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Table S1. Physical and chemical properties of sugar beet cossettes

Parameter	Value
N(sugar beet cossette)	273
N(short cossette, *l*<10 mm)	19
N(standard cossette, 10 mm<*l*≤50 mm)	200
N(long cossette, *l*>50 mm)	54
A_{total}/m^2	0.140929
V_{total}/m^3	0.000123
Silin number/m	10.2034
$A_{specific}$=(A_{total}/V_{total})/(1/m)	1145.421
m(total dry matter)/*m*(cossette)	0.22±0.03
m(soluble dry matter)/*m*(cossette)	0.16±0.03
m(sucrose)/*m*(dry matter)	0.900±0.006
m(glucose)/*m*(soluble dry matter)	0.021±0.003
m(fructose)/*m*(soluble dry matter)	0.024±0.003
m(non-soluble dry matter)/*m*(cossette)	0.055±0.001
m(non-soluble dry matter)/*m*(total dry matter)	0.26±0.03

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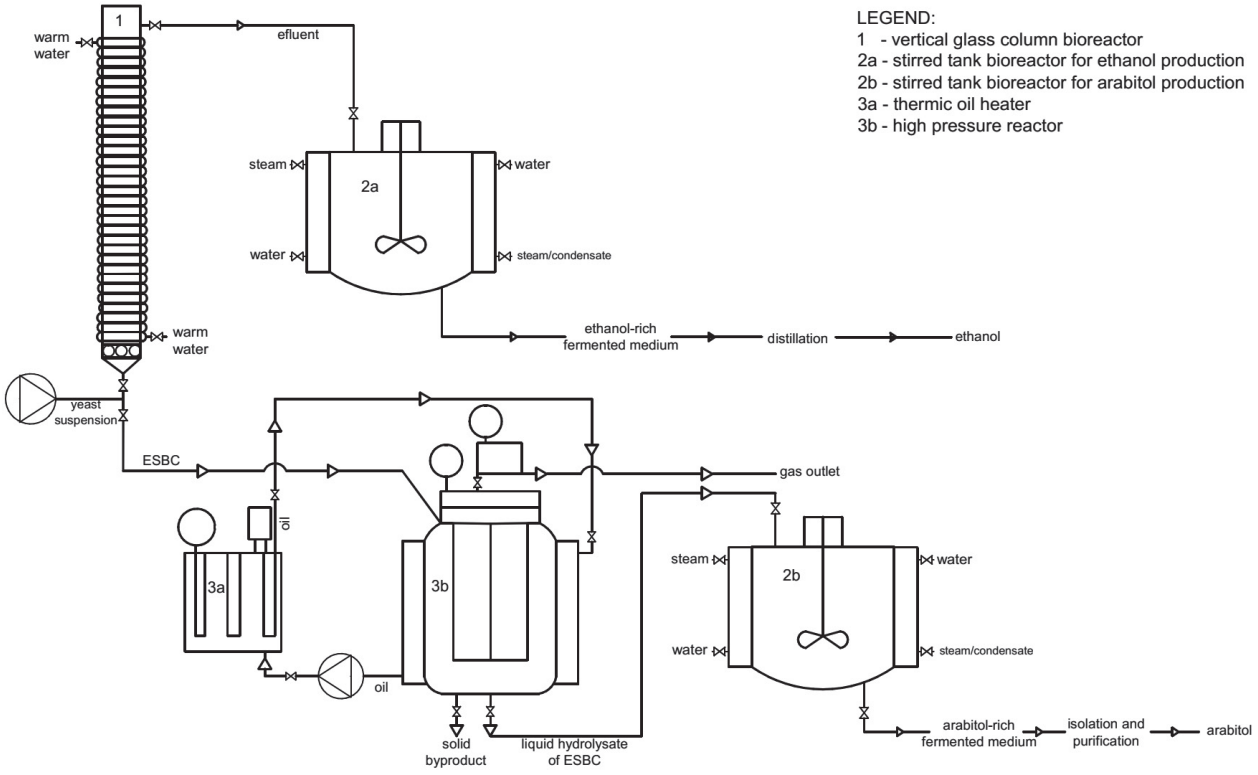

Fig. S1. Scheme of an integrated bioprocess system for bioethanol and arabitol production from sugar beet cossettes. ESBC=exhausted sugar beet cossettes