Forest owner

Owner harvests timber himself?
- Yes → Determine harvest area → Prepare harvest area → Harvest timber → Inform haulier
- No → Forest owner member of FOC?
  - No → Determine harvest area → Inform logging company
  - Yes

Check invoice & payment → Forest owner member of FOC?
- No → Timber harvested by forest owner?
  - No → Pay for wood harvesting & preparation
- Yes

Logging Company

Prepare harvest area → Harvest timber → Inform forest owner

Harvest timber → Inform FOC

FOC

Determine harvest area → Prepare harvest area → Inform logging company → Inform haulier

Control invoice & payment → Timber harvested by forest owner?
- No → Pay for wood harvesting → Charge wood harvesting & preparation → Create individual invoice → Send individual invoice to forest owner → Excess of members delivery coningent?
  - Yes → Transfer credit to forest owner
  - No → Transfer credit + bonus to forest owner
- Yes

Wood haulier

Schedule trucks → Instruct driver → Load roundwood → Transport to BTC

Schedule truck → Instruct driver → Load roundwood from BTC storage → Transport roundwood to BTC chip storage

Biomass trade center

Conclude contract with customers → Conclude framework contract → Communicate amount and price → Weigh truck & take sample

Dry sample → Calculate dry matter → Forest owner member of FOC?
- No → Forest owner member of BTC?
  - No → Create invoice → Send invoice to forest owner → Transfer credit to haulier → Pay for roundwood
  - Yes → Create invoice → Send invoice to forest owner → Transfer credit to haulier → Excess of members delivery coningent?
    - Yes → Pay for roundwood
    - No → Pay for roundwood + bonus
- Yes → Create collective invoice → Send collective invoice to FOC → Transfer credit to haulier → Pay for roundwood

Store roundwood → Chip storage empty?
- No
- Yes → Inform chipping company → Inform haulier → Haulier available?
  - Yes
  - No → Inform carrier

Chip storage empty?
- No
- Yes → Inform chipping company → Inform carrier

Pay for chipping → Weigh vehicle & take sample → Dry sample → Calculate dry matter → Create invoice → Send invoice to customer → Check payment → Pay for chip transport

Pay for chipping → Pay for transport/ transfer credit to haulier → Store chips

Load chips

Chipping company

Schedule chipper → Vehicle here?
- No → Chip roundwood in storage → Create invoice
- Yes → Chip roundwood in vehicle → Create invoice

Chip carrier

Schedule vehicle → Chipper here?
- Yes
- No → Delivery to end cüstomer?
  - No → Transport chips to chip storage
  - Yes

Transport chips to customer

Customers

Communicate demand → Place order

Accept delivery

Pay chips delivery