



GREEN CONSTRUCTION HEALTH AND SAFETY

**“INTEGRATING PRIMARY
CONSTRUCTION HEALTH AND SAFETY
ELEMENTS IN A GREENING SA
ECONOMY”**

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According to the CIDB's Construction Health and Safety in South Africa – Statistics and Recommendations Report (2009)...

“Strengthening the influence of project managers in construction H&S requires leadership, guidelines and tools, capacitation and legislative interventions.”

How do we do it?

Part One: SA Construction Health and Safety Culture –
How **GREEN** are we?

Part Two: Everything rises and falls on the CPM & CM
leadership.

Part Three: “Mind The Gap” – future construction H&S
projections and their implications.

Conclusion (Challenge to CPM & CM's)



GREEN = represents the colour of “life”
and is synonymous with “life”.

**It stems from the Old English verb (700AD)
“groeni” = “to grow”**

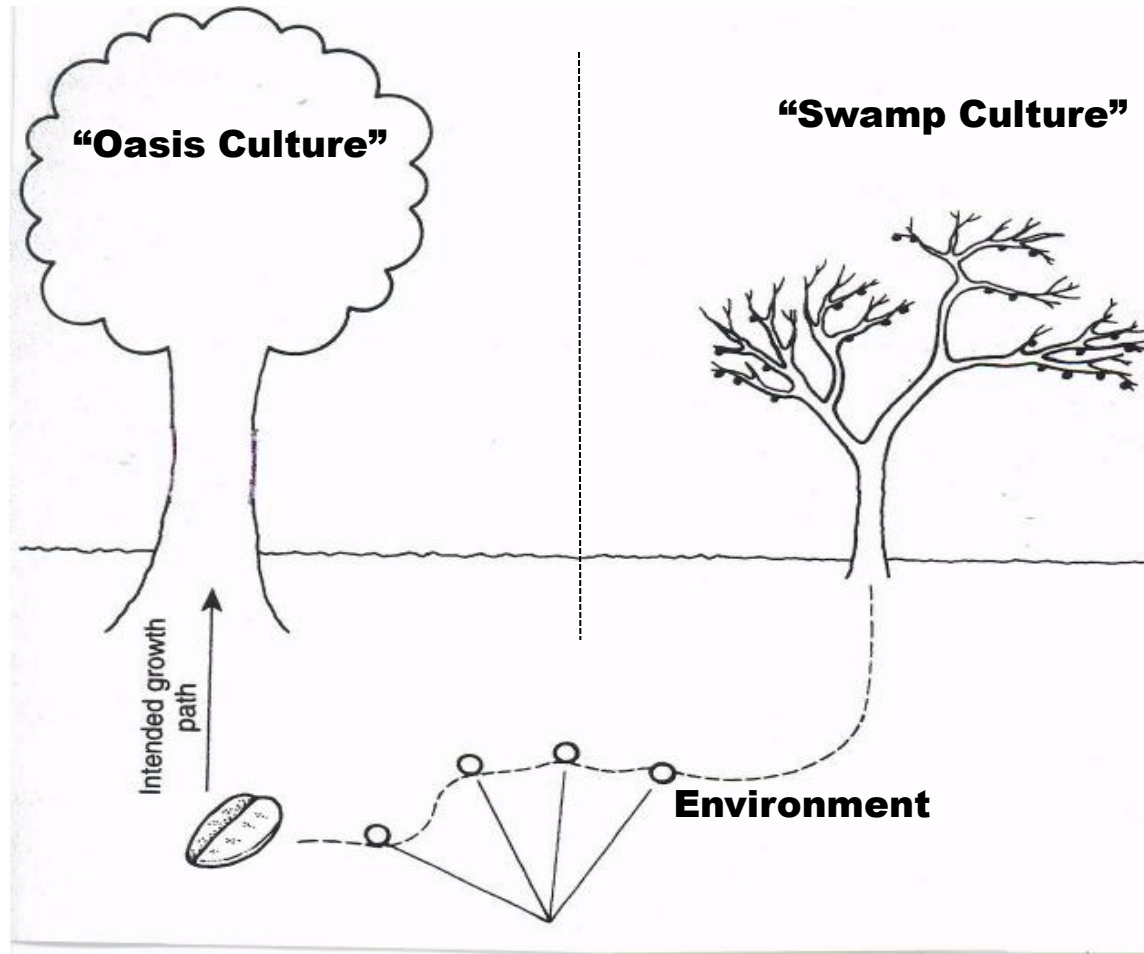
Part One: SA Construction H&S Culture – How GREEN are we?

Definition of “Health & Safety Culture”

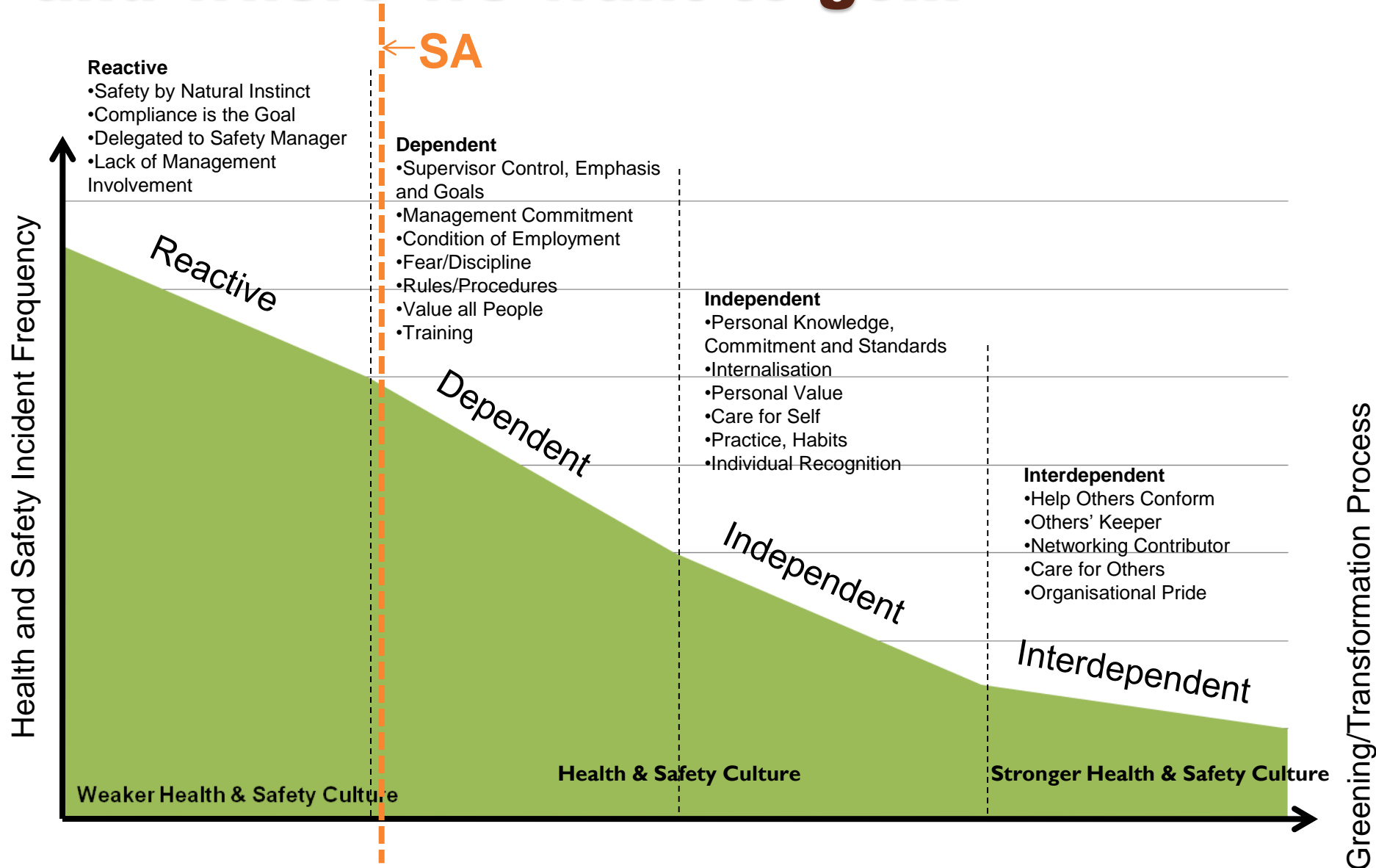
“as consisting of shared values (what is important) and beliefs (how things work) that interact with an organisation’s structure and control systems to produce behavioural norms (the way we do things around here)”

(IOSH, UK)

SA's Construction Health & Safety "Culture"



This graph shows us where we are and where we want to go...



What Challenges do the CPM & CM face?

- Low awareness of “client” base:
 - Misinformed
 - Have been informed, but with incorrect information
 - Interpreting the law without legal/professional guidance
- Ignorance of “client” base:
 - Apathy: who cares, nothing will happen to me!
- Non-existent best practice for the Construction H&S (lack of professionalism).
- Reactive mentality of the Industry – sort it out when it happens.
- No clear leadership in the Construction Health & Safety Industry.

Internal Challenges faced by CPM & CM

- Understanding customer H&S requirements – to add value.
- Understanding internal customer's (the employee) H&S requirements – so that there is “value add” on projects.
- Where does the CPM & CM's legal liability begin and end.
- Staff development/training requirements - (career pathing and CPD) – need to focus on the most precious resource that we have.

Part Two: The GREENING of Construction Health and Safety Rises and Falls on the CPM and CM's Leadership?

As professional CPM and CM's, you may have been given authority on projects, but it is now time to take *authority and be responsible* in taking on the health and safety leadership.



Where do you begin the **“GREENING”** Process?

GREEN H&S Culture

Decision

Responsibility

Swamp H&S Culture

YES

NO

The “GREENING**” Process Requires Leadership Commitment to the Following Eight Primary Elements (PE)**

*Your commitment requires you to go beyond mere
legislative compliance!*

- CPM/CM PE One:

must demonstrate a tangible commitment to developing a H&S culture within your practices/companies

- CPM/CM PE Two:

must demonstrate construction H&S leadership at all stages of a construction process – “walk the talk”

- CPM/CM PE Three:

must strive to develop co-operative business relationships to ensure that time, cost and quality objectives do not compromise your commitment to construction H&S

- CPM/CM PE Four:

must ensure that H&S is considered in the design, constructability and maintainability of the structure and hazards must be eliminated at the early stages



- CPM/CM PE Five:
must ensure that effective consultation and communication arrangements are in place, so that all parties are aware of their responsibilities
- CPM/CM PE Six:
must ensure that a systematic approach is taken to manage H&S risks and hazards
- CPM/CM PE Seven:
must maintain effective construction H&S measures across the construction project life-cycle and must be able to respond to new challenges in the construction environment
- CPM/CM PE Eight:
must monitor, report and benchmark construction H&S at the site, project and company level to improve and compare construction H&S performance

Part Three: “Mind the Gap” – Future Construction H&S Projections and their implications

- SHEQ conferences will continue, where presentation of formal papers and discussion groups will be fostered.
- SHEQ will develop different specialism's (construction).
- SHEQ principles will enter the primary and high school curriculum.
- Political leaders will make reference to SHEQ more and more.
- Local and international SHEQ awards will emerge.
- Possible emergence of an international SHE professional organisation that will co-ordinate global SHEQ research, education and professional standards.

How does the CPM / CM survive these global projections?

- Shift your present paradigms of a re-active to a pro-active approach in construction health and safety management.
- To learn from first world countries – don't reinvent the wheel (remain teachable).
- Stay committed to the eight primary elements.



Conclusion

Without your commitment, there can be no success in construction H&S!

ACHASM challenges all CPM/CM's to **GREEN** themselves and not to become involved like the kamikaze pilot that was able to fly 50 missions – but never committed to the task!

COMMIT TO THE TASK



