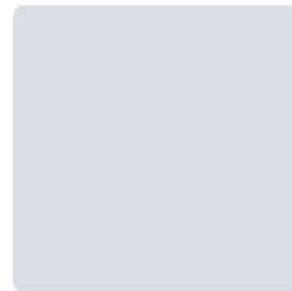
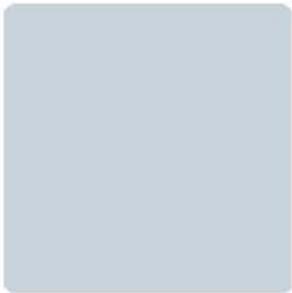


# Capacity Building

Building Capacity on the Ground – The Reality of Industrial Operations



**Daniel Hellige**

**SDIMI Conference – June 2007**



- **Global View**
  - 30,000 Meter View
- **Enterprise View**
  - Free Trade
  - SD Commitment
  - Capacity Building @ the enterprise level
- **Local View**
  - Capacity Building through our regional offices and dealers



## Outline

## Capacity Building



“37.1. The ability of a country to follow sustainable development paths is determined to a large extent by the capacity of its people and its institutions as well as by its ecological and geographical conditions. **Specifically, capacity-building encompasses the country's human, scientific, technological, organizational, institutional and resource capabilities.** A fundamental goal of capacity-building is to enhance the ability to evaluate and address the crucial questions related to policy choices and modes of implementation among development options, based on an understanding of environmental potentials and limits and of needs as perceived by the people of the country concerned. As a result, the need to strengthen national capacities is shared by all countries”\*

Source: UN Agenda 21 – Chapter 37

**Global View**

**30,000 Meter View**



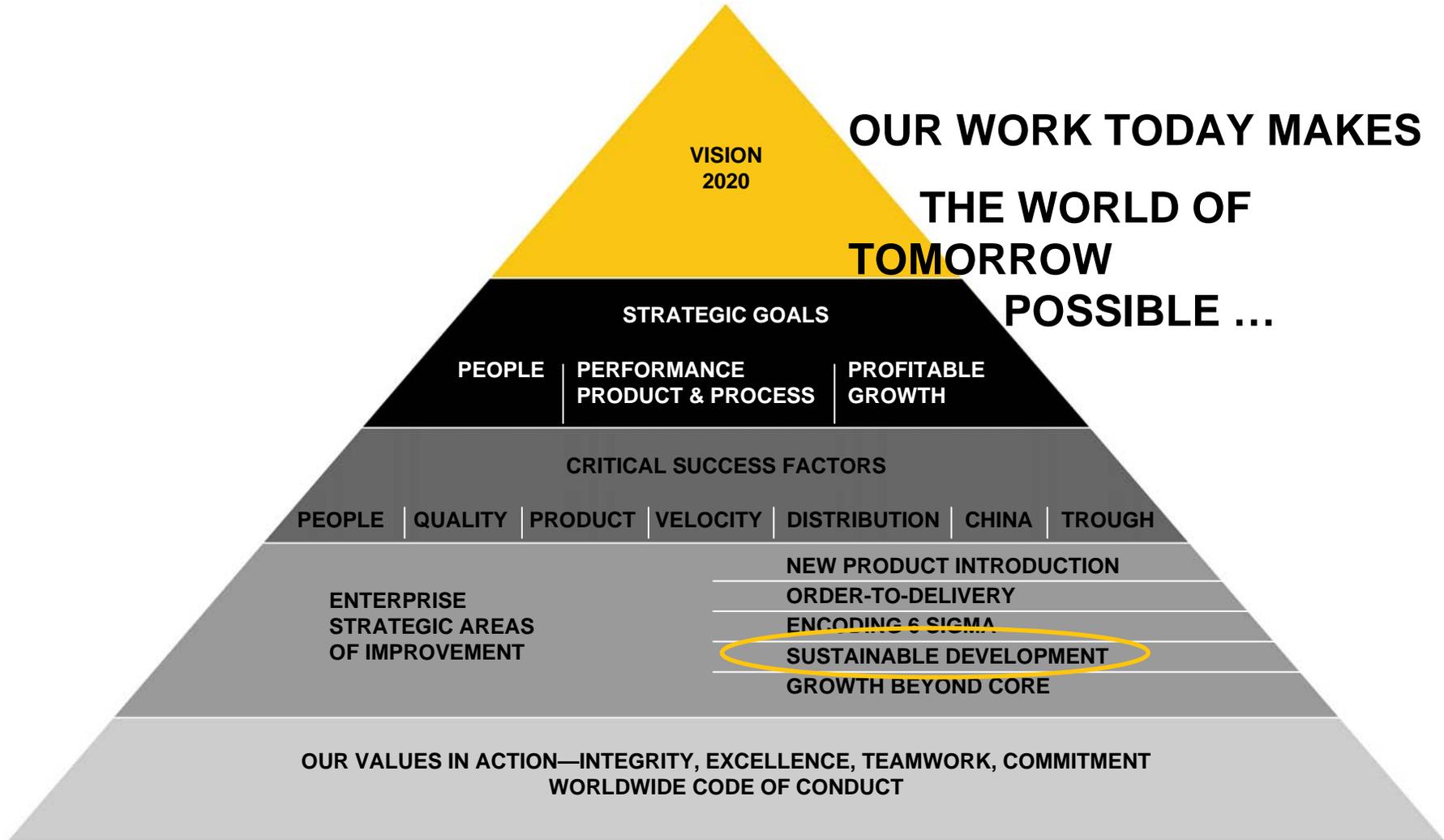


**Enterprise View**

**Free Trade**



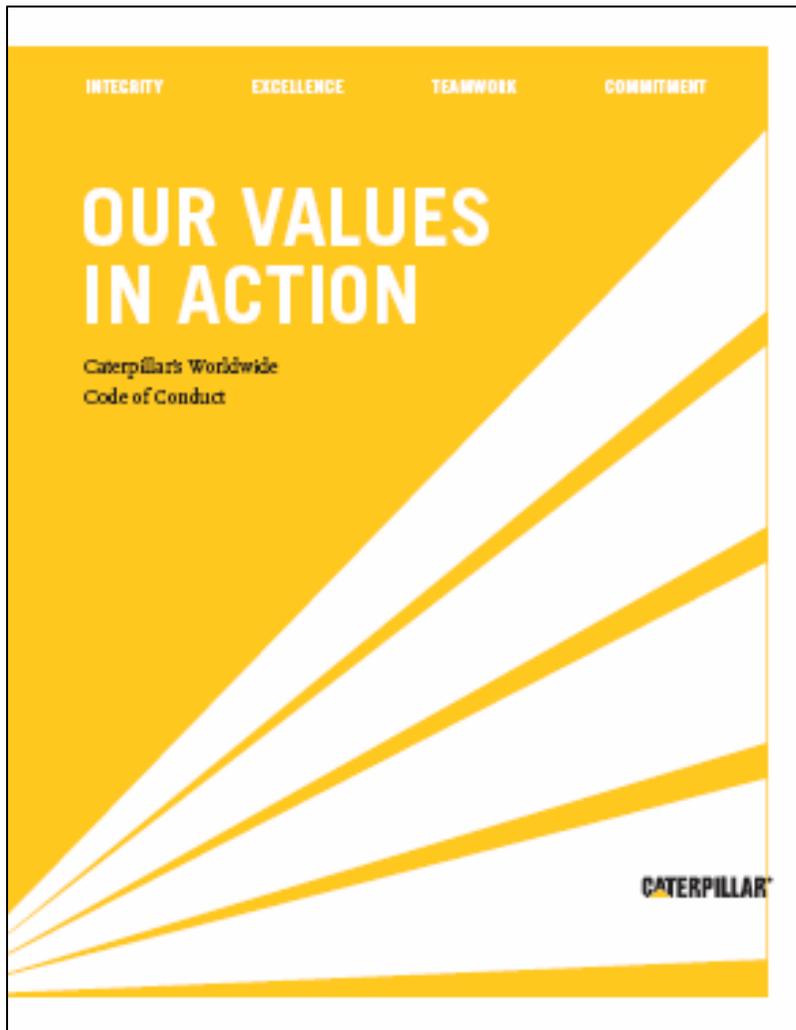
**OUR WORK TODAY MAKES  
THE WORLD OF  
TOMORROW  
POSSIBLE ...**



## Enterprise View

## Commitment to Sustainable Development





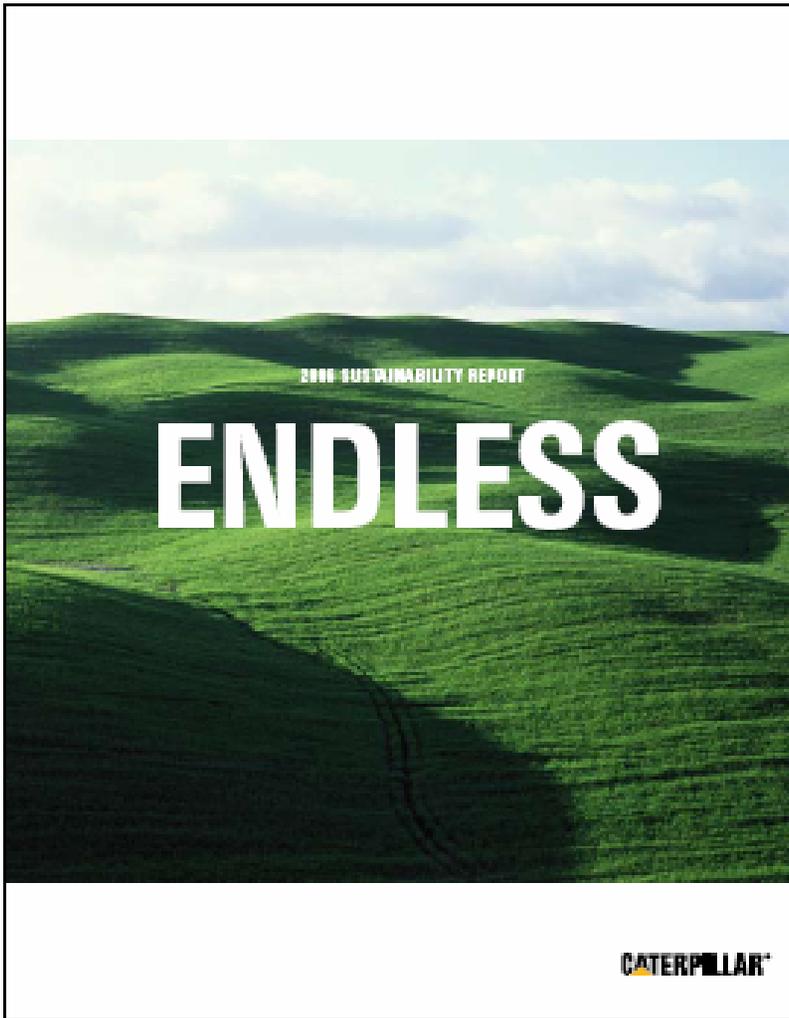
**“We establish and adhere to environmentally sound policies and practices in product design, engineering and manufacturing”**

From Our values in Action – Caterpillar's Worldwide Code of Conduct, 2005

## Enterprise View

### Commitment to Sustainable Development





**Developing an army of sustainable development torch carriers ... 210,000+ strong**

**Caterpillar's & Cat Dealer's employee base YE 2006**

**Enterprise View**

**Commitment to Sustainable Development**





## Enterprise View

## Capacity Building



- **Global technology leader**
  - **\$1.3B invested in R&D – 2006**
- **Routinely sharing and leveraging our vast technology capability through licenses, joint development or other ventures**
- **Engaged with key climate initiatives**
  - **Climate Midwest**
  - **Energy Technologies Institute (ETI)**
  - **US Climate Action Partners (USCAP)**



## Enterprise View

## Technology Development



- **Operator Career Development**
  - On the Job Training
  - Virtual
  - Instructor led
  - Self Guided
- **Improved Operational Efficiencies**
  - Operator Safety
  - Fuel Consumption
  - Machine Wear



## Enterprise View

### Operator Career Development Program



**Ancient Proverb “What I hear, I forget. What I See, I remember. What I do, I understand”**

- 19\* ThinkBIG Programs (AAS)
- 16\* Accelerated Basic Training Programs
- 1 ThinkBIGGER Program (BAS)
- 1140 graduates since 1998
- Capacity to graduate 300-350 PY
- 40 Caterpillar dealers involved



**“If this opportunity had not appeared to me, I would’ve had to emigrate to Spain to study and work. I didn’t want to go because I wanted to graduate and work in my country.” Carlos Arias – ThinkBiG student – Ecuador**

## Enterprise View

### Technician Career Development Program



\* In place or under development

- Dealer Excellence Fund

- Latin America Educational Fund

- Women's Certification Fund

- Employable Skills for Young People

- Educación Es Éxito

Local View

LACD Social Responsibility Initiatives



- Currently offering technician training
- Opening a Training Institute
  - Near the mining community of La Jagua
  - Partnership with the mining houses
  - Partnership with SENA  
(Colombian government program)
  - Variety of opportunities within open pit operations
  - Employment and development of indigenous work force



## Local View

### Gecolsa Example – Colombia



# Caterpillar Apprentice Service Technician Training

- **Learning Program developed by Caterpillar to educate Service Technicians that are employed to service, maintain and repair Caterpillar equipment.**
- **The program includes OH&S, Environmental Management, Technical, Personal and Business Skills**
- **Utilised by Dealers across Australia, New Zealand, Indonesia, Myanmar, Vietnam, Sri Lanka & China**
- **Programs delivered by Dealers and Caterpillar Institutes to dealer and customer personnel**

## Local View

### APD Capacity Building Initiative





**TODAY'S WORK. TOMORROW'S WORLD.**

**OUR FOCUS & COMMITMENT**

