

SynFerm LCA results

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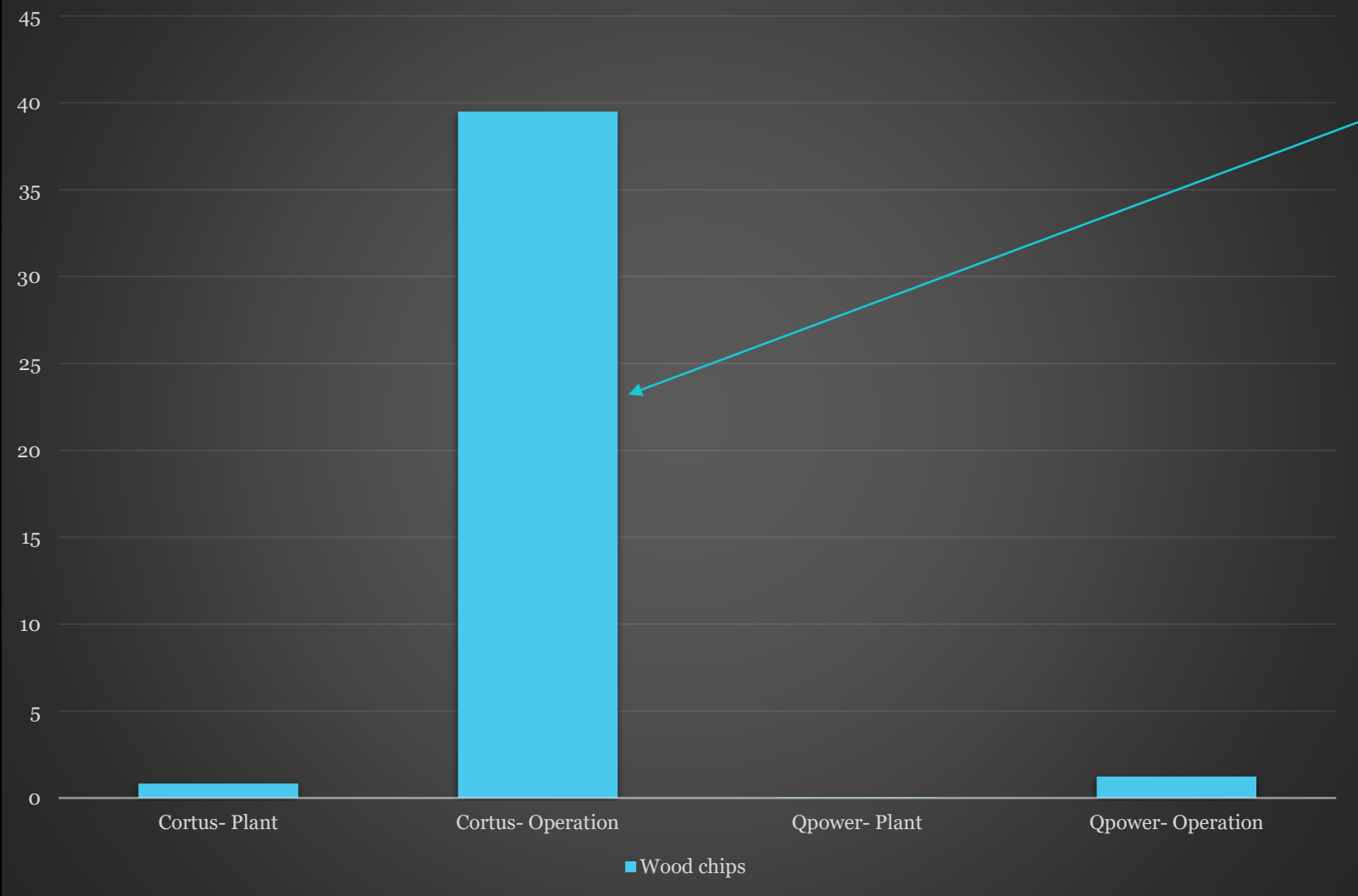
Linköping University

Some starting points.

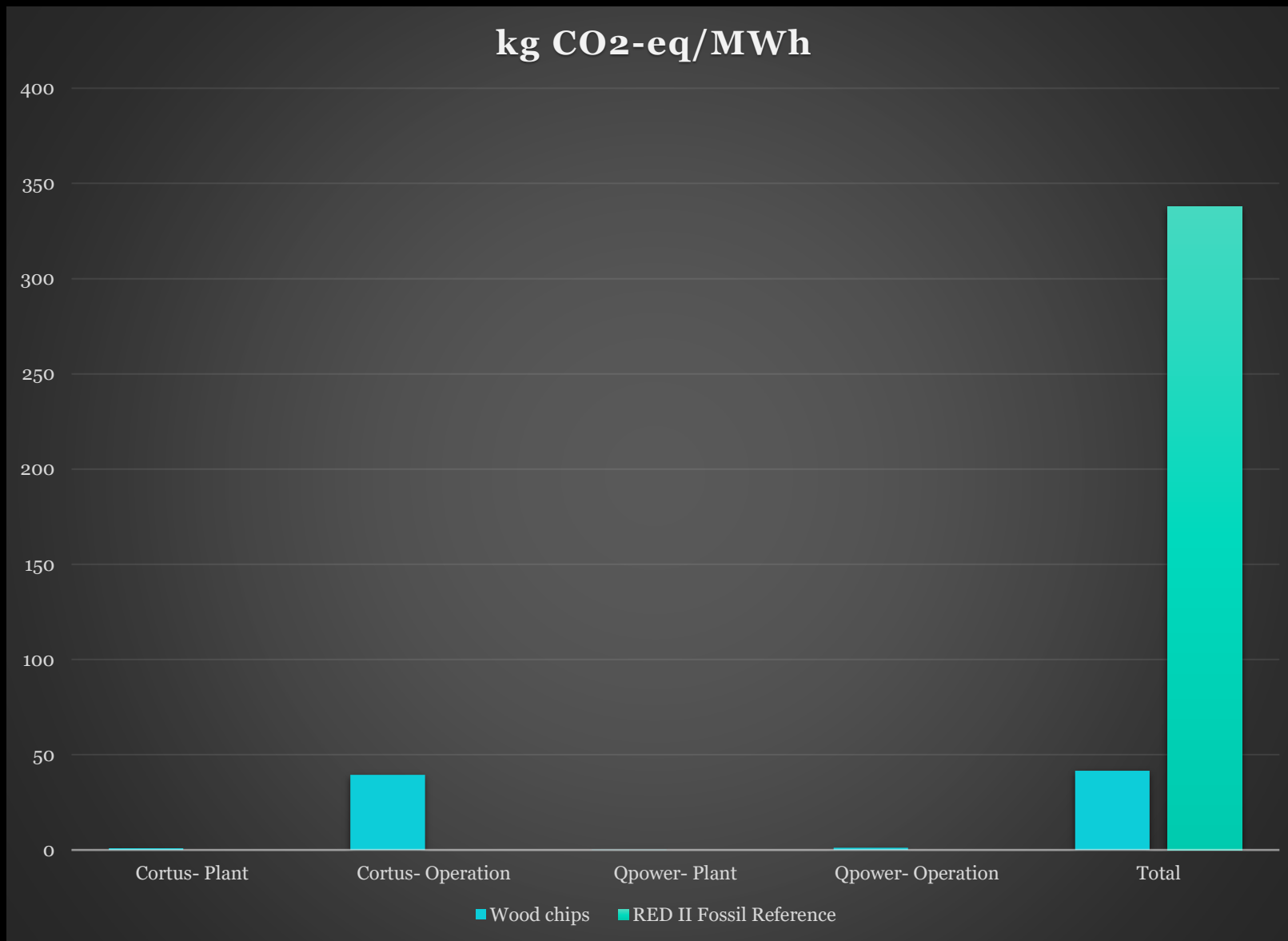
- Wood chips as feedstock
- Assumed syngas needed per MWh methane: 427 Nm³
- Assumed part of Cortus plant per Nm³ syngas: 3E-9 plants
- Assumed part of Qpower plant per MWh methane: 1,7E-6 plants

- Swedish electricity production mix
- 300km transportation of wood chip assumed

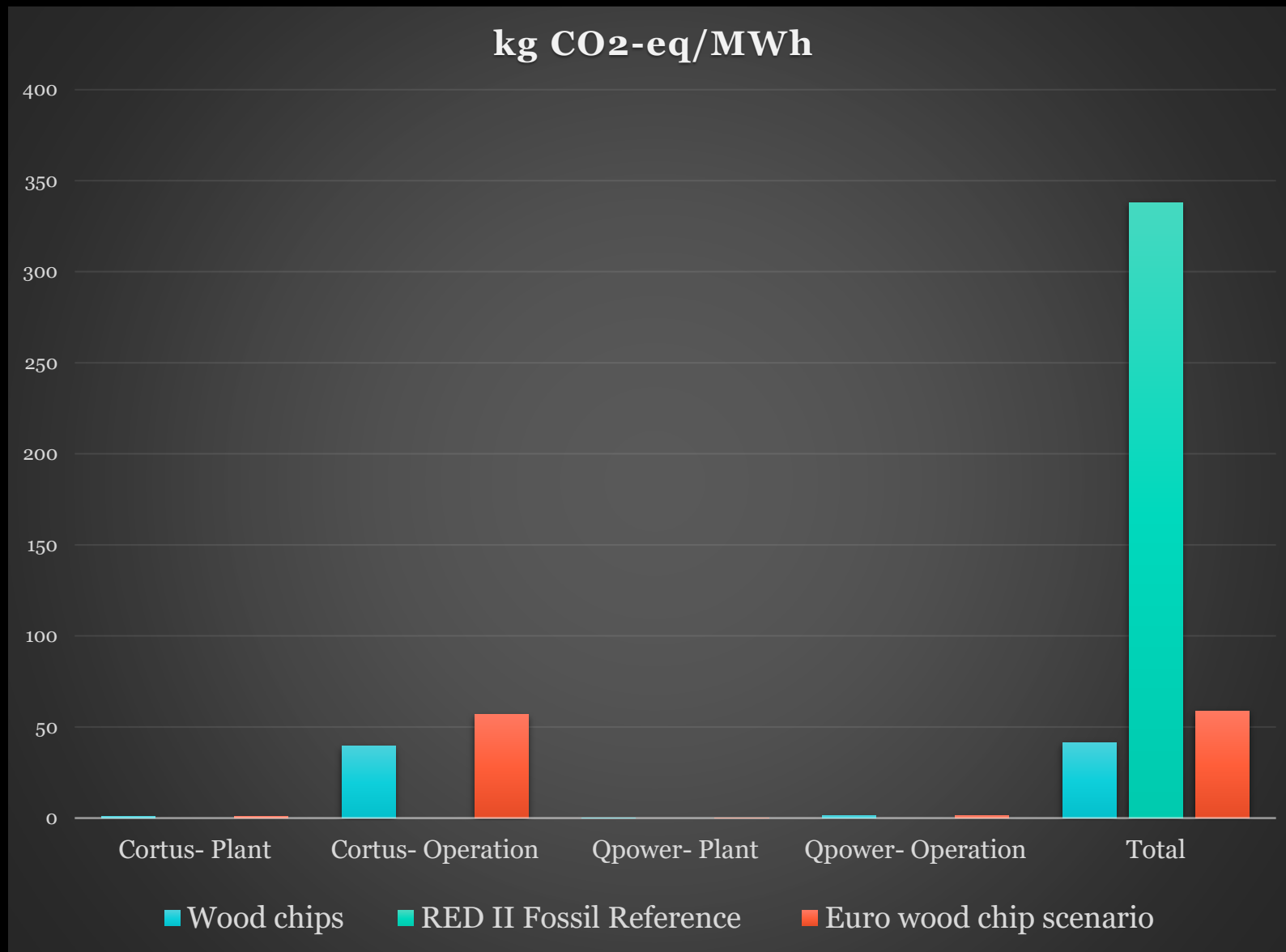
kg CO2-eq/MWh methane



*Biomass- (harvesting and transport) 85%
*Electricity use 8%



*87% reduction compared to RED II fossil reference



European scenario
*European electricity
production mix
*Double transport
distance for wood chip