



Moderate complexity, 8 weeks work

Supply Chain Model



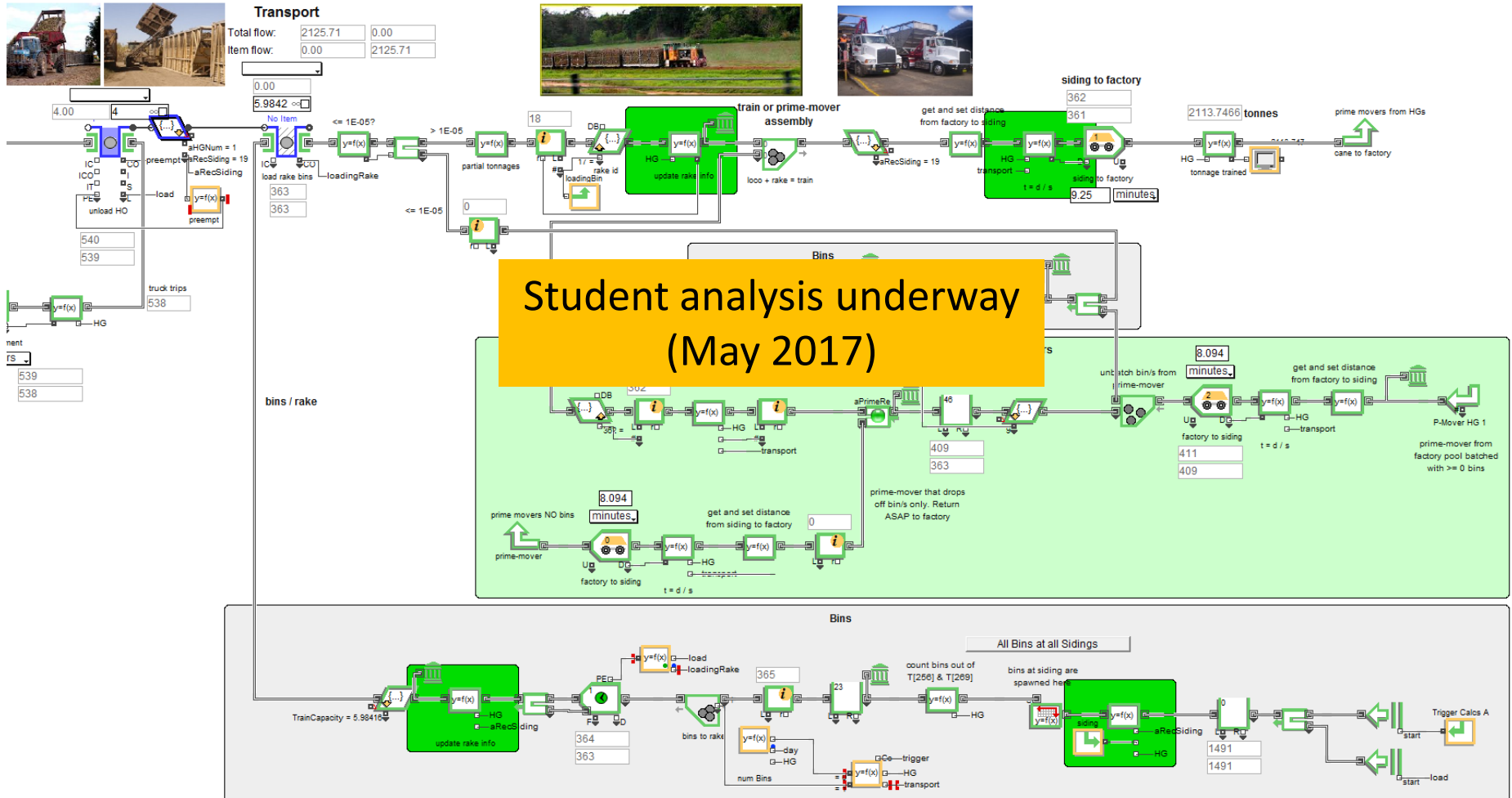


Supply Chain Model

- Objective – build model of sugar cane supply chain (field to factory).
- Use actual data from a region for verification & validation.
- Aim – test impact on factory of raking & baling trash left in field based on certain conditions, and whether factory can effectively be self-sustaining based on biomass being delivered and/or stored.
- Additional aim – seek a preferred solution in terms of transport resource numbers for a different, related system where other transport options may be available.



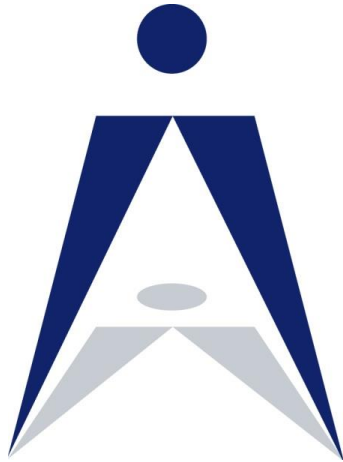
Results / Report





So what?

- Model development underway 2017 (with PhD student).
- Impact of research outcomes unknown.
- May lead to more environmentally friendly & economically sustainable supply chain & factory operations.



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