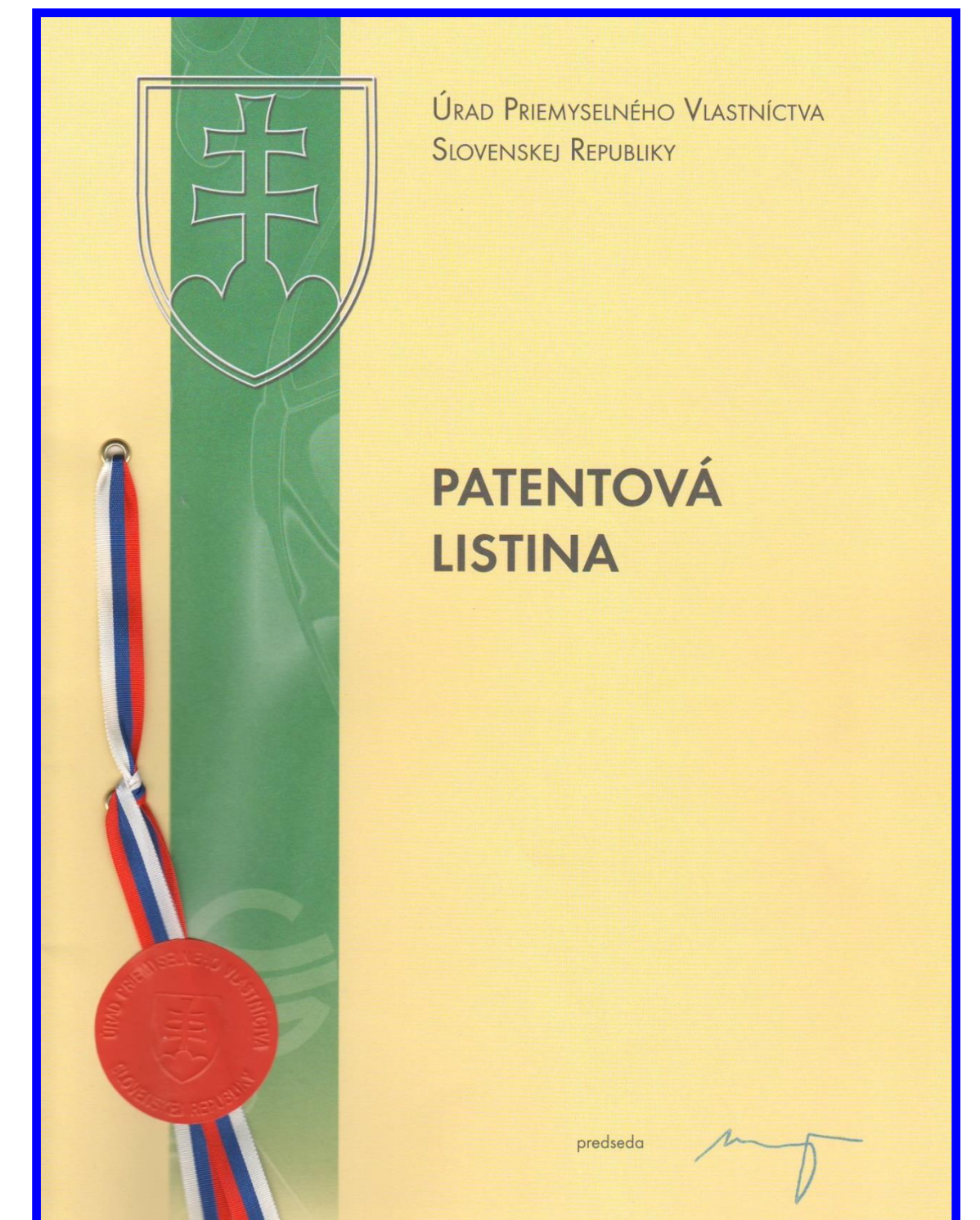
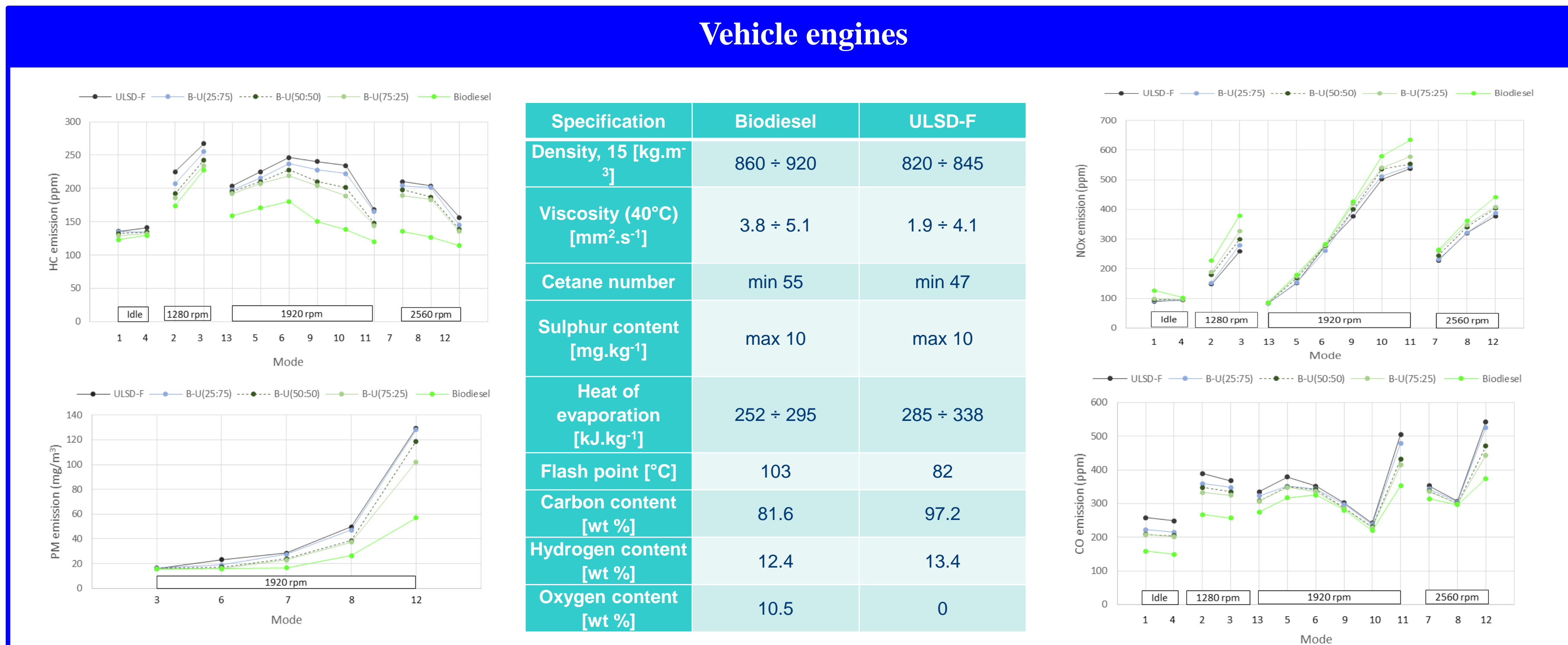




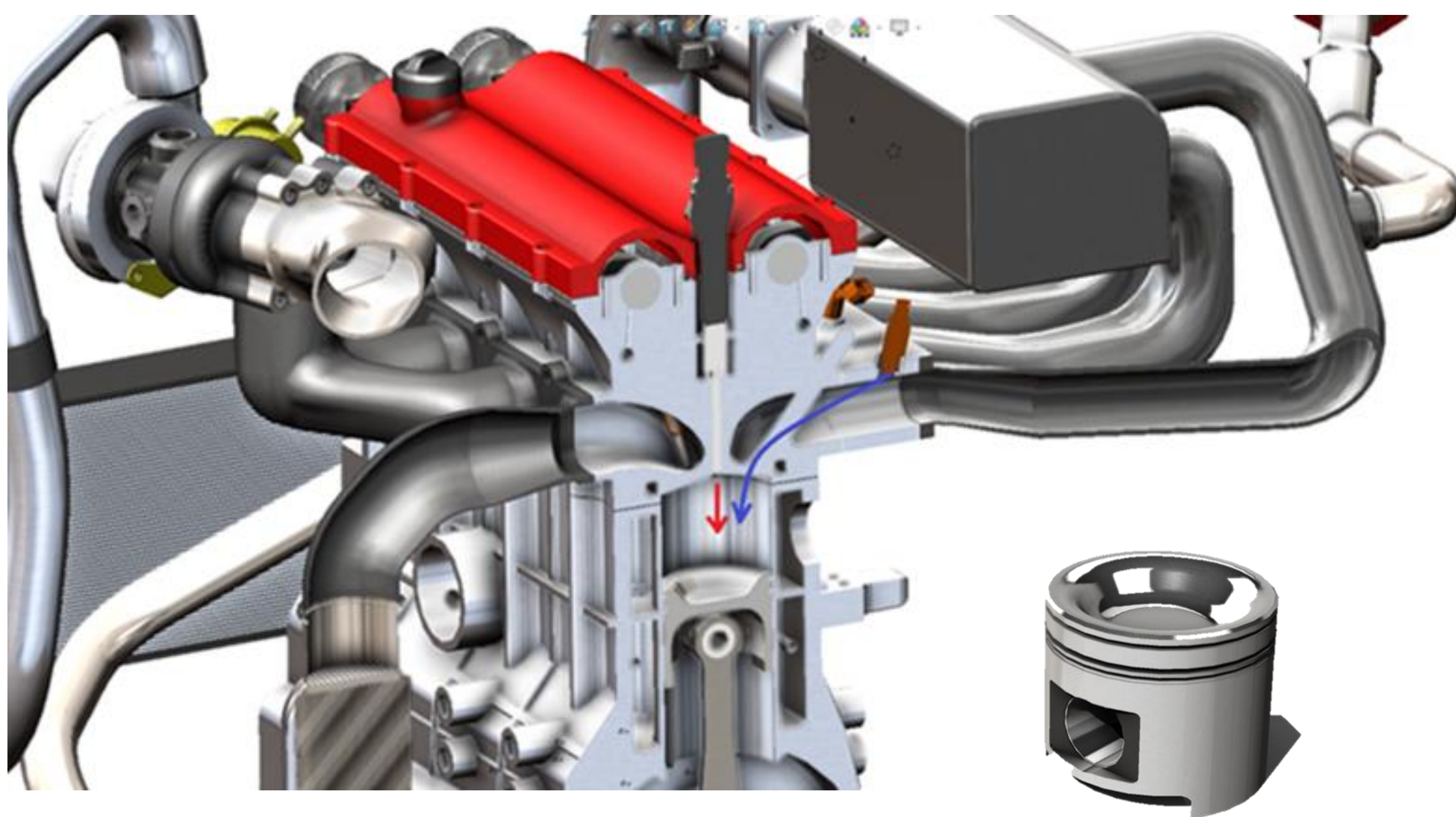
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## Analysis of emission footprint for fuel mixtures with renewable component

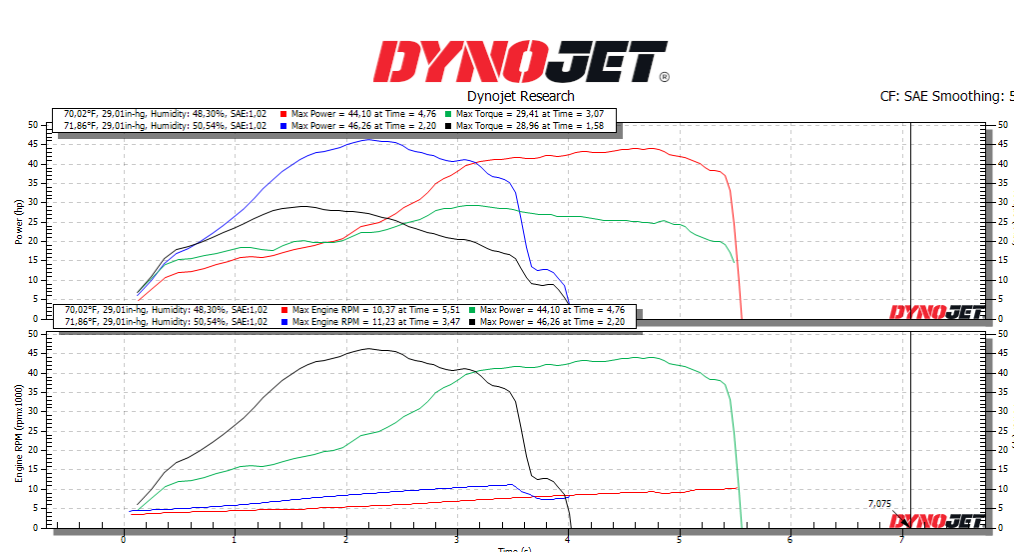
Assoc. Prof. Ing. Michal PUŠKÁR, PhD.



## Engine prototype



Specification	E85	UG (EN 228)	4SGP
Octane numbers, Ron (Mon)	108 (89)	95 (85)	100 (88)
Density [kg/l at 15°C]	0.79	0.72	0.725
Oxygen [% m/m]	32	2.7	2.6
Air/Fuel ratio	9.32	14.7	14.33
Vapour pressure [Bar at 37,8 °C]	0.400	0.592	0.530
Sulphur [mg/kg]	<30	2.9	<10
Lead content [g/litre]	<0.001	0.0025	<0.005
Benzene [% vol.]	0.1	0.83	<0.1



Dynojet i250

