

# SOLAR POWER AFRICA

Creating Future Leaders Where It Matters  
What are the challenges facing youth in solar PV

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17 February 2022



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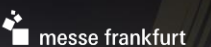
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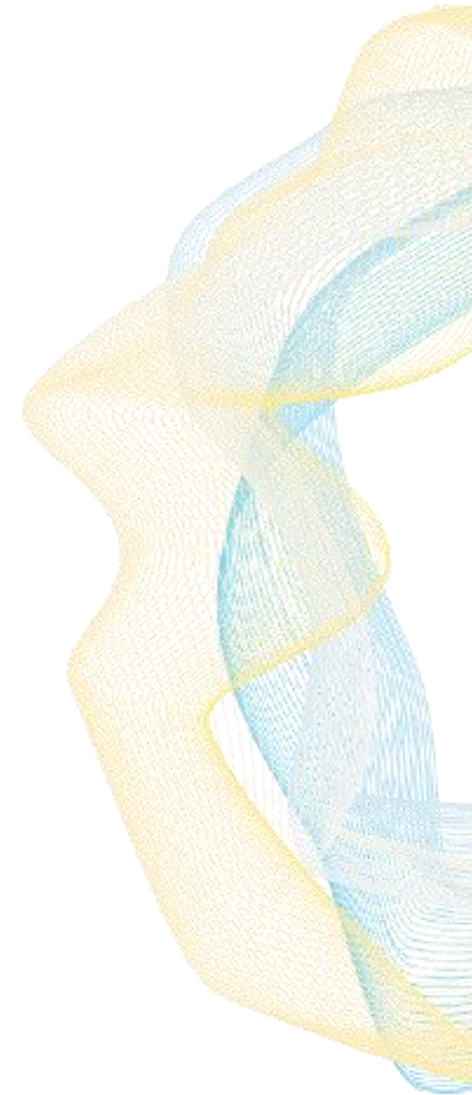
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- 01 Understanding what makes a successful Solar Project
- 02 Training, mentorship and exposure
- 03 Active engagement in solar relevant industry bodies ( i.e. SAPVIA)
- 04 Silver Lining: Opportunities amongst the challenges



01

# Understanding What Makes A Successful Solar Project



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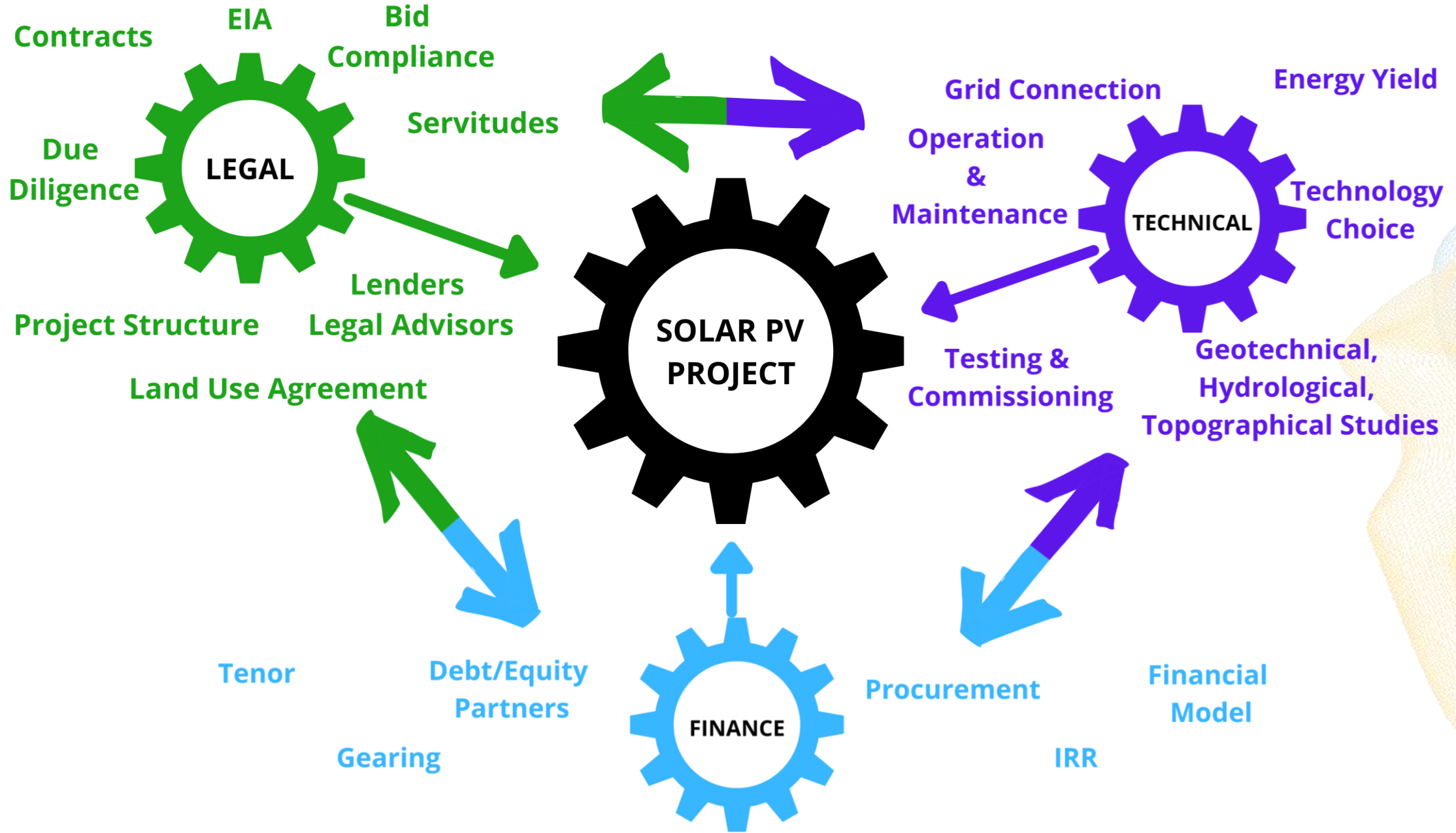


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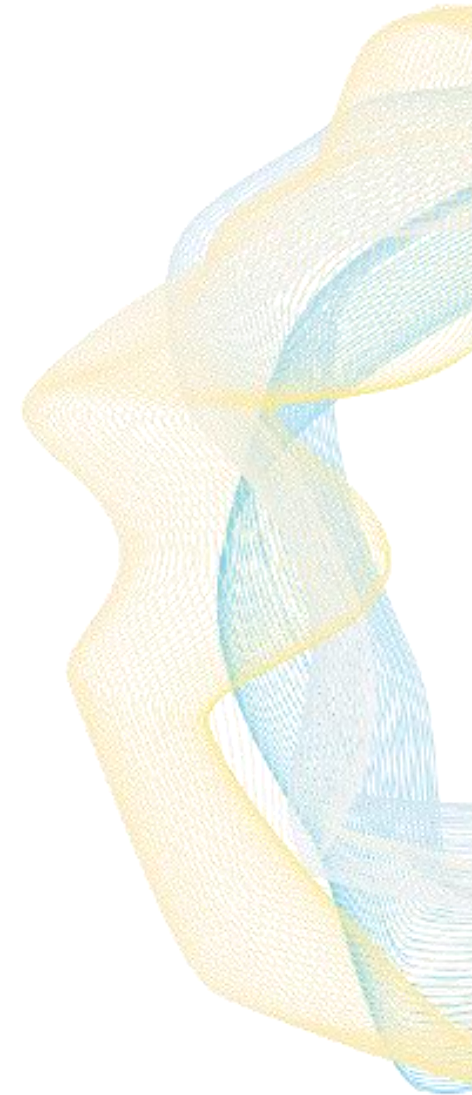






# 02

## Training, Mentorship and Exposure



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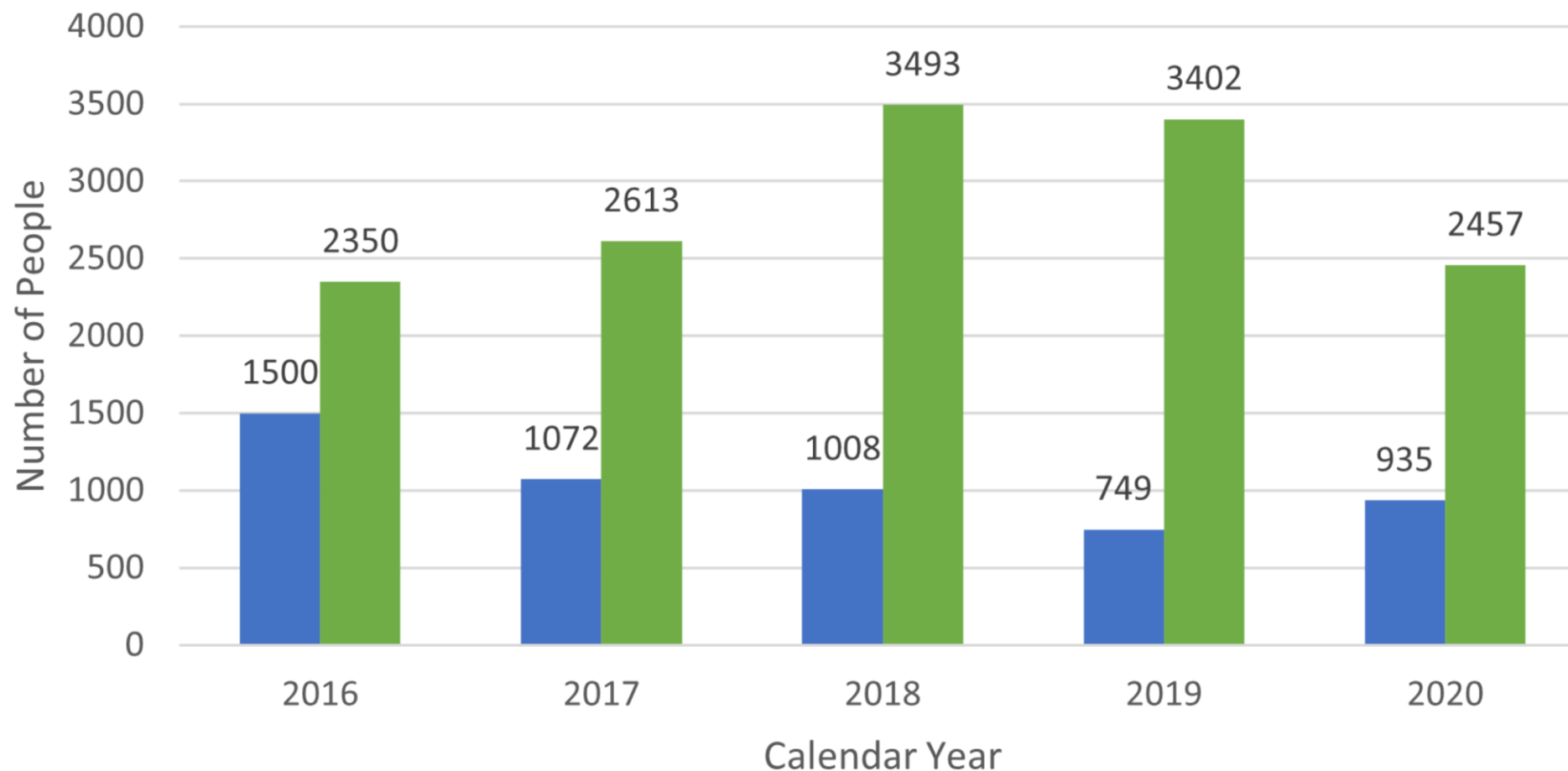
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## New Registrations with ECSA (2016 - 2020)



**Professional Registrations**

**Candidate Registrations**

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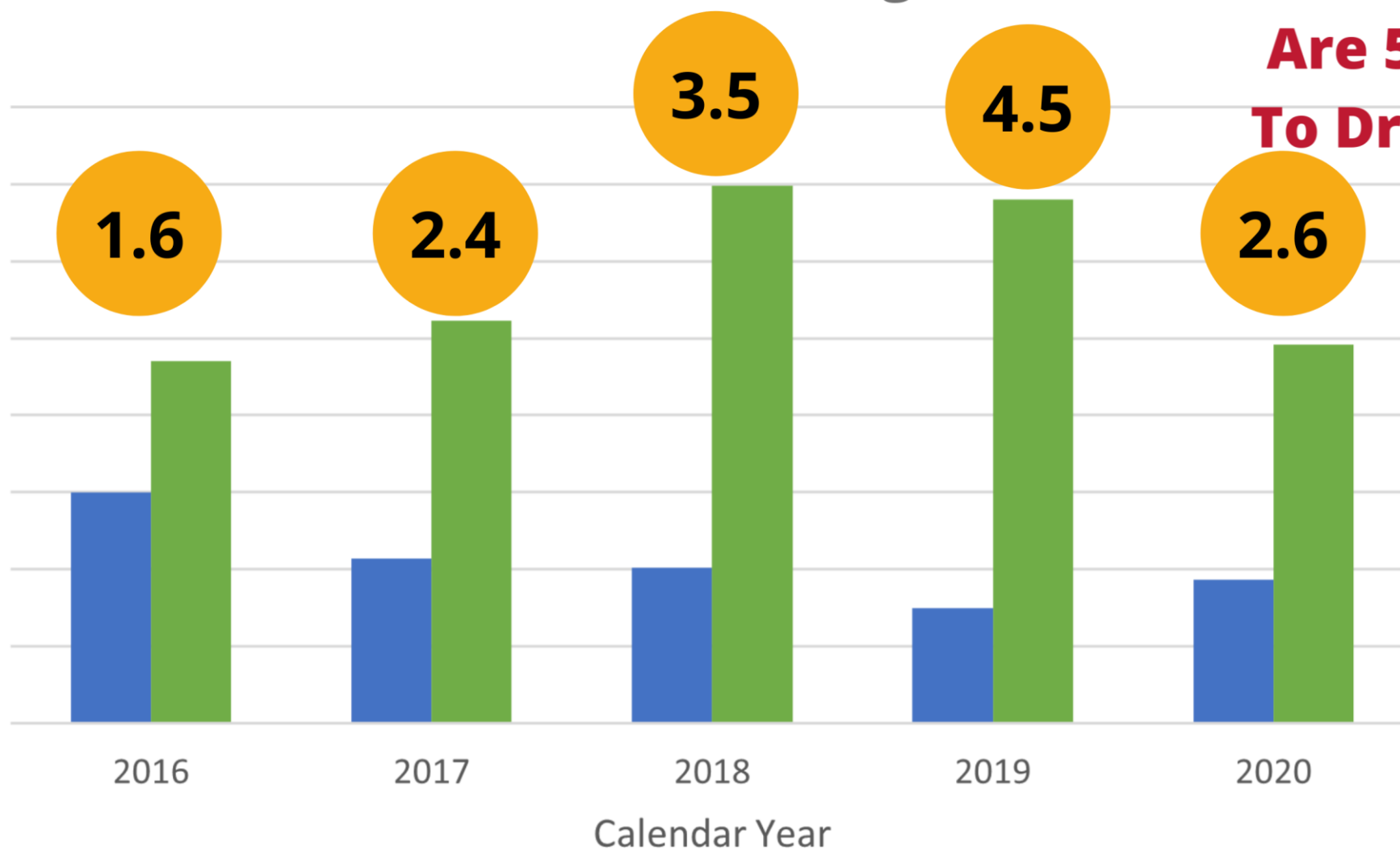
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# Ratio of Candidate Engineers: Professional Engineers



**Are 5 years Enough To Draw Conclusions**



Average for the Period



**2.9**

Includes: Engineers, Engineering Technologists, Certified Engineers and Engineering Technicians

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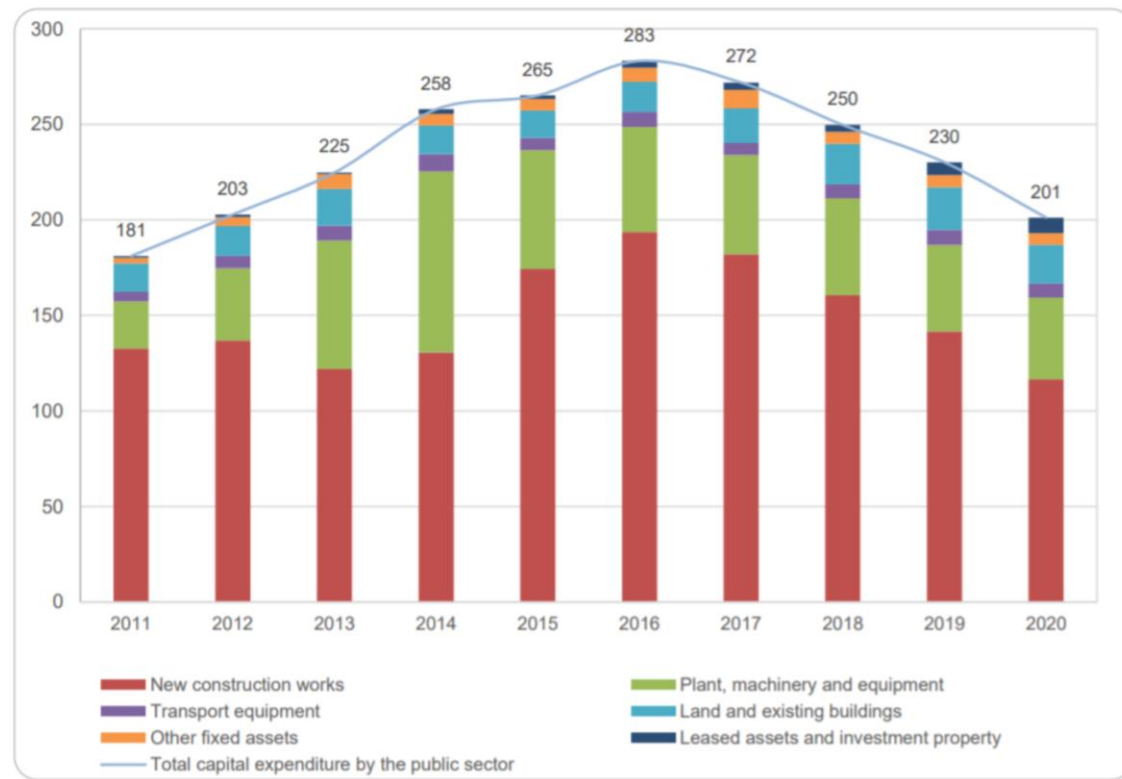
### Ratio of Candidate Engineers: Professional Engineers (2011 - 2020)

RFP Release Year: REIPPPP Program



Young Engineers are a lot more susceptible to **macroeconomic changes**

Figure 2 – Total capital expenditure by public-sector institutions from 2011 to 2020 (R billion)

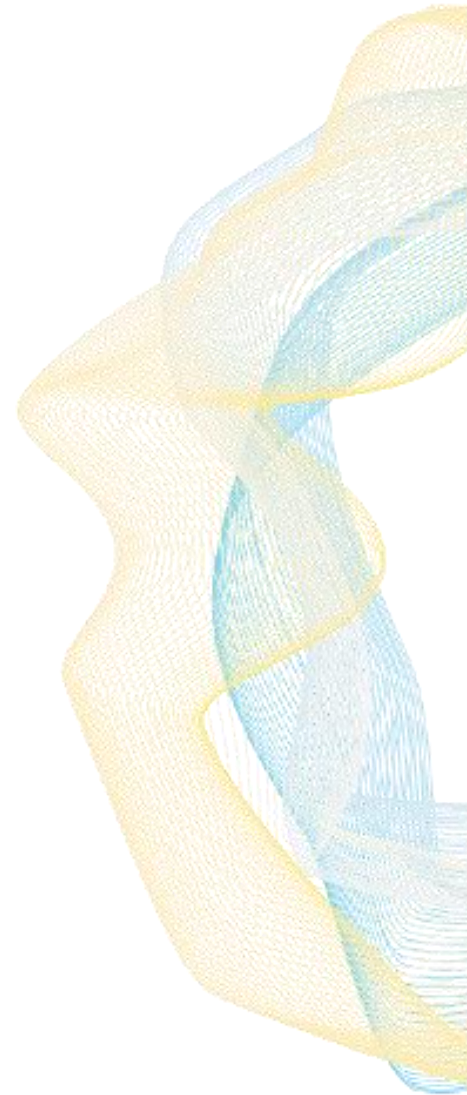


Reference: Statistical release P9101 “Capital Expenditure By public sector for 2020” - StatsSA



# 03

## Active engagement in solar relevant industry bodies



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CLICK HERE TO BE A SAPVIA MEMBER NOW



# WORKING GROUPS

- Environment
- Assets
- Grid Access
- Policy
- Gender Diversity

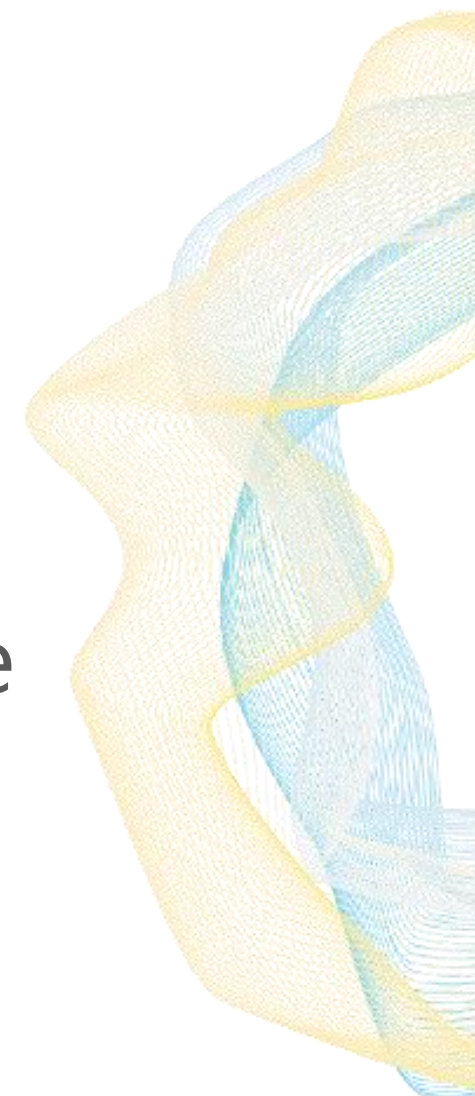
- Distributed Generation
- Skills for PV
- Manufacturing
- Technical
- SED - ED

**The Key is  
to make future  
energy leaders  
aware, and encourage  
involvement**



# 04

## Silver Lining: Opportunities amongst the challenges



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Silver Lining: Opportunities amongst the challenges

- 1. Energy Transition (i.e. every body is still learning)**
- 2. Mature Standards and Energy Supply Industry**
- 3. Flagship REIPPPP program with more opportunities set to open up in the C&I and Corporate PPA Space**
- 4. Eager Young energy professionals looking to contribute**
- 5. Opportunities for solar relevant industry bodies to create youth focused working groups to galvanize greater participation.**





**THANK YOU**



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# SOLAR POWER

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