



C E S A

Consulting Engineers South Africa

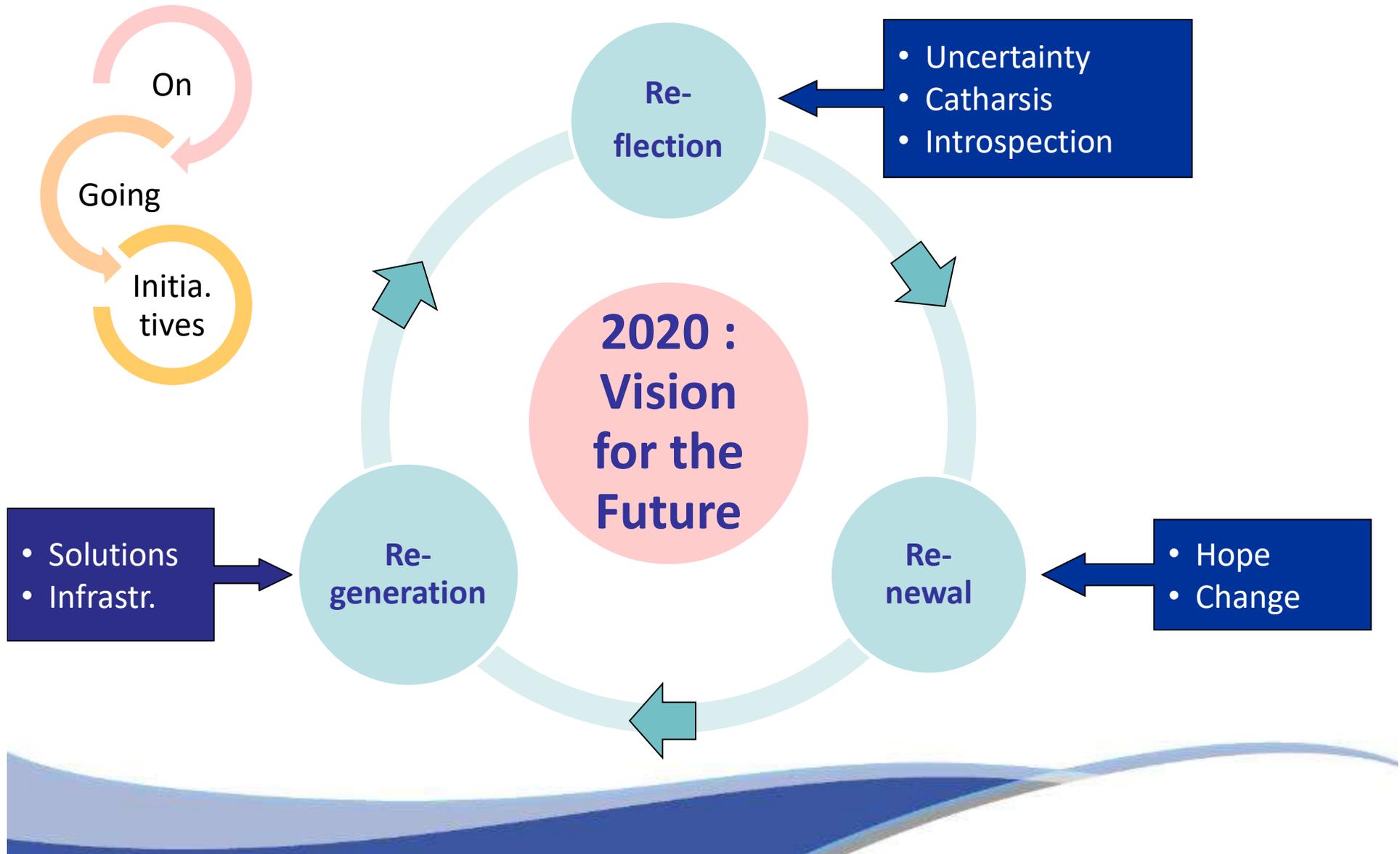


Your Partner in Enabling Consulting Engineering Excellence

2020 - A TIME FOR REFLECTION, RENEWAL & REGENERATION

Sugen Pillay PrEng
President

2020 - A TIME FOR REFLECTION, RENEWAL & REGENERATION



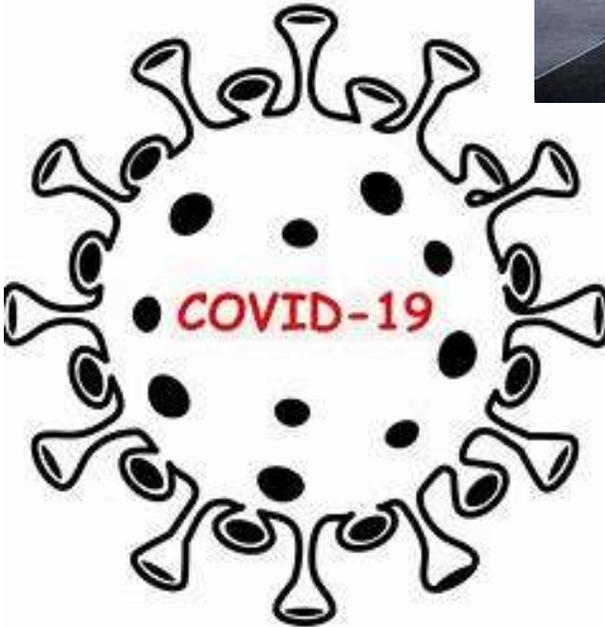
!!!CRISIS!!!



Humanity

Business

Employees



Inequality

Access to Basic Services



REFLECTION



REFLECTION *(cont.)*



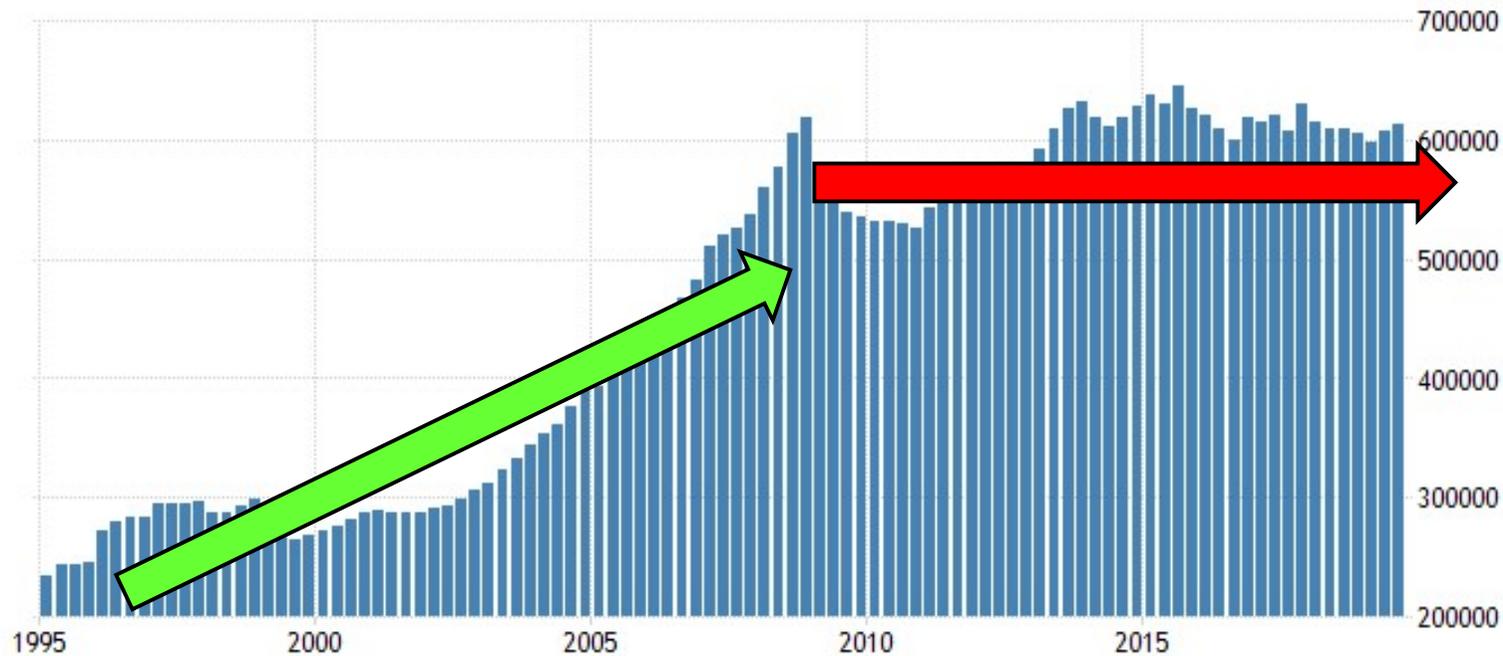
Upward trend 2006 – 2011. Downward trend 2011 – 2017



REFLECTION *(cont.)*

➤ Gross Fixed Capital Formation

- Exploded in the early 2000's
- Stagnant over the last few years



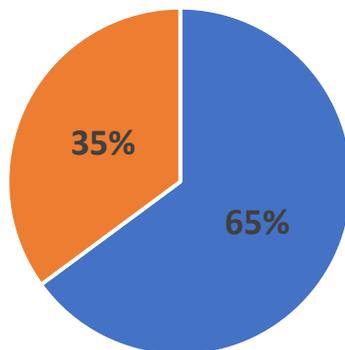
SOURCE: TRADINGECONOMICS.COM | SOUTH AFRICAN RESERVE BANK

REFLECTION *(cont.)*

BBBEE

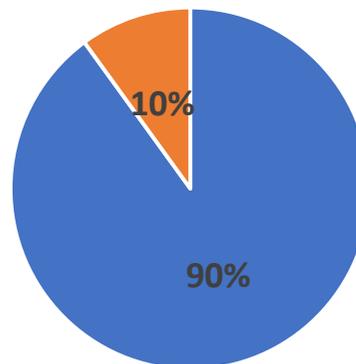
-  Has resulted in opportunities for a large number of firms
-  CESA membership (approx.)
 -  65% majority Black Owned
 -  10% Black Women Owned greater than 30%
 -  66% Level 1 and 2

Black Ownership



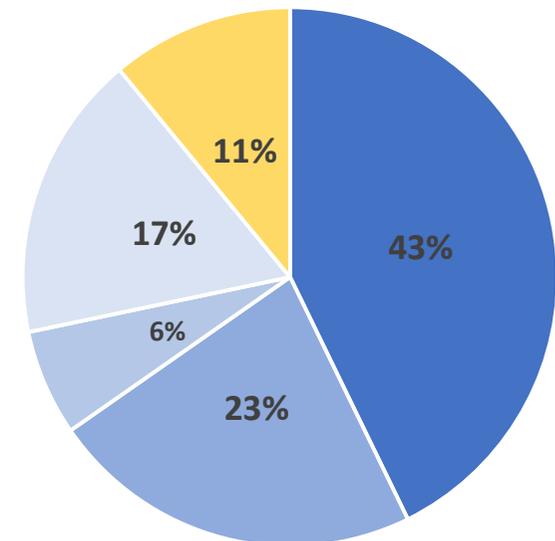
■ BO ■ <51% BO or Unknown

Black Women Owned



■ BWO < 30% ■ BWO >= 30%

BBBEE Level

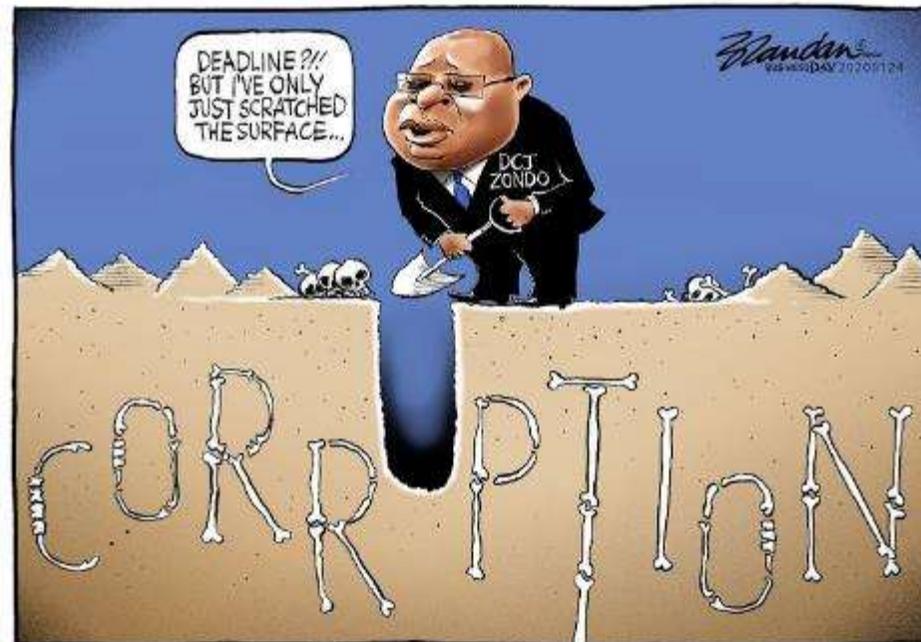


■ Level 1 ■ Level 2 ■ Level 3 ■ Level 4 ■ > Level 4

RENEWAL

➤ Zondo Commission

- Scale of the problem – “broad based corruption”
- Painfully and frustratingly slow
- Excellent work that is being done
- CESA’s core principles – ethics and integrity



RENEWAL *(cont.)*

AG's office – Added powers

- Recommendations must be implemented
- Audit outcomes improve – longer term results
- Unintended consequences – personal liability
- Balance – officials empowered to make decisions
- Improve inter govt. communication

RENEWAL *(cont.)*

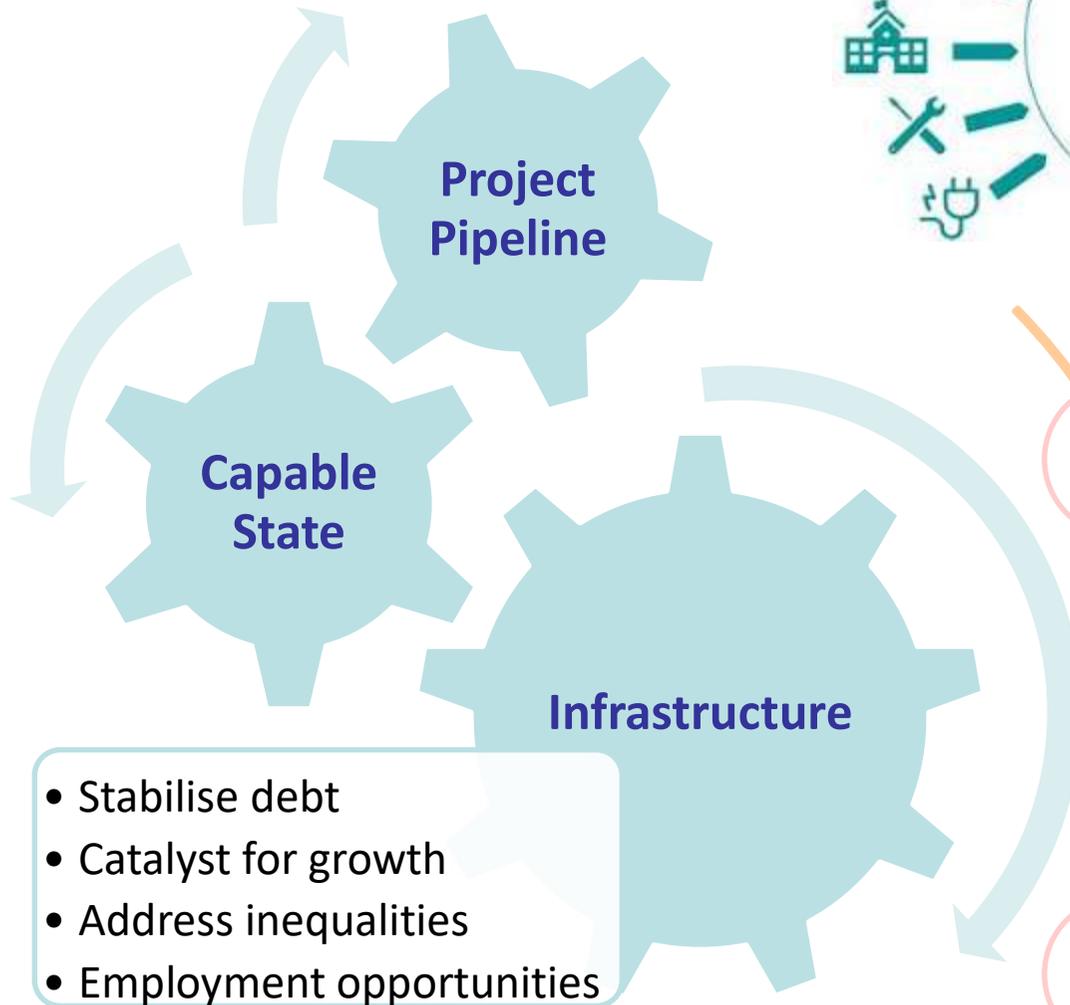
State Capacity

- Criminal Justice sector
- Large infrastructure dept's. – DPWI, DHSWS, Eskom, etc.
- Concern – ability to attract professional staff

Successful Programmes

- IPP Programme
- Address electricity crisis, project pipeline

REGENERATION



IIO - Sustainable Infrastructure Development Symposium

President - "Infra. Is the Flywheel of the Economy"

Investment Ready Projects - "Network Industries"

REGENERATION

- IPP, SANRAL Concessions
- BOTT, DBOT, etc.
- Replicate

**Models
for
Delivery**

**Capable
State**

- Leadership
- Public vs. Private Capacity
- Short term interventions

**ECONOMIC
RECOVERY**

**Infra. &
Invest.
Office**

- Catalytic Projects - NDP
- Lack of capacity - MYTH!

**CONSTRUCTION
INDUSTRY
RECOVERY**

**Pan-
African
Growth**

- Afro-centric approach
- SA Chair of the AU
- Export councils

**District
Dev.
Model**

- Fix LG
- Political Will

REGENERATION

- Private sector - early adopters
- Empower the state

**CIDB –
RoPSP's**

- PSP's to be registered
- Screening and Accountability
- Structure of Register?

**Embrace
Tech.**

**CONSTRUCTION
SECTOR
RECOVERY**

**ECSA
Collab.**

- Fee Guideline
- Scope of Services

**New
Normal**

- Client interaction
- Outcomes based
- Empower our people

QCBS

- Competitive Sourcing
- NOT Lowest Cost
- Quality/Functionality

CONTINUING CESA INITIATIVES

- Transformation
- Management Development Programme
- YP Leadership Seminars
- Graduate and Retired Professionals database
- Greater engagement with all Stakeholders
- Recognising and celebrating Excellence in Engineering



CONCLUSION

- Embrace the change, and contribute positively
- Highlighted some of the key industry concerns
- CESA ready to assist in developing a Capable State –
People are the heartbeat of any org.
- Rally around a common vision!
- Make SA one big construction site!

**‘CESA – THE APEX ORGANISATION FOR CONSULTING
ENGINEERS IN SOUTH AFRICA’**





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Consulting Engineers South Africa



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Thank you!