

Héðinn hf

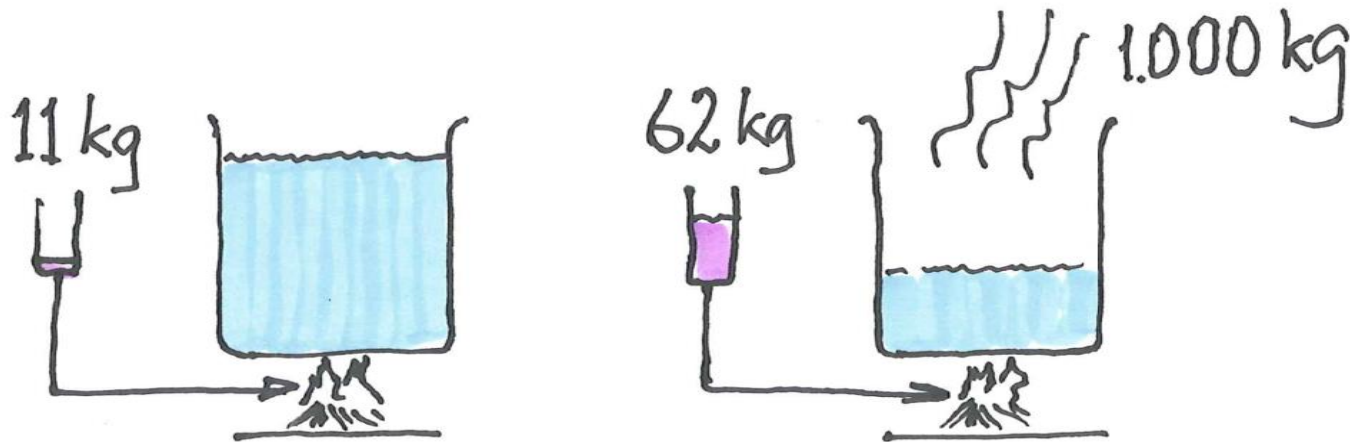
R&D Manager
Gunnar Pálsson

Use of energy and possible improvements in the fish
meal process

HÉÐINN HF

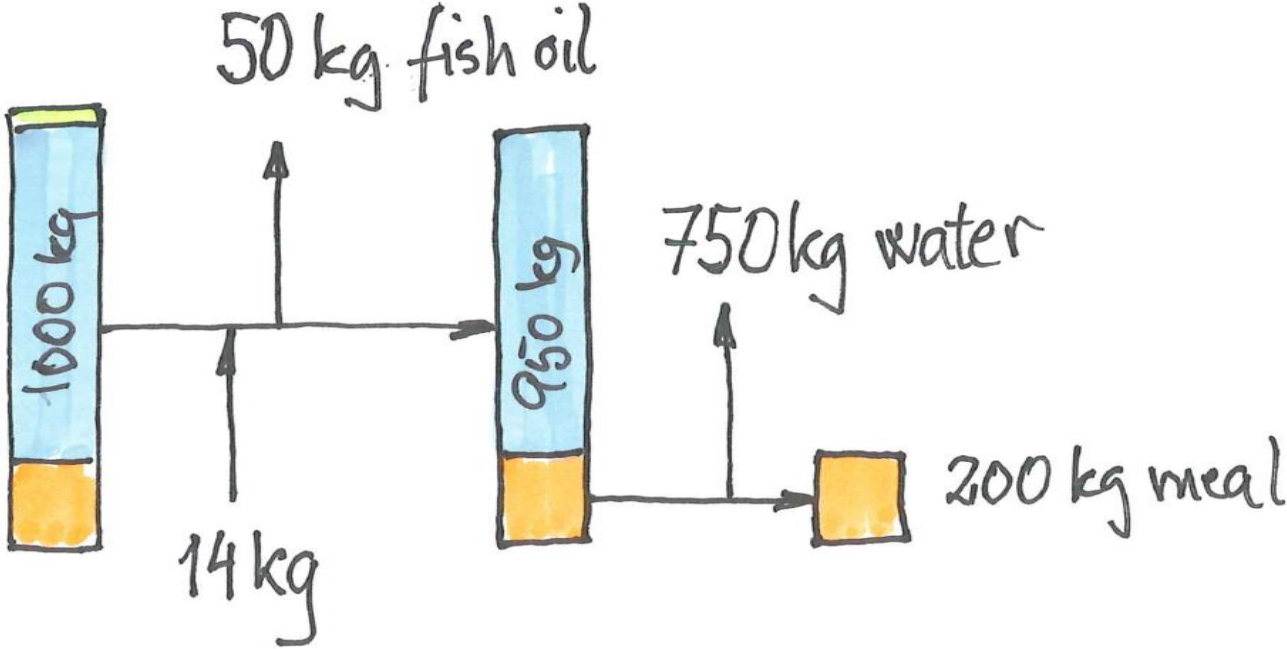
- 1. Measurements of energy used in the process.**
- 2. What are we basically doing in the fish meal process.**
- 3. How are we doing this and the energy needed in the different processes (History and status to day)**
- 4. Theoretical possibilities for improvements**
- 5. Possibilities with known methods.**

Mesurements of energy used in the process

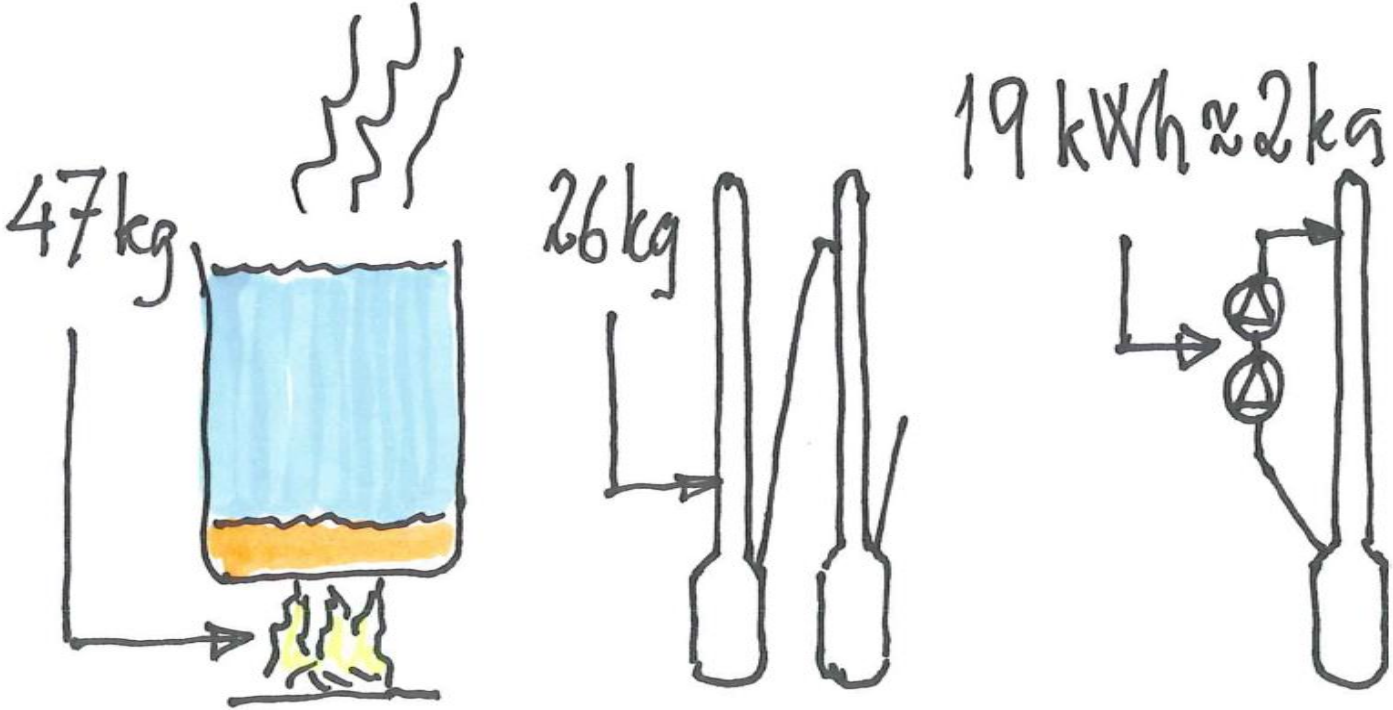


$1 \text{ kg oil} \approx 36.000 \text{ kJ} \approx 10 \text{ kWh}$

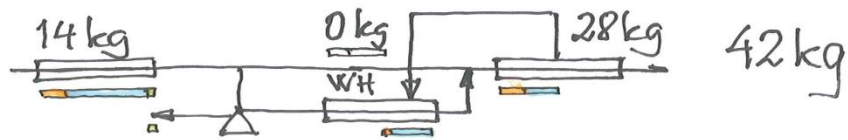
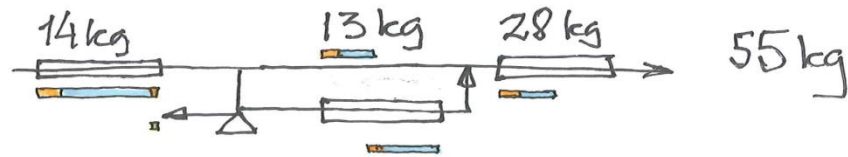
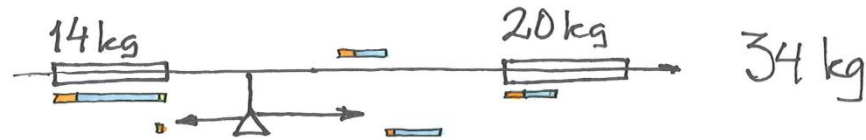
What are we basically doing in the fish meal process.



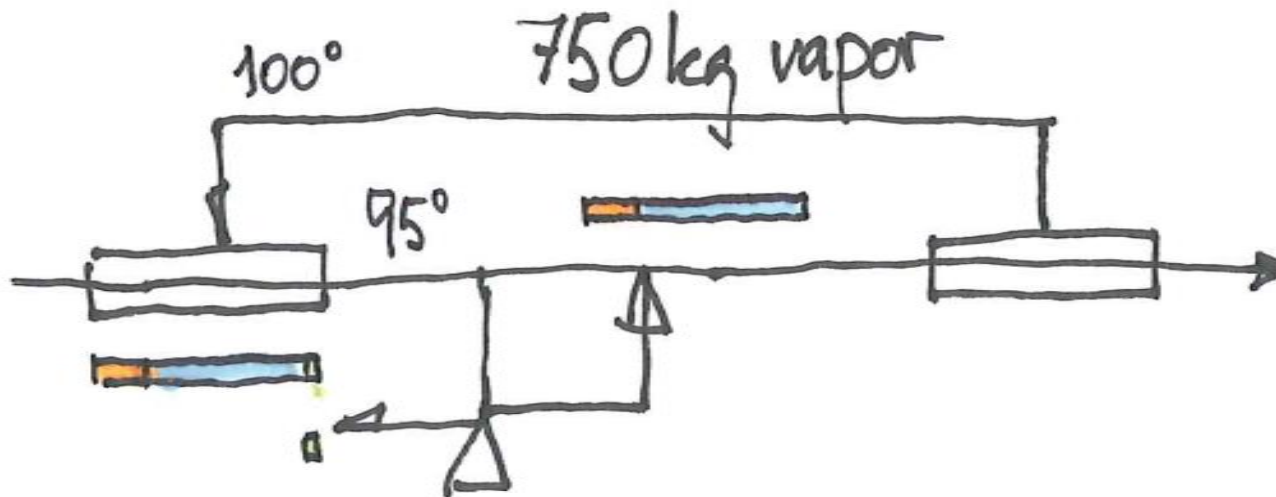
What are we basically doing in the fish meal process.



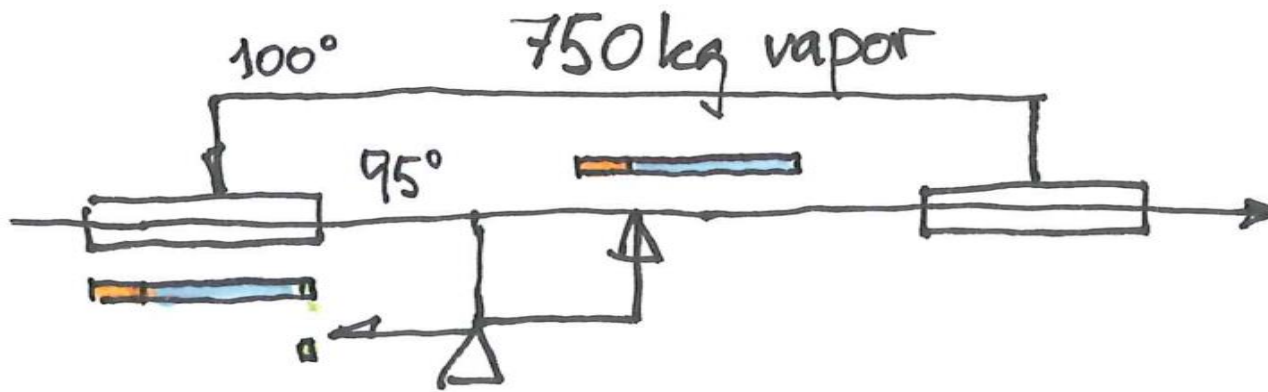
How are we doing this and the energy needed



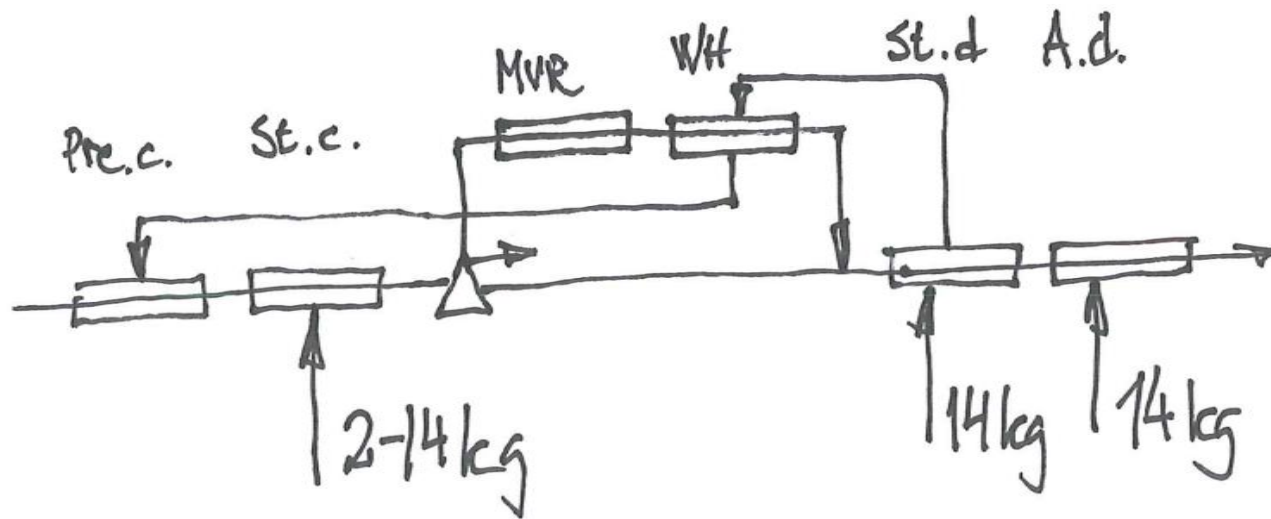
Possibilities for improvements



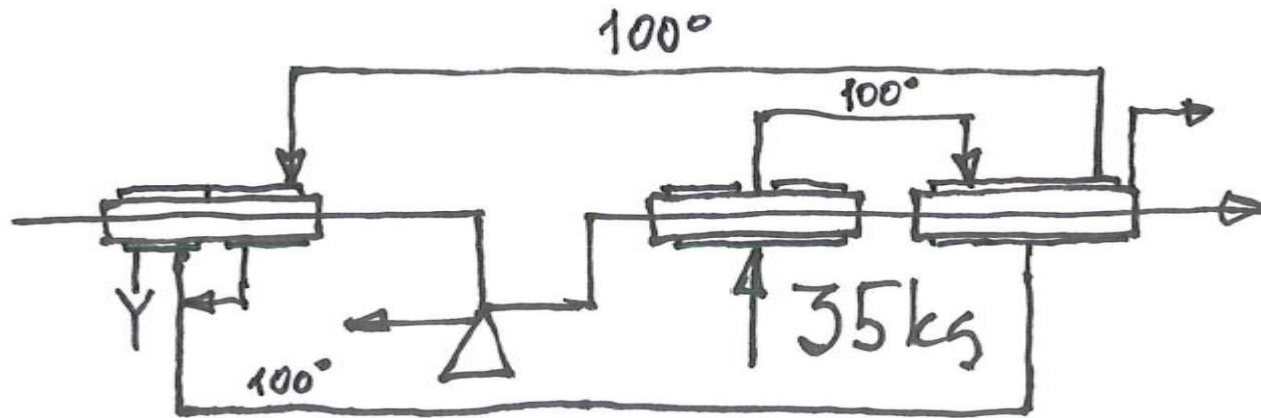
Possibilities with known methods and technology



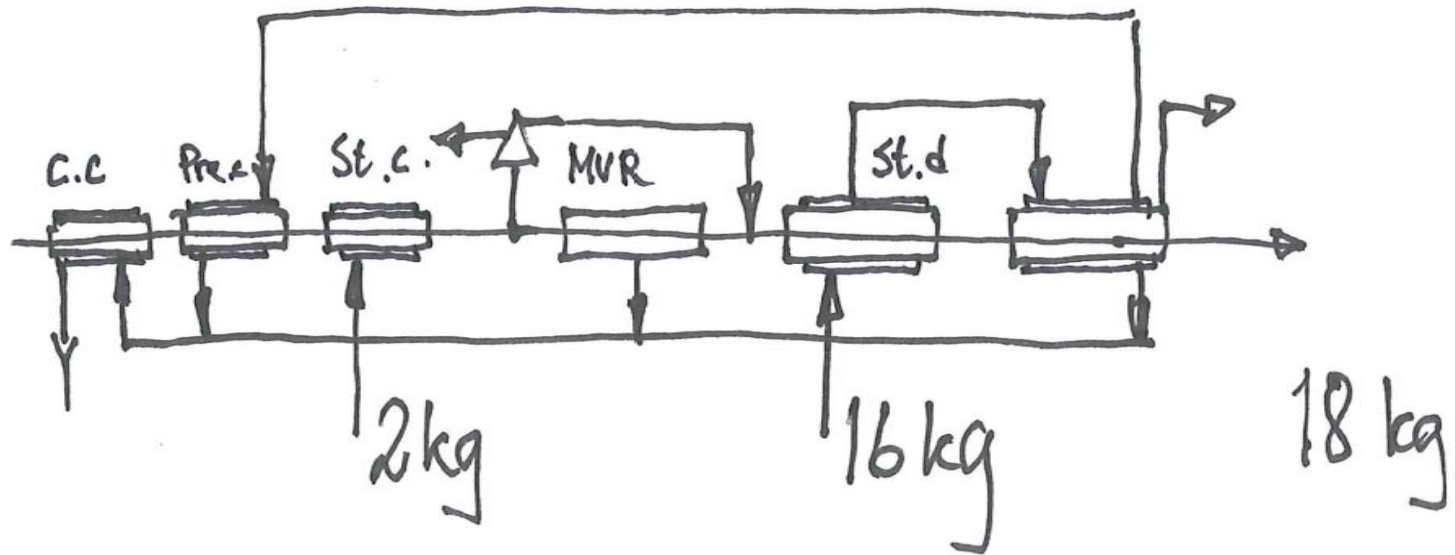
Possibilities with known methods and technology



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