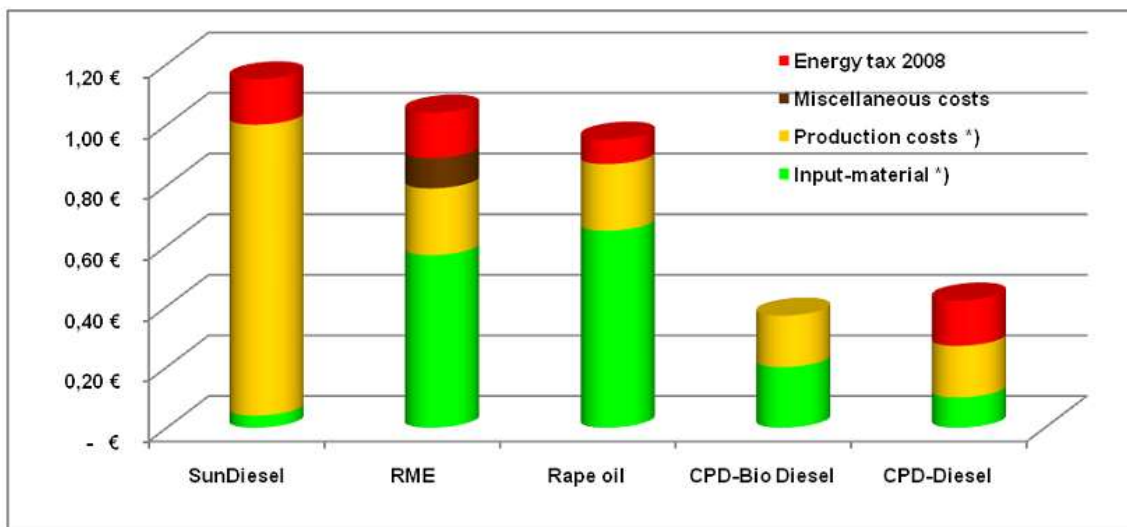


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CPD Diesel Potential from Biomass Germany and others

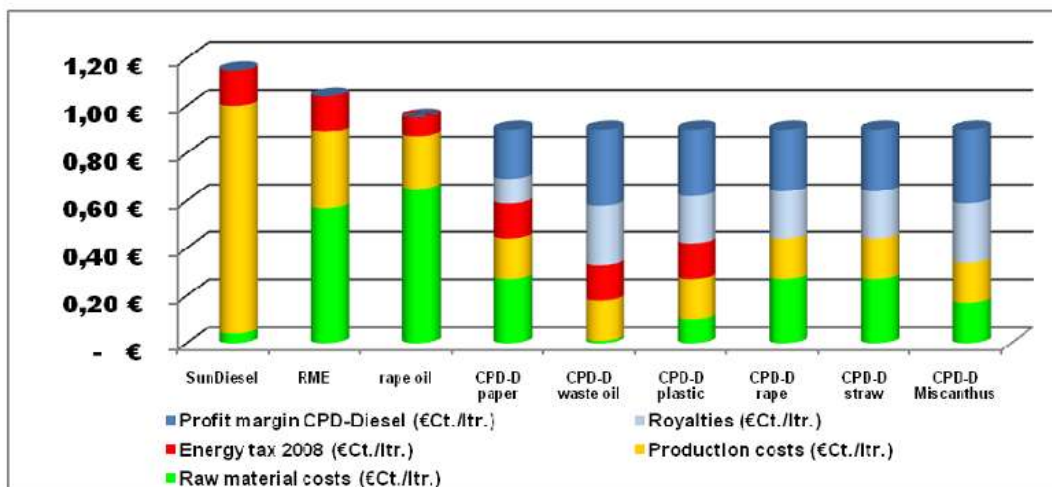
Lowest Costs for Production and Energy Tax for the CPD-Diesel

The following graphic compares the production costs of different bio - fuels.



* = incl. energy tax / excl. Transport costs, which can have different values

Highest Profit with CPD-Diesel

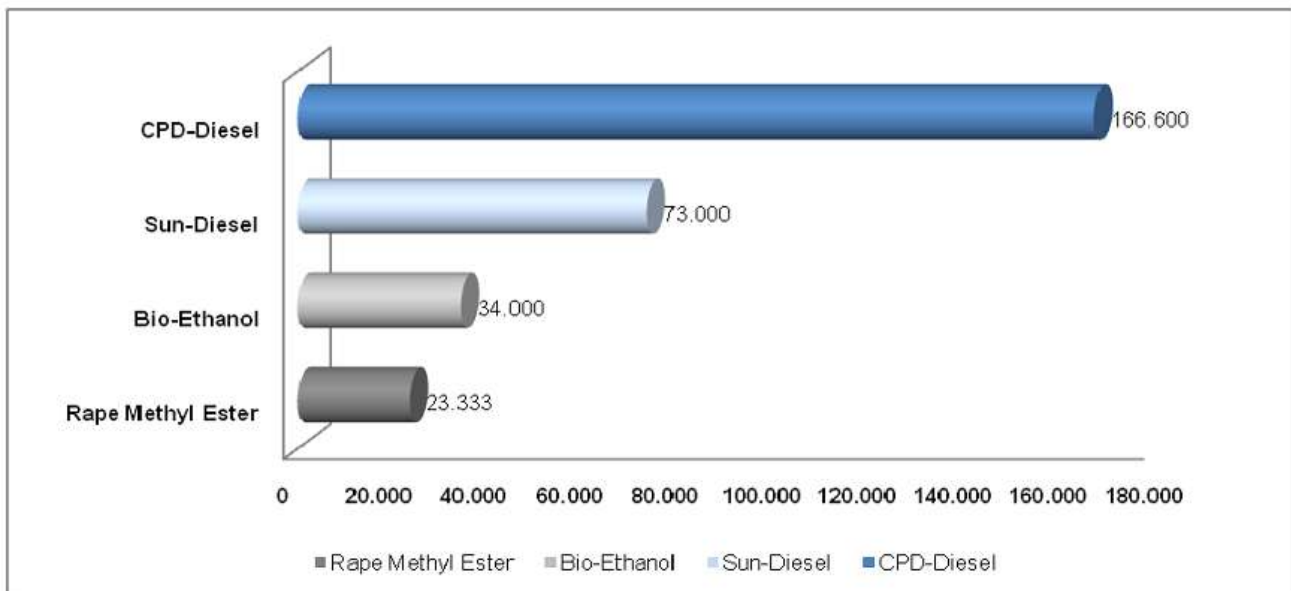




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Process	Energy efficiency	Yield (t oil/ha/a)	Oil-Equivalent
RME	45% - 54%	1,3	100%
Fischer Trop. Diesel	40% - 47%	1,7	131%
Methanol	40% - 55%	2,0	154%
Ethanol	33% - 50%	2,2	169%
CPD-Diesel	70% - 75%	5,9	454%

Highest Range for Vehicles Fueled with CPD-Diesel





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CPD-Diesel Potential from the Biomass in Germany

Biomass	Area (ha)	Amount Biomass (t)	Diesel Yield (l)	Diesel Yield (t)	in % of year Consumption	Number of CPD-500
Cereal straw	6'301'000	37'806'000	11'228'382'000	9'544'125	33,0%	2807
Maize straw	302'000	4'832'000	1'435'104'000	1'219'838	4,2%	358
Rape straw	1'429'000	6'430'500	1'909'858'500	1'623'380	5,6%	477
Miscanthus on unused areas	741'000	14'820'000	7'335'900'000	6'235'515	21,6%	1'834
Gras	321'000	1'605'000	476'685'000	405'182	1,4%	119
Grassland	5'000'000	25'000'000	7'425'000'000	6'311'250	21,8%	1'856
Miscanthus until 2020	3'500'000	70'000'000	34'650'000'000	29'452'500	101,9%	8'663
Total-Potential	17'594'000	90'493'500	64'460'929'500	54'791'790	189,6%	16'115

CPD-Diesel Potential from secondary Raw Materials in Germany

Secondary Raw Materials	Amount Waste (t)	Amount Waste (l)	Diesel Yield (l)	Diesel Yield (t)	in % of year Consumption	Number of CPD-500
Wasted Plastics	4'601'000		3'680'800'000	3'128'680	10,8%	837
Wasted oil	467'000	549'412	420'300'000	357'255	1,2%	101
Used paper and cardboard	7'895'000		2'368'500'000	2'013'225	7,0%	592
Total-Potential	12'963'000		6'729'800'000	5'499'160	19,0%	1'470

CPD-Diesel Potential from the Biomass in France

Biomass	Area (ha)	Amount Biomass	Diesel Yield (l)	Diesel Yield (t)	in % of year Consumption	Number of CPD-500
Maize straw	1.654.510	26.472.160	7.862.231.520	6.682.897	22,1%	1.966
Oat straw	111.160	666.960	198.087.120	168.374	0,6%	50
Rice straw	17.880	71.520	21.241.440	18.055	0,1%	5
Rye straw	31.310	187.860	55.794.420	47.425	0,2%	14
Soybeans straw	55.990	223.960	66.516.120	56.539	0,2%	17
Wheat straw	5.272.490	31.634.940	9.395.577.180	7.986.241	26,5%	2.349
Rape plant	1.231.820	5.543.190	1.646.327.430	1.399.378	4,6%	412
Millet straw	57.140	171.420	50.911.740	43.275	0,1%	13
Disused areas	1.365.800	27.316.000	13.521.420.000	11.493.207	38,1%	3.380
Total	11.401.120	101.906.130	35.674.688.610	30.323.485	100,5%	8.919