



**YERSEKE ENGINE SERVICES**



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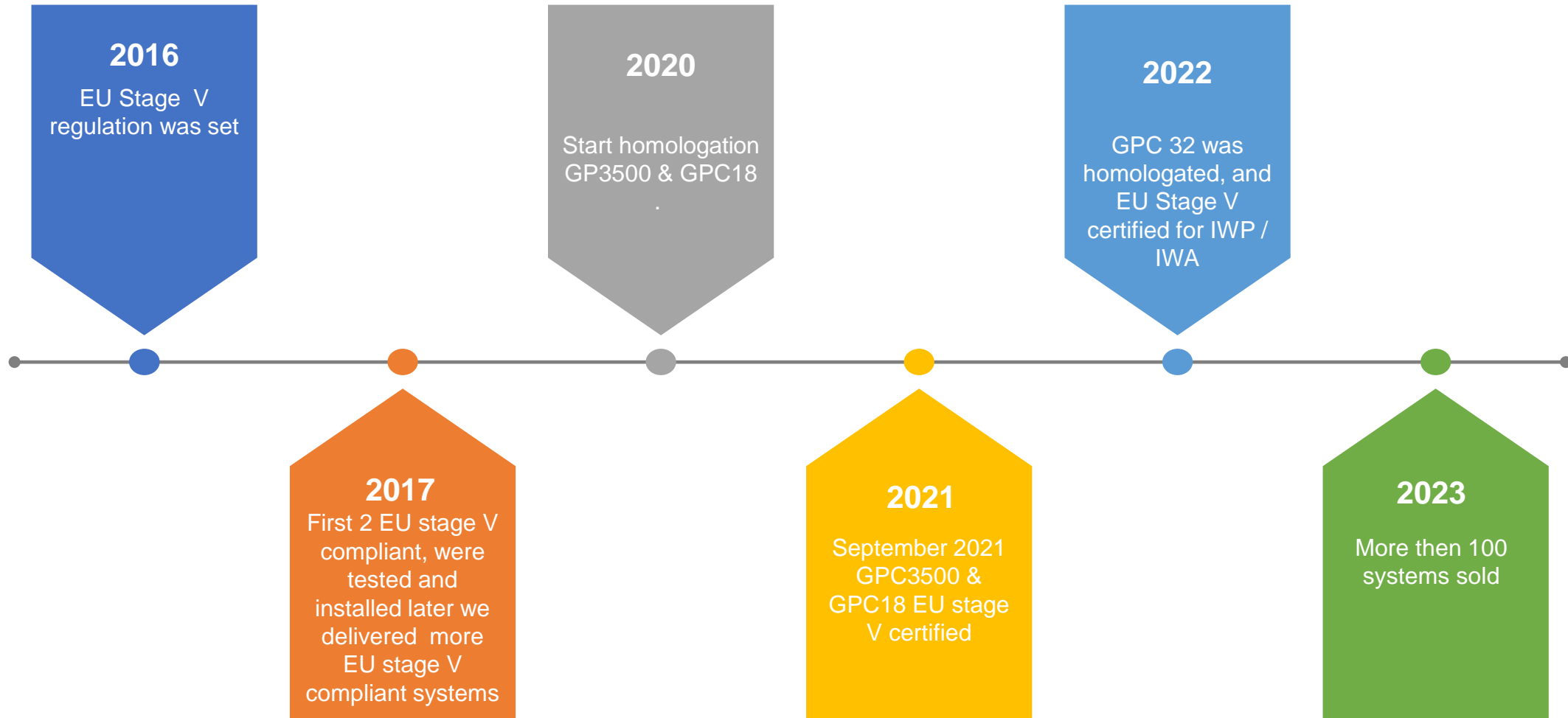
- **REPAIR**
- **MAINTENANCE**
- **OVERHAUL**
- **REPOWERING**
- **STAGE V SOLUTIONS**

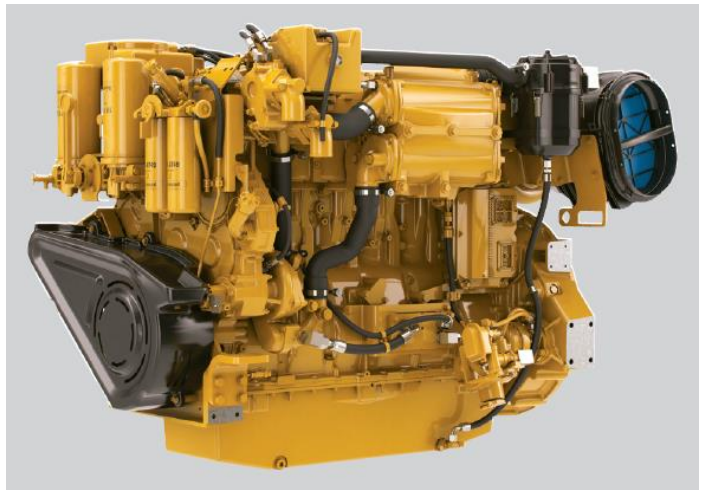
**WHENEVER YOU NEED US WHEREVER YOU ARE**



YES ELECTRO BV







## GPC18

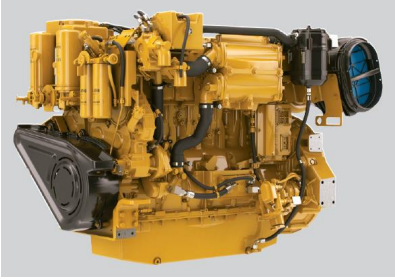


## GPC32



## GP3500





## GPC18



## GPC32



## GP3500

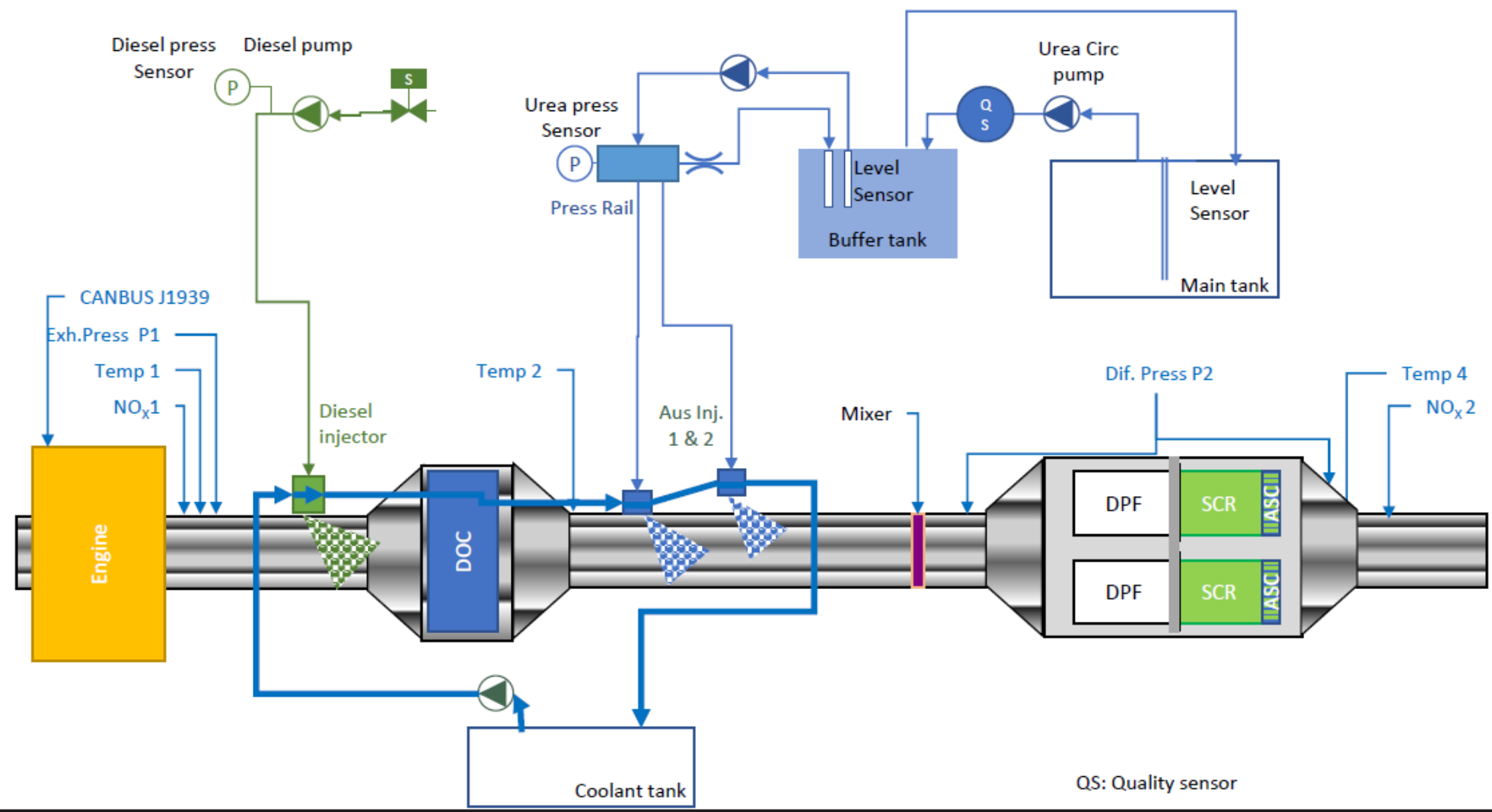
GreenPower propulsion engines covers a power range 339 BKW up to 2500 BKW

GreenPower auxiliary engines covers a power range 300 BKW (350 KVA) up to 994 BKW (1180 KVA) constant speed

GreenPower auxiliary engines covers a power range 300 BKW up to 2350 BKW variable speed



By the CAT C4.4 & C7.1 EU stage V genset without after treatment we cover a power range 80 KVA up to 118 KVA For higher ratings up to 138 KVA and lower ratings starting from 60 KVA we can offer other solutions also without exhaust after treatment



QS: Quality sensor







Inland waterway dry cargo vessels



Fishing vessels



Inland waterway tankers



Estuaire vessels



Custom build aftertreatment housing  
DPF & SCR in same housing > relatively small housing > retrofit  
Good noise reduction no silencer needed for “ standard “ installation  
Urea tank



Urea bunkering services  
Maintenance

## CCR2 vs EU Stage V

Engine power > 560 bkW

	CCR 2 LIMIT	EU Stage V LIMIT	Reduction	Reduction %
CO (g/kWh)	3,5	3,5	0	0
HC (g/kWh)	1,0	0,19	0,81	81
NO <sub>x</sub> (g/kWh) @2100 RPM	6,74	1,8	5,25	74
NO <sub>x</sub> (g/kWh) @1800 RPM	7,05	1,8	4,94	73
NO <sub>x</sub> (g/kWh) @1600 RPM	7,29	1,8	5,49	75
NO <sub>x</sub> (g/kWh) @1500 RPM	7,42	1,8	5,62	76
PM (g/kWh)	0,2	0,015	0,185	92,5
PN (1/kWh)	1 x 10 <sup>14</sup> *	1 x 10 <sup>12</sup>	0,99 x 10 <sup>14</sup>	99
* For CCR 2 there is no limit for PN				

Stage V solutions in combination with NEW fuels .e.g HVO100 ....

- ✓ Low emission > 95% NOx reduction caused by SCR
- ✓ Low emission > 95% PM reduction caused by DPF
- ✓ Low CO2 foot print > 90% CO2 reduction caused by NEW fuels
- ✓ YES tested several “Green Fuels” on their own test facility in Yerseke with good results
- ✓ Increase the sustainability of the larger diesel engine for the marine applications



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