

Piston compressor based steam production

Accelerating the industrial decarbonisation with the REPower EU: Heat pump and paper industries' networking event, Brussels

Andreas Mück

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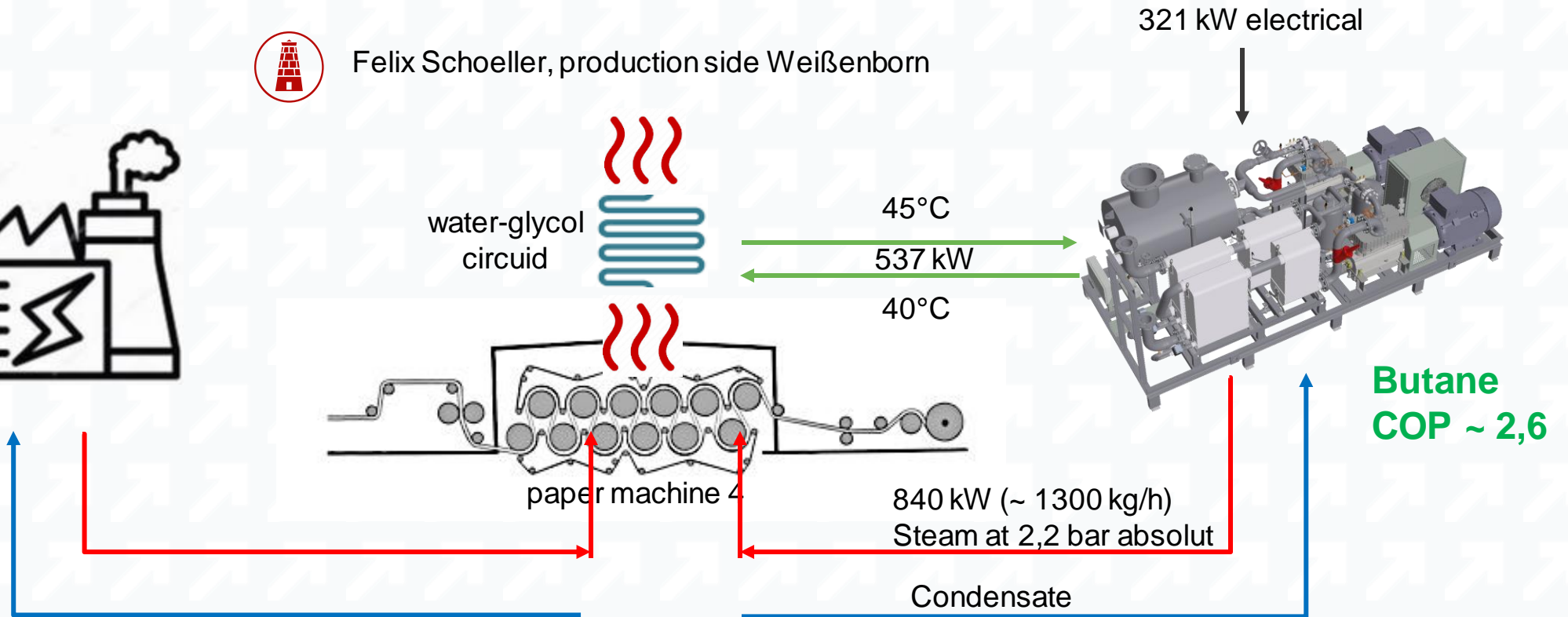
This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No.101069689 (PUSH2HEAT).



Case 1 (direct low pressure steam)



Felix Schoeller, production side Weißenborn



Heat Source availability: ~ 3.000 h/a
~ 2.520 MWh thermal savings, ~ 3.900 t steam per year
need for ~ 963 MWh electricity

All data is provisional and will be continuously updated



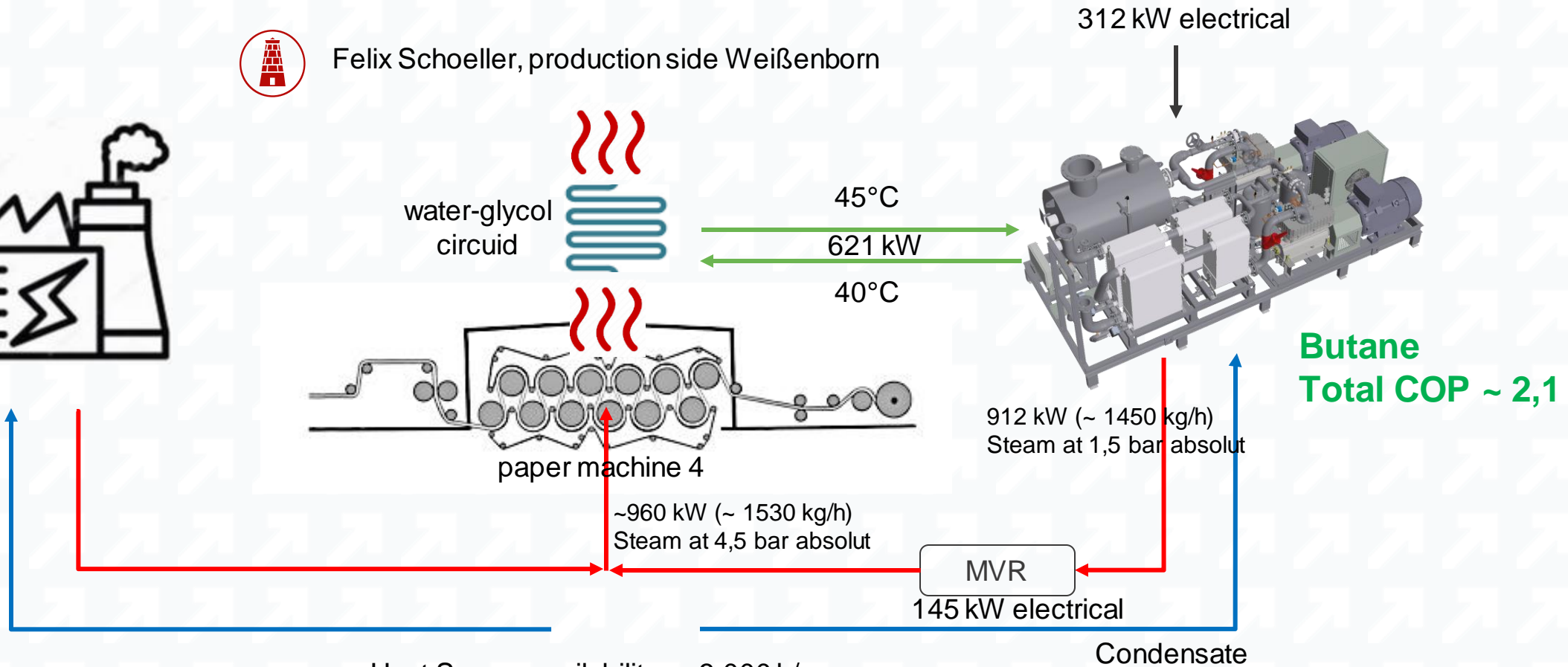
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Case 2 (+MVR, main line support)



Felix Schoeller, production side Weißenborn



Heat Source availability: ~ 3.000 h/a
~ 2.880 MWh thermal savings, ~ 4.600 t steam per year
need for ~ 1.371 MWh electricity

All data is provisional and will be continuously updated



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Thank you!

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[push2heat.eu](https://www.push2heat.eu)



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 **Push2Heat**