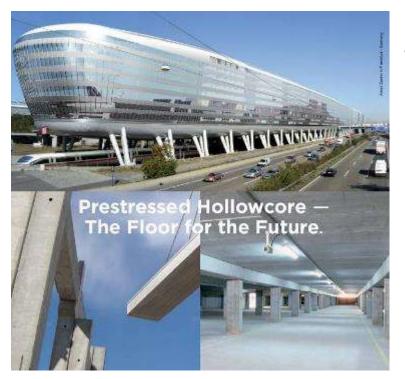


IPHA Annual Conference 2015



Getting It Right in South Africa

Presented By Monique Eggebeen (Managing Director) ECHO Group



The difficult years...

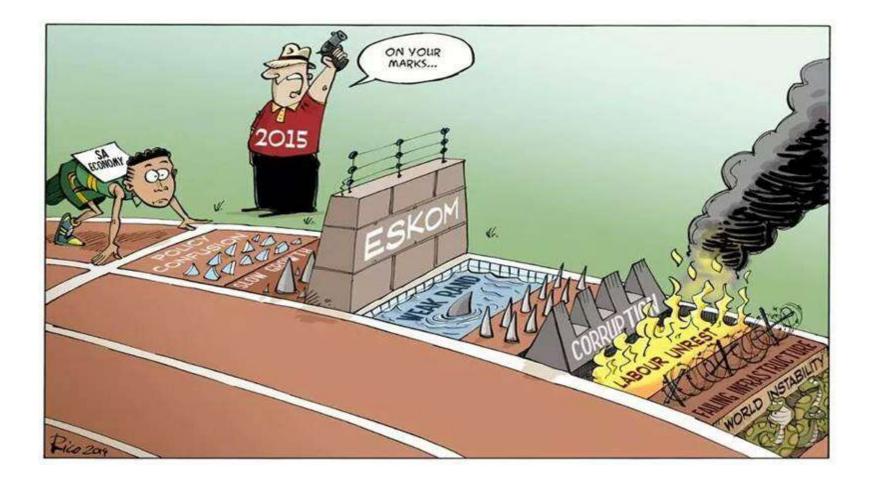
- Prior to the Global Recession
 - Industrial Action supply and demand constraints
 - Sole Hollowcore Supplier in regional market (Gauteng)
 - Competitor Price War & memory of industrial action
- Highlighted shortfall on dependency w.r.t commodity application strategy re-alignment.
 - Commercial / industrial application
 - Alternative applications
 - Precast supporting elements create precast culture
- Organizational and Operational Streamlining
 - Increased capacity continuous shift system to incease production
 - Consolidation of marketing/sales and administration within the group
- Expanding our national footprint
 - Echo Prestress KZN
 - Topfloor Cape Town





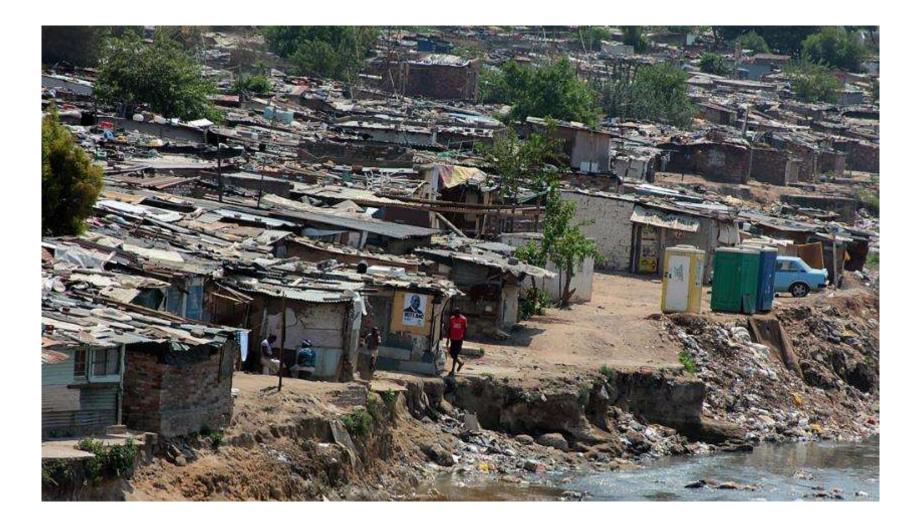


The Doom, the Gloom, the Boom





Current housing challenge





Affordable housing solution in South Africa







Three and Four Storey Walk-ups







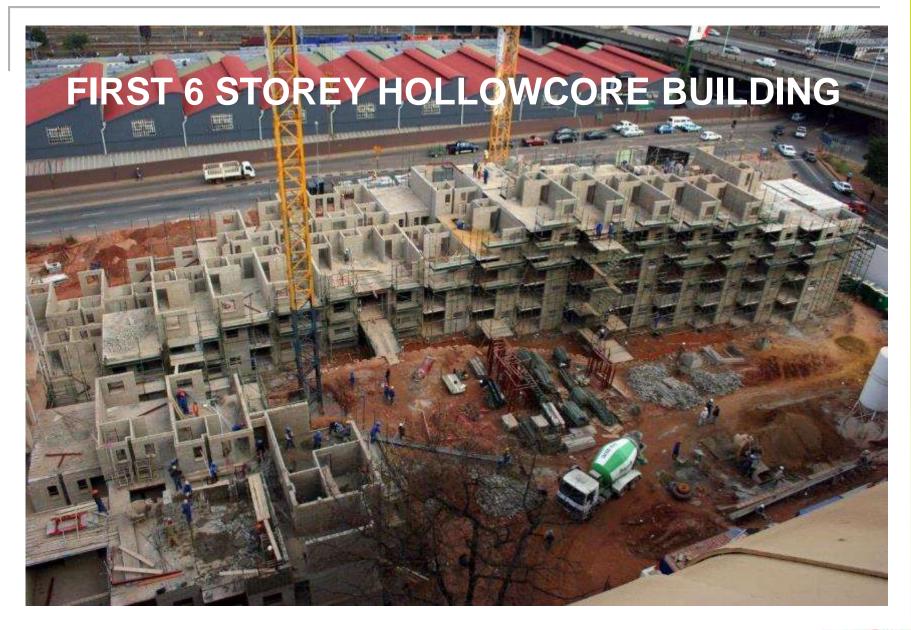
Current reality

- Urbanization
 - Suitable land shortages
- Housing back-log
 Stands at 2.3 million
- Local unskilled labour
 - Rely on load bearing masonry
 - Quality of workmanship











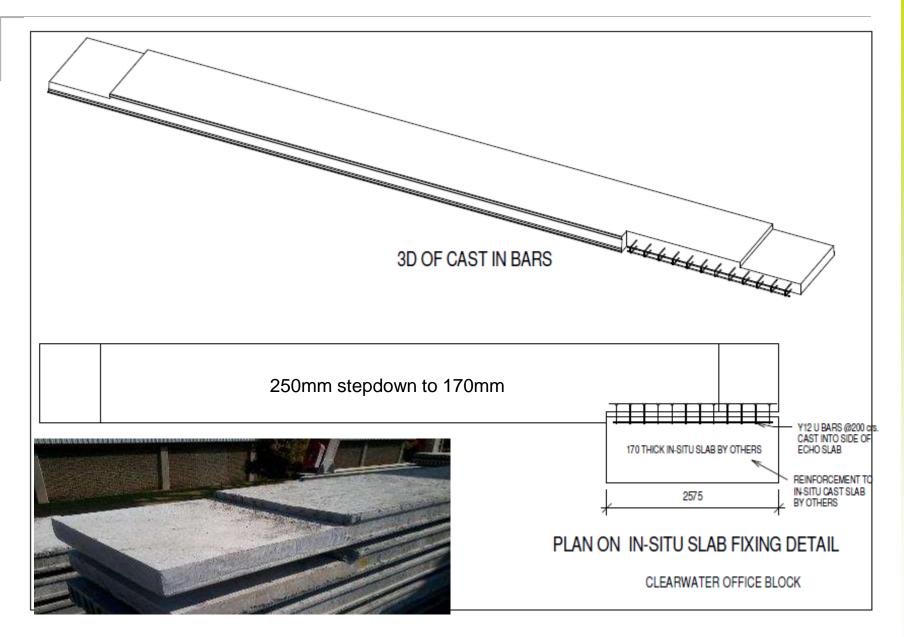


Hollowcore for Commercial Office Blocks











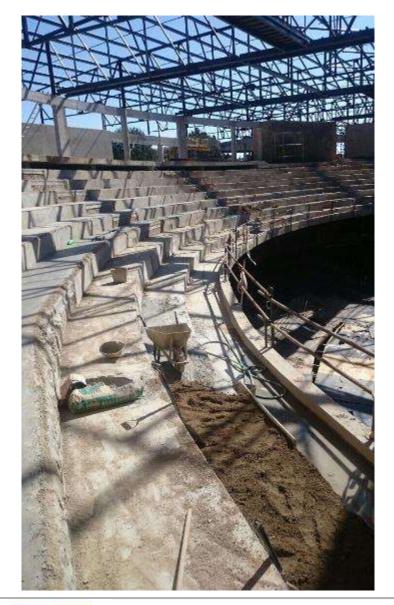


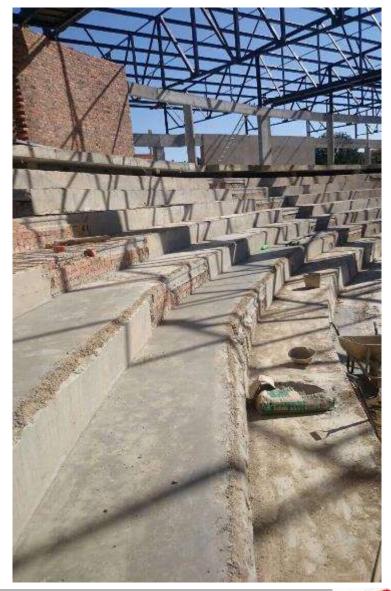
Stadium Seating















Various Walling Applications



"Believing in being more than precast hollow-core slabs manufacturer"









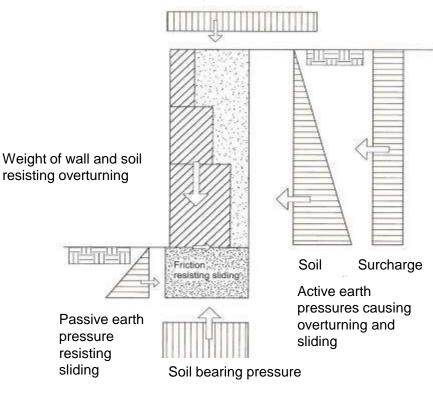




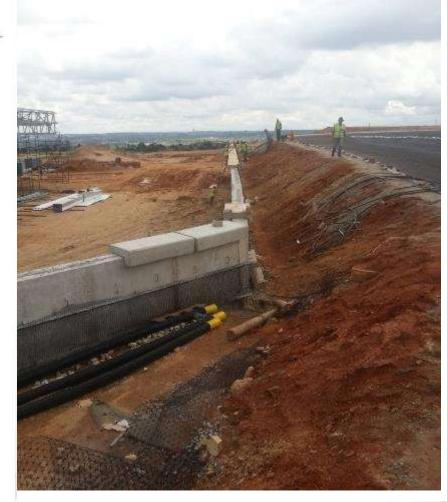


Mechanics of PC Hollowcore Retaining Walls Gravity retaining walls

Surcharge (cars, people, etc.)



Gravity retaining wall

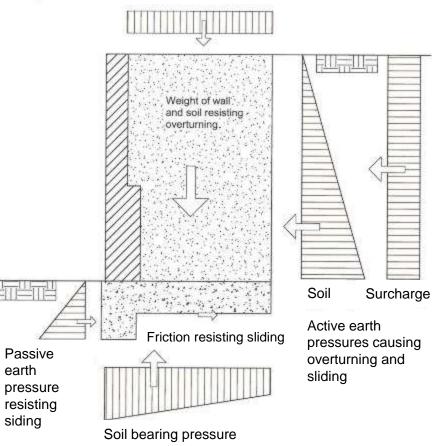






Mechanics of PC Hollowcore Retaining Walls Cantilever retaining walls

Surcharge (cars, people, etc.)



Cantilever retaining wall



Stretching the limits in a South African market

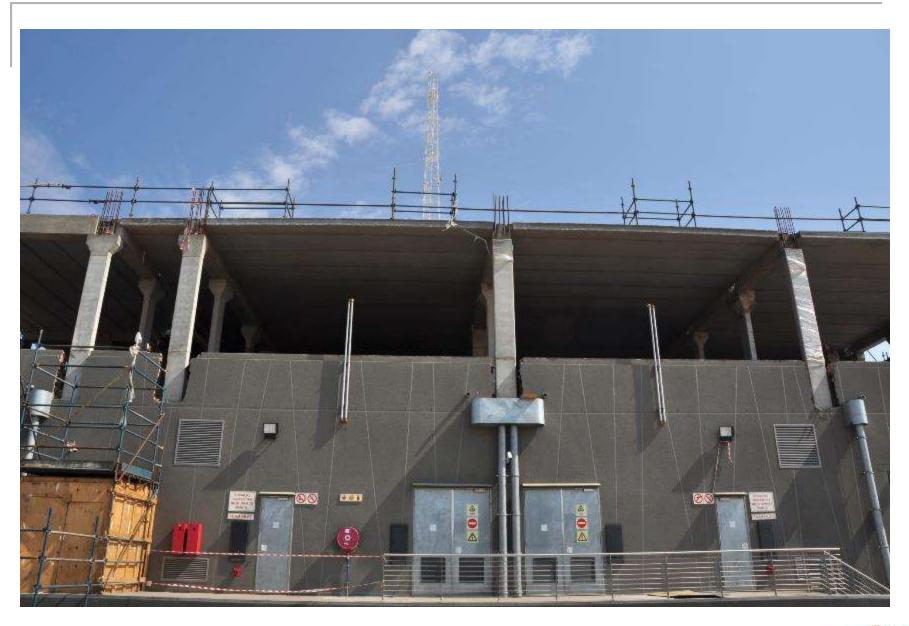






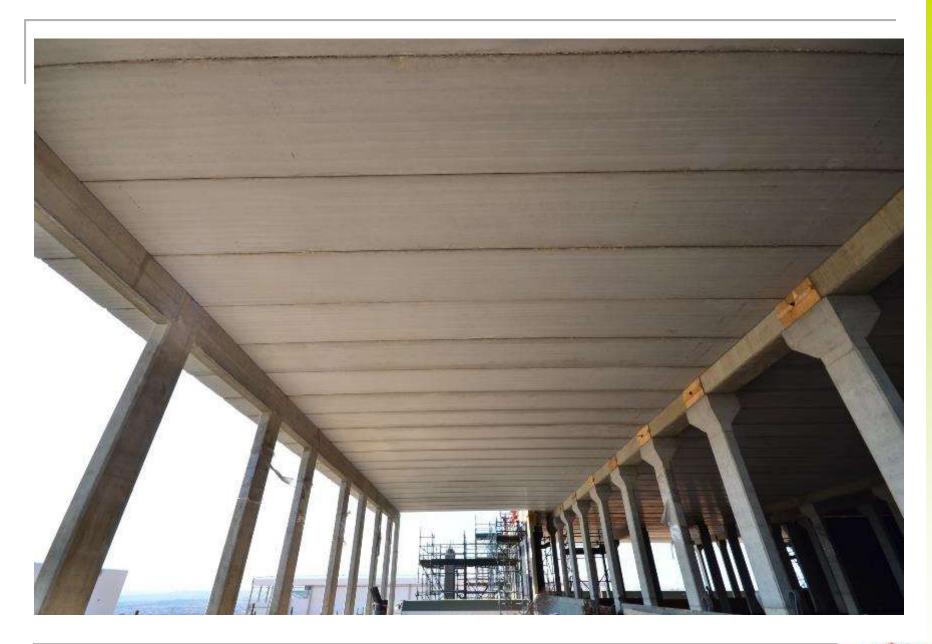
















Innovation: Total HC Precast Solution

