

Engineering in South Africa: Using Electrical and Mechanical Engineering to Solve Real Problems

Presented by

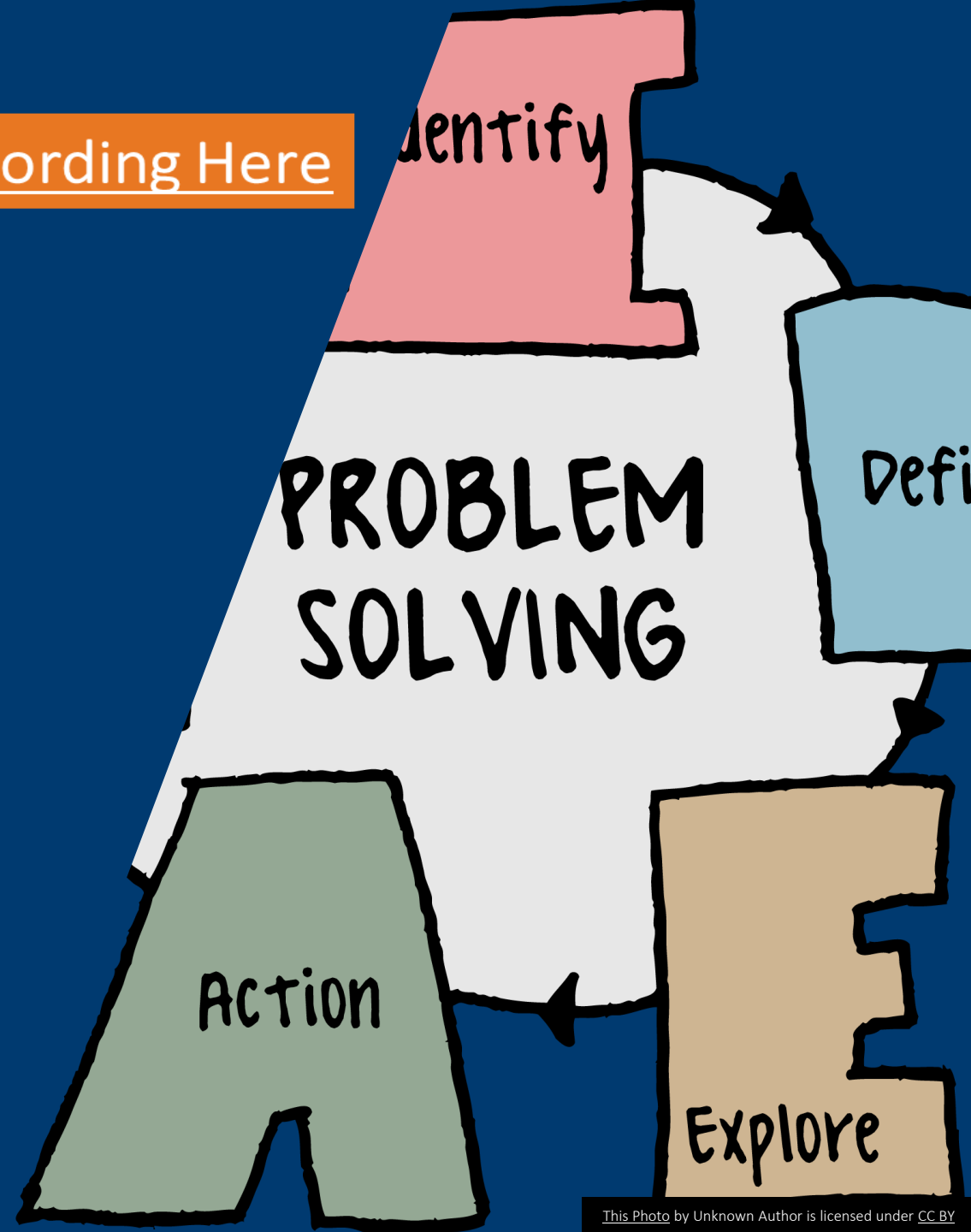


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Head of Academics



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The Engineering College of Science and Technology (Pty) Ltd is provisionally registered with the Department of Higher Education and Training until 31/12/2028 as a private higher education institution under the Higher Education Act, 1997. Registration certificate no. 2025/HE07/007.



About ECST



Our mission is to provide accessible industry-related engineering education that equips school leavers and other motivated learners with practical skills, mentorship and real-world experience, empowering them to transition confidently into meaningful employment, entrepreneurship, and community impact in South Africa and beyond.



Affordable, Career-Ready Education



Flexible Blended Learning Model



Clear Pathway to International Master's Degrees*



Hands-On, Practical Skills



Taught by Experienced Engineers



Centrally Located in Midrand



Engineering-Focused Institution

* Terms & Conditions Apply

Upcoming webinars

- **The Future of Engineering: AI in Engineering**
Online | 29 July 2026 | 17:00 – 18:00
- **What Do Engineers Actually Do?**
Online | 12 August 2026 | 17:00 – 18:00

Upcoming event

- **ECST Open Day – August 2026**
In-Person | 22 August 2026 | 09:00 – 12:00

Upcoming Course

Engineering College of Science and Technology (ECST)

South African accredited qualification & ECSA-endorsed

Start Date

Bachelor of Engineering Technology in Electrical Engineering

03 August 2026

2027 Intake

Engineering College of Science and Technology (ECST)

South African accredited qualification & ECSA-endorsed

Start Date

Bachelor of Engineering Technology in Electrical Engineering

February 2027



Agenda

1	Infrastructure & Energy Challenges
2	Community & Economic Development
3	Local Challenges as Opportunities for Innovation
4	References

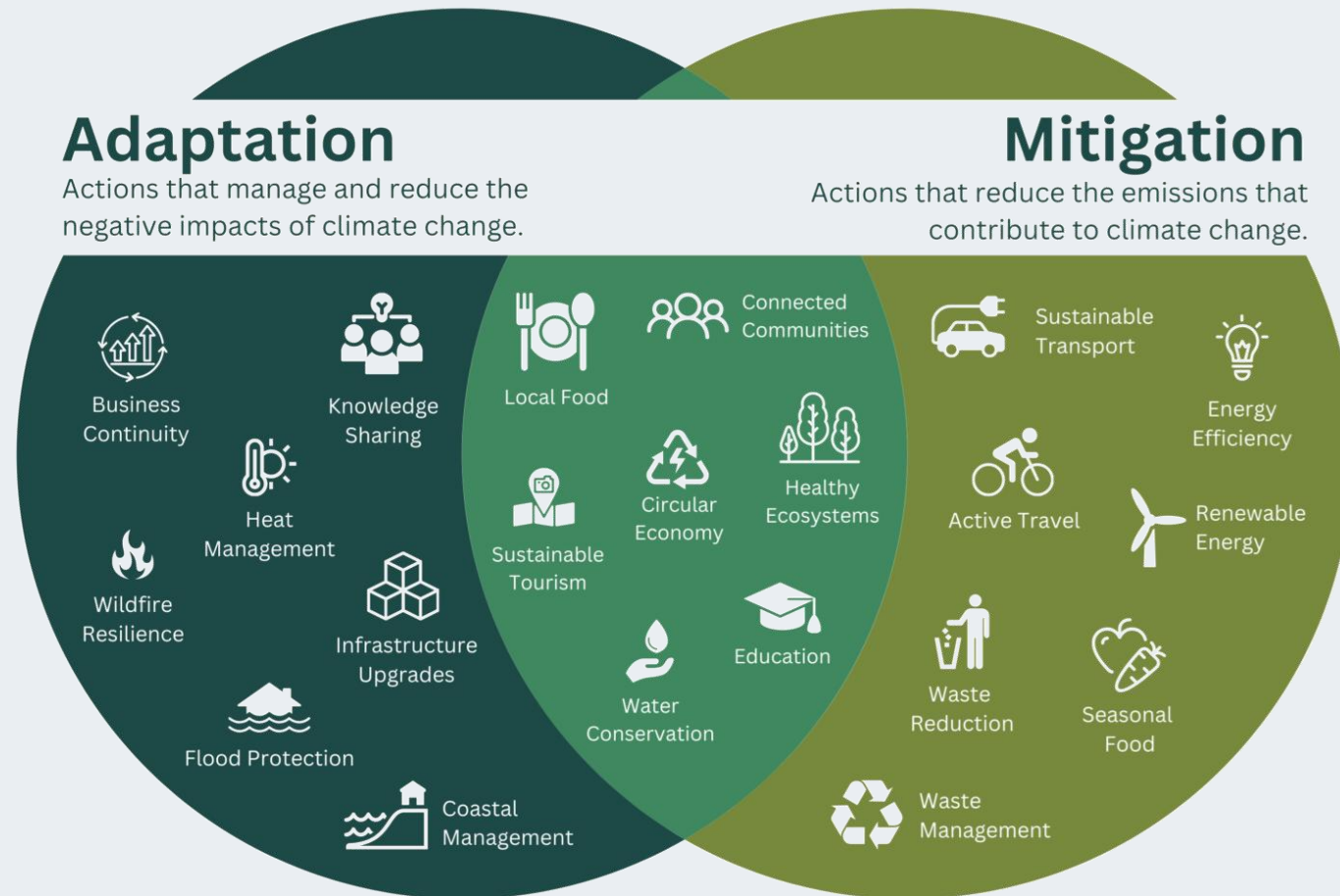
1. Infrastructure & Energy Challenges



2. Community & Economic Development



3. Local Challenges as Opportunities for Innovation



4. References

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2. <https://cdn.24.co.za/files/Cms/General/d/3835/8a618cfbd0284ed6bee84477e340bad6.jpg>
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Thank You!

Q&A