



CRC

for

Premium

Quality

Wool

# Siroscour Technology

Produced for the CRC for Premium Quality Wool undergraduate program by;  
Dr. Jock Christoe, CSIRO Textile and Fibre Technology.



# Concepts behind SIROSCOUR

- Multiple stage scouring
- Contaminant recovery loops
- Flexibility
- Liquor flow optimisation

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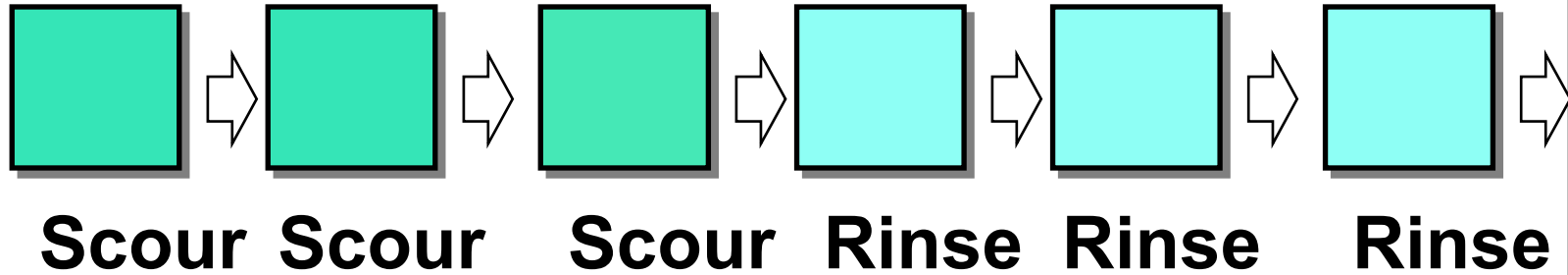
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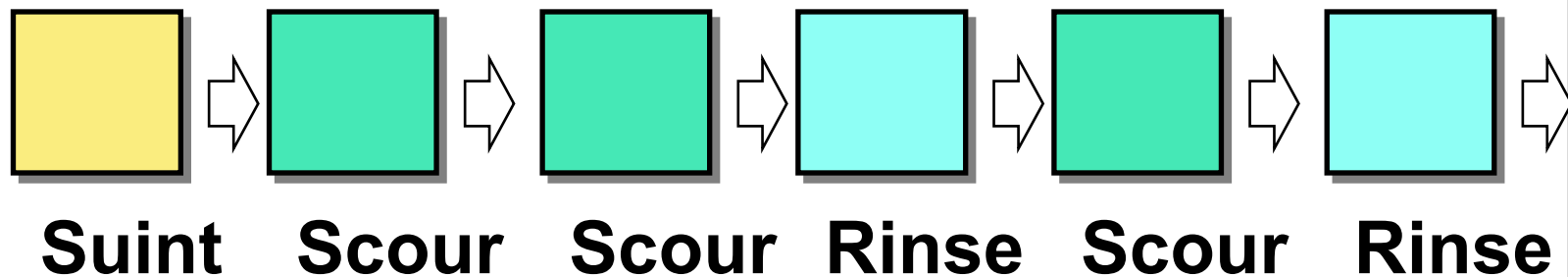
Wool



# CONVENTIONAL



# SIROSCOUR Three-Stage



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# Contaminant Recovery Loops

- extended scour operation
- higher productivity
- more efficient detergency
  - reduced contaminant levels
- **Sequential**
  - WRONZ loops
- **Parallel**
  - SIROSCOUR loops

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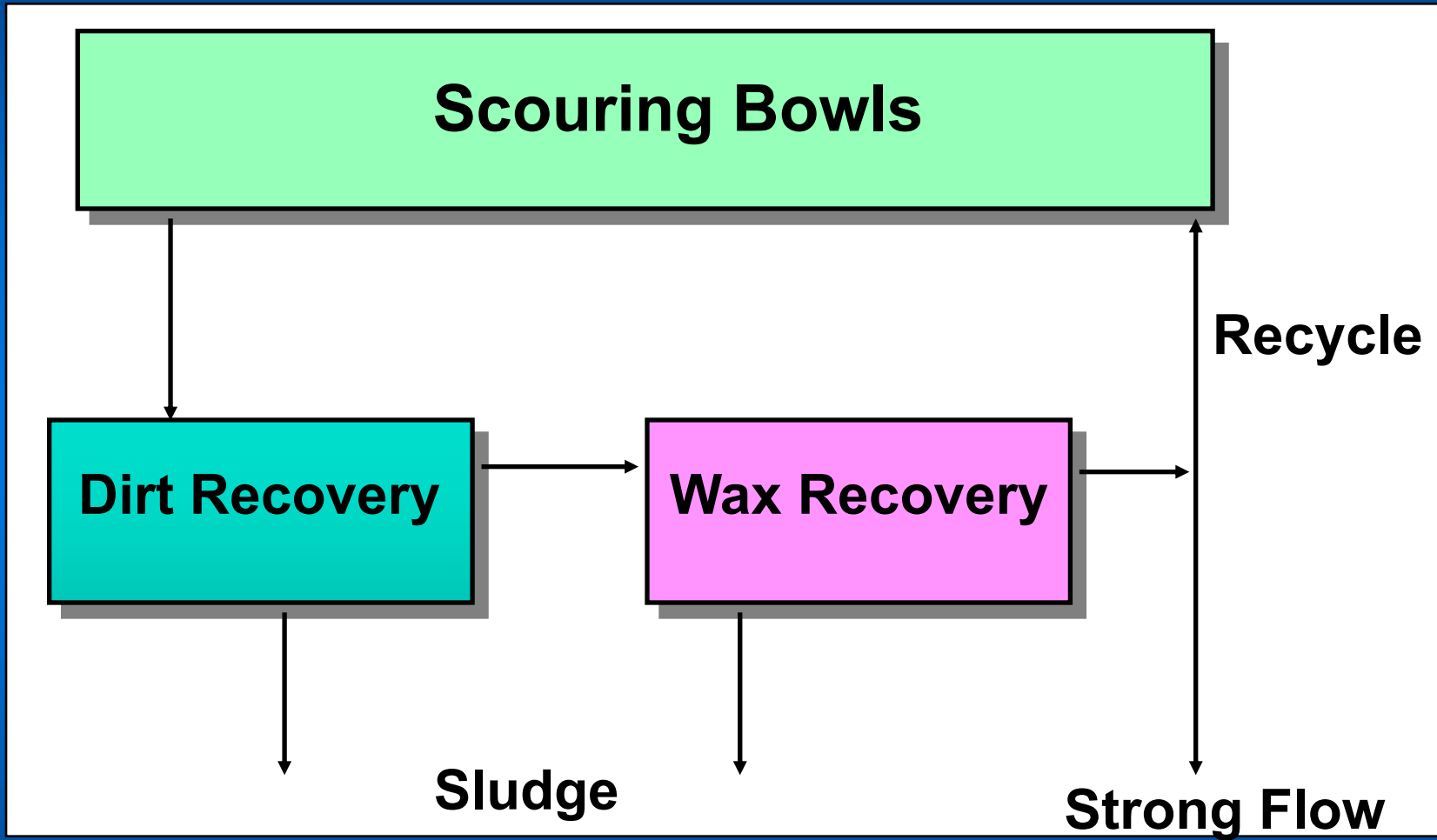
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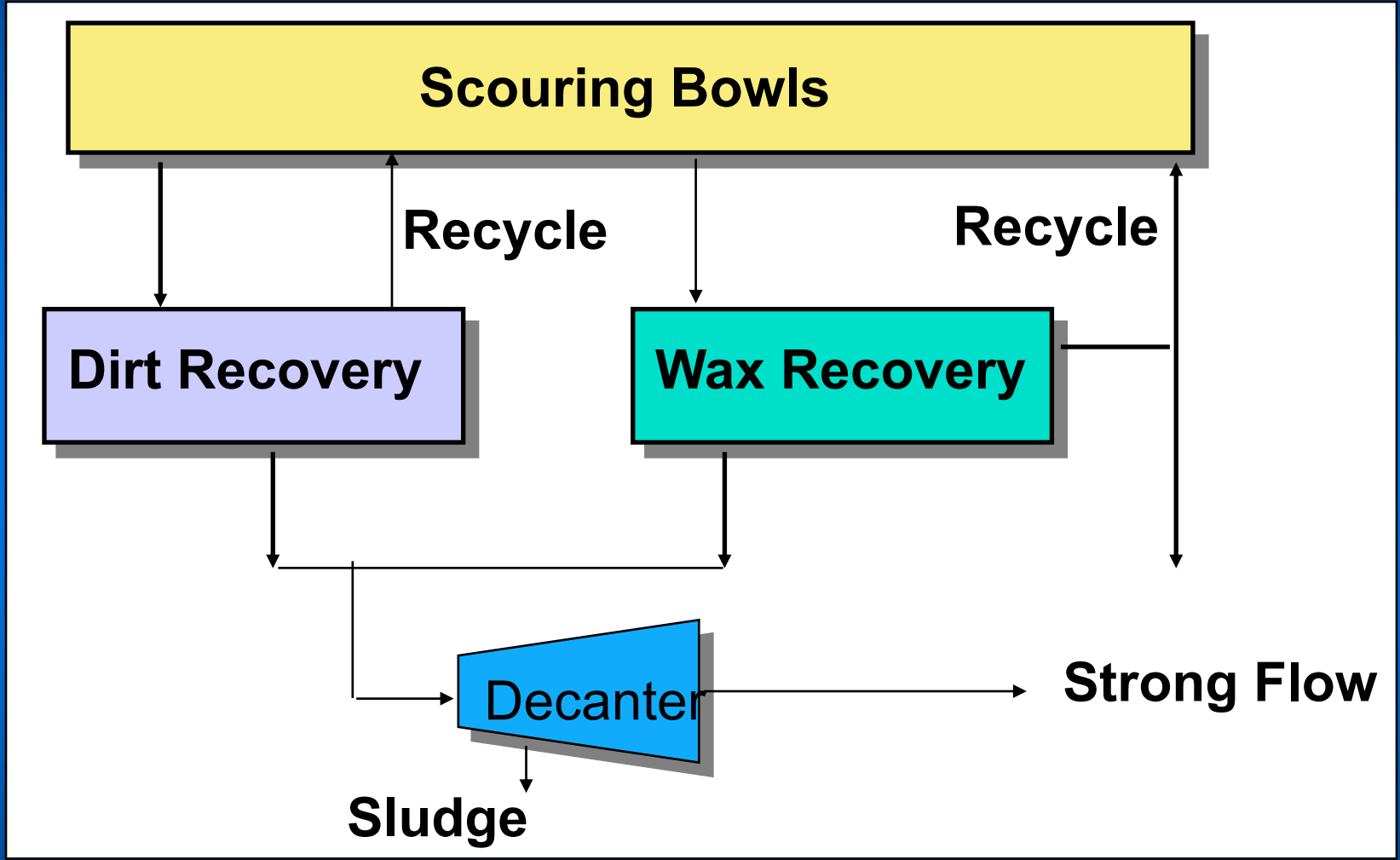
# Conventional Recovery Loops



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# SIROSCOUR Recovery Loops



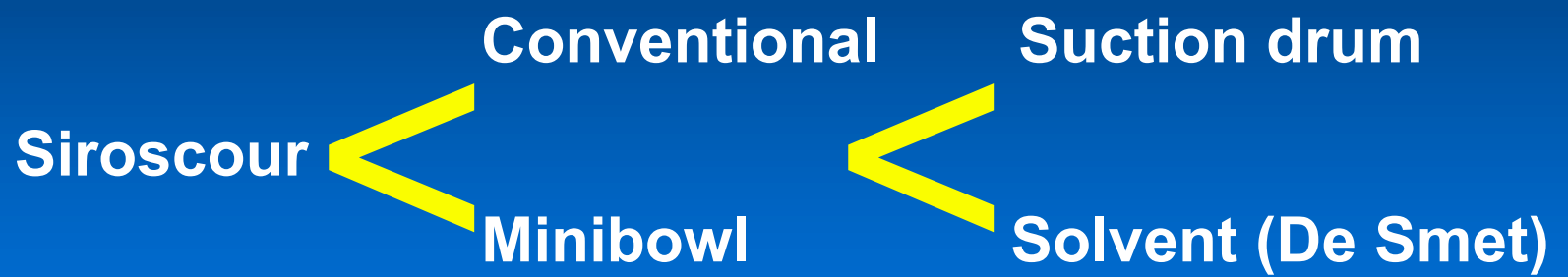
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# Residual Dirt



# Hauteur

