

# Role of Private Sector in Greening Skills - Experience from Indonesia



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A close-up photograph of a man's torso wearing a dark blue suit jacket, a white shirt, and a dark blue tie. A single, vibrant green leaf is tucked into the breast pocket of the jacket. The background is a dark, neutral color.

# To capture **Green** Business Opportunities...

- green know-how, experience and ability to translate this to business is required
- Varying levels of appreciation, know-how and experience is required at the shop-floor to Board room level

# Green Skills Gap - Industry perspective

- Beyond general green skills...e.g. environment management systems implementation, auditing, sustainability reporting etc. ....exists green skills gap
- Gaps from an industry perspective:
  - Limited talent pool to spot, create and capture opportunities...
  - Ability to influence, gain commitment and resources for new green ventures
  - Technical know-how gaps
  - Ability to link technical/financial/entrepreneurial skills for industry practitioners to develop business case for new ventures
  - Green skills lacking in supply chain of businesses
  - Regulatory framework - not conducive & supporting mainly those who benefit from status quo
  - technical gap for policy makers and authorities need to be bridged



# geocycle - A Green Business example

- Geocycle – a business unit of Holcim
- Turning waste to alternative resources – (energy and cementitious properties)
- Removing waste from society
- Pioneering eradication of ozone depleting substances (refrigerant gases)
- Working with Department of Environment – developing safe standards for Indonesia
- Providing leading companies with waste management solutions



# Geocycle's 10 year Journey

- Overcome internal mind set barriers
- Share knowledge from shop floor level to board room
- Train in-house champions, develop ambassadors and influencers..
- Connect with various stakeholders – knowledge sharing, remove barriers – mind set, regulatory hurdles – develop a comprehensive communication plan
- Form alliances – e.g. environmental NGOs (e.g. Jakarta Green Monster)
- Start small – score some wins to gain momentum
- Convince internal decision makers to invest further in the green business
- Change hearts and minds
- Today a respected waste management solution provider in Indonesia



- New USD 20 mio investment – GreenZone
- Industrial Waste processing facility in Bogor, West Java capable of processing 160,000 mt/yr of industrial waste to alternative fuel
- Currently in commissioning phase

# Geocycle's contribution to greening skills

- Create Green jobs
- Setting technical standards – e.g. technical guidelines for industries
- Raising the bar – e.g. guidelines on waste transport
- Capacity building through PPP projects
- Sharing best practices – through the Indonesia Business Council for Sustainable Development - as a platform for sharing
- Reaching out to the young
- Reaching out to tertiary education institutions



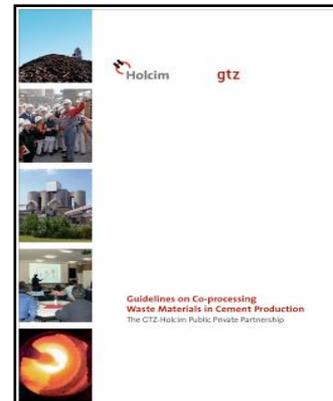
# Creating Green Jobs

- Waste-to-energy technical & commercial professionals
- Attract talents for green jobs in:
  - Technical and process engineering
  - Chemical and waste analysis
  - Communications, stakeholder engagement
  - Regulatory compliance, health and safety
  - Marketing and selling greens services



# Knowledge sharing – facilitating green skills learning & collaboration

- National guidelines – PPP with GIZ
- Provide technical support to policy makers
- Support the supply chain – e.g guidelines for transporters
- PPP projects - capacity building
- Through Business Council for Sustainable development – knowledge sharing platform for best practices – workshops & seminars
- Approximately 300 university students visit our facility each year





# PPP Project to Raise awareness, train practitioners and promote energy efficiency projects in cooling and refrigeration systems

- The project contributes to the climate change initiative.
- Support Ministry of Environment's HCFC phase out program.
- Trained 120 practitioners from the refrigeration and cooling sector – to seek out and support energy efficiency projects



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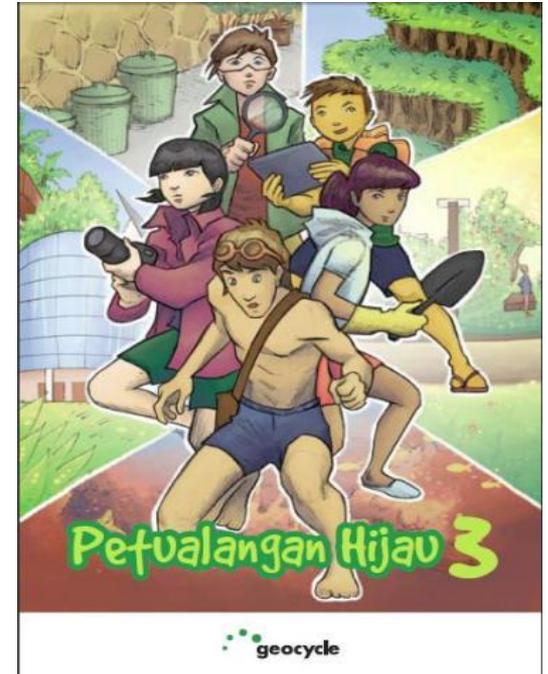
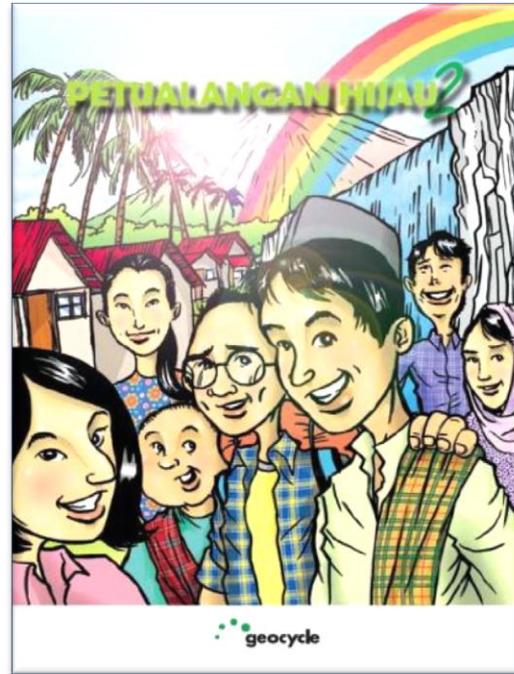
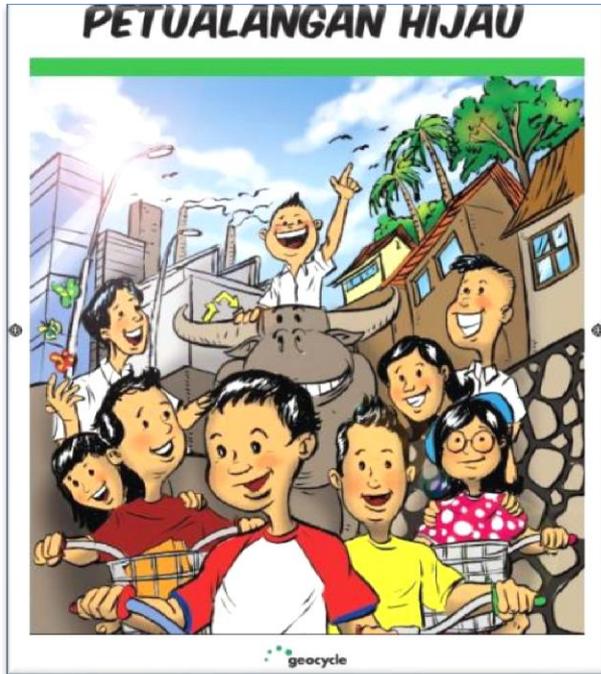


IMPLEMENTING PARTNERS



# Reaching out to the young

## Green Adventure Eco-Comic



- Aimed at planting the seed in the young - to love and care for the environment.
- A new set of green adventure stories, with various environmental themes commissioned each year.
- 5.000 copies of comic each year - distributed to the elementary school in villages close to the business operations to be used as a teaching aid.



Because tomorrow matters

