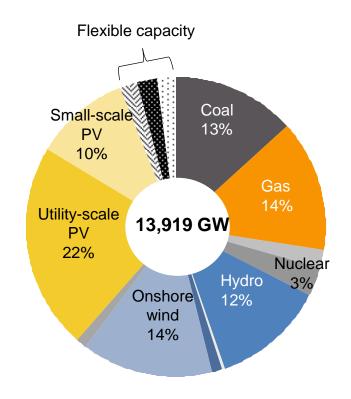


#### Global cumulative installed capacity: 2016

Small-scale PV 2%



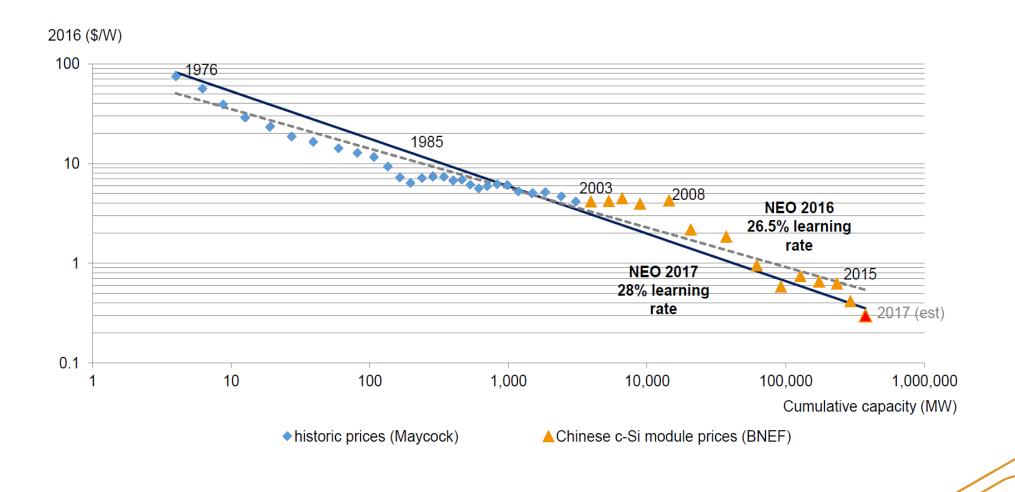
#### Global cumulative installed capacity: 2040



### PV market:

## Solar technology is getting cheaper, faster



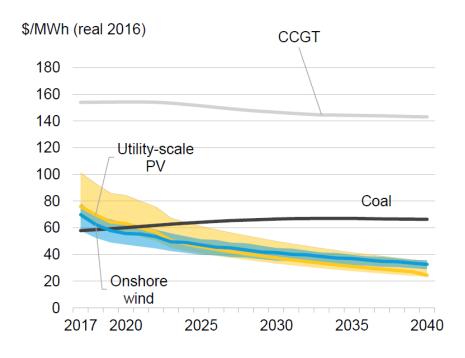


### PV market:

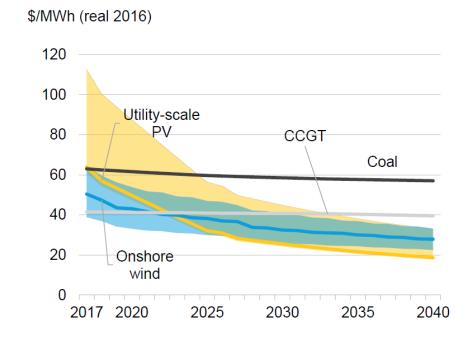
## Tipping point: new vs new



#### China



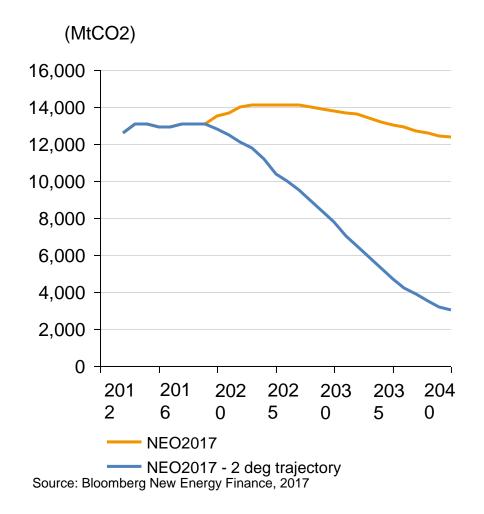
#### U.S.



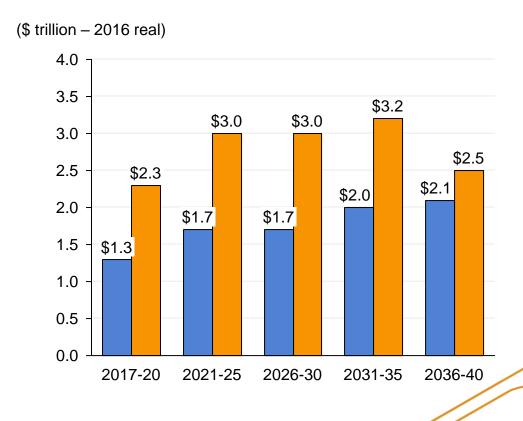
## ...but 2 degree is an additional \$5.3 trillion



#### Global power sector CO2 emissions



#### Total investment in zero-carbon capacity

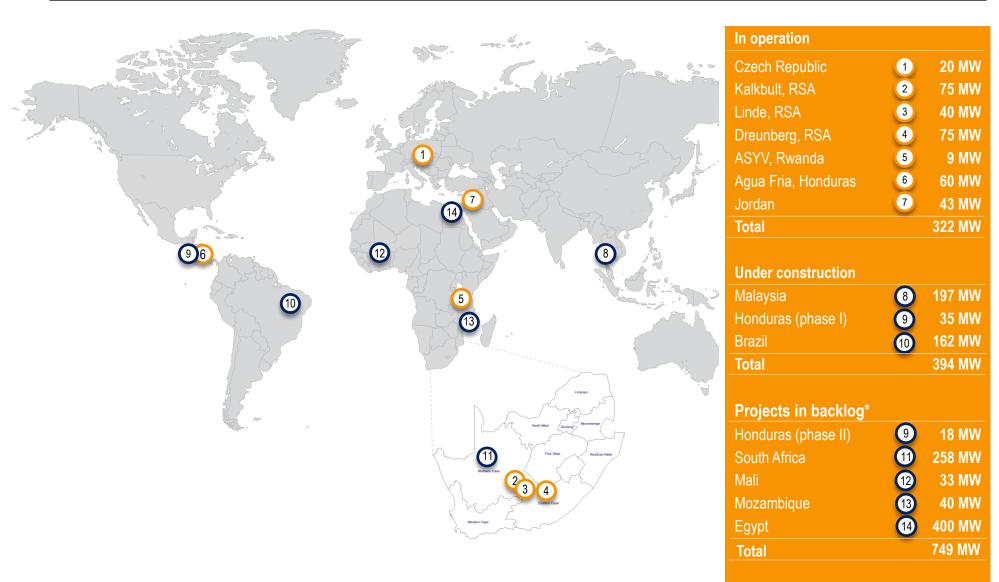


2 degrees

NEO2017

## A growing and diversified asset portfolio





## Malaysia, Honduras & Brazil – construction started



### Malaysia, 197 MW

- 21 year PPA with TNB
- Capex: USD 293 million



#### **Status**

 Financial close on October 6 - issued world largest green sukuk bond - 18 year tenor

#### Honduras, 35 MW, phase 1

- 20 year PPA with ENEE
- Capex: USD 80 million



#### **Status**

 Construction started early July 2017 to comply with timeline in the PPA

#### Apodi, 162 MW

- 20 year PPA with CCEE
- Capex: USD 215 million



#### **Status**

 Construction start in October 2017 – grid connection expected second half of 2018

## Egypt, South Africa, Mozambique and Mali



### Egypt, 400 MW

- 25 year PPAs with Gov of Egypt
- Capex: USD 450 million



#### Status

Financial close at end of October 2017

#### South Africa, 258 MW

- 20 year PPA with Eskom
- Capex: USD 370 million



#### **Status**

 Timing of financial close relies on alignment between Eskom and the various government bodies

#### Mozambique, 40 MW

- 25 year PPA with EDM
- Capex: USD 76 million



#### **Status**

- All permits secured for the project
- Good progress on debt and equity structuring

#### Mali, 33 MW

- 25 year PPA with Energie du Mali
- Capex: USD 56 million



#### **Status**

 Board approval obtained for IFC project finance and for Partial Risk Guarantee from the World Bank

## **Developing more than 2 GW of opportunities globally**





### **Typical market characteristics:**

- Strong demand for new and clean power and solid solar irradiation
- Renewables programme under establishment / early phase
- Active support from development banks / DFIs

## Partnering with Governments and Development banks



- As cost of solar continues to decline governments are looking to solar to cover their power needs and grow the economy
- Governments in emerging economies find private/public partnerships very attractive implementation model (IPPs)
  - Converts capex to opex
  - Development banks and private players provide funding
  - Kick-starting the market with built up of solar know-how / employment
- Multilateral development banks typically with a long standing presence and experience in the country
  - Important lender to infrastructure projects for the governments
  - · Non-recourse project finance lending
  - High standards on Environment, Social, Governance
- Project structures and contracts designed to mitigate risk (political financial, compliance etc)





















## Strong focus on project execution



### Engineering & Design

- Early phase assessments
- Execution planning

### Procurement & Logistics

- Local supplier development
- Global framework agreements on key components
- Fulfilling local content requirements
- Logistics and customs clearance

## Project management & execution

- Construction sequence and contingencies
- Feedback and learning to increase efficiency

## Testing & Commissioning

- Close cooperation with grid operator
- Ensure optimal feeding of power to grid
- Advising grid operator on PV specifics









- Solar plants embedded in local communities in emerging economies for 20-25 years
- Economic activity is of vital importance to both countries and communities
- Local suppliers, local employees and good relations with local communities impact performance, cost and risks
- Environmental and Social Impact Assessments are undertaken at the start of the project phase
- Community relations, social and environmental impacts are managed as an integrated part of the business
- Specialist advisors engaged to manage CSR and Economic Development programs

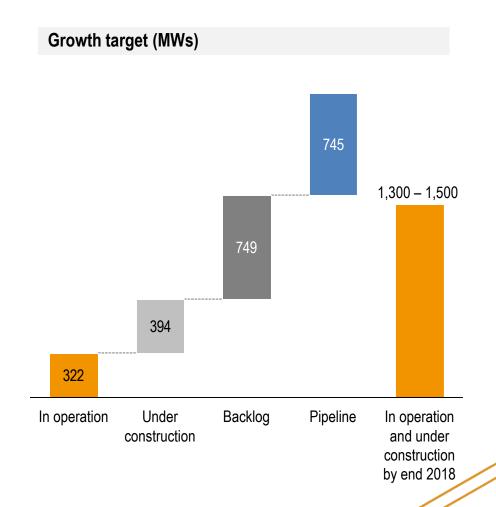




## PV market towards 2020



- The global market will continue to expand
- Emerging markets take advantage of reduced electricity prices to support growth
- Scatec Solar is expanding geographic reach in emerging markets applying our integrated business model





Thank you

### Our values

- Predictable
- Driving results
- Changemakers
- Working together

