Non Mercury techniques
Solutions Being Introduced

Replacement for Amalgamation

Reduction of Hg Use and Emissions

- Avoid bad practices and Hg exposure

Use other process (e.g. Cyanidation)

Short-term

Long-term
Gravimetric separation
Classic cyanidation
Improved Cyanidation
BUT NO mercury – cyanide Combination

- Enhanced transport
- Enhanced bio-availability
- Enhanced volatility
- Inefficient
Other techniques

• Magnetic sluice (CleanGold)
• Chemical methods (e.g. Igoli of Mintek)
• New development