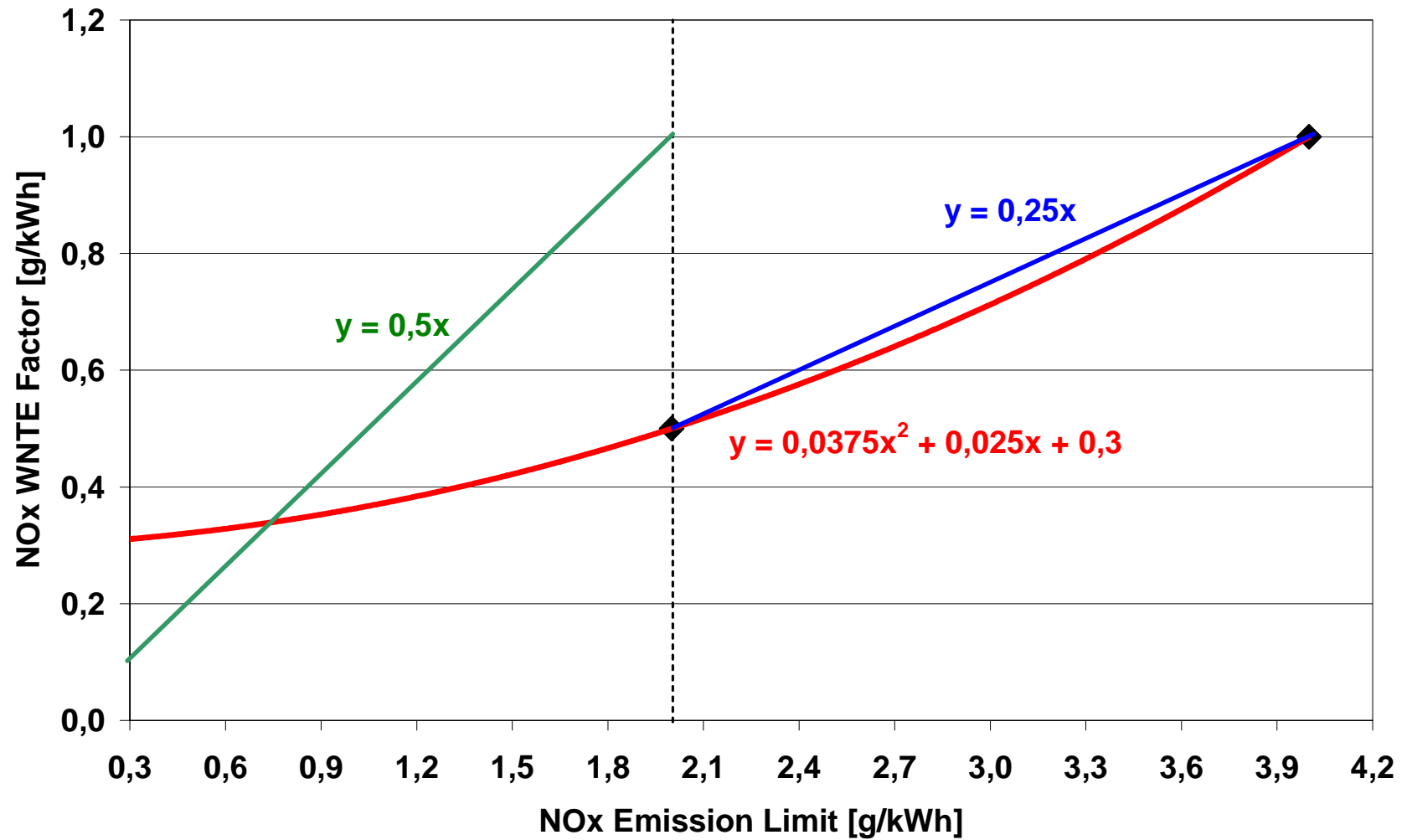


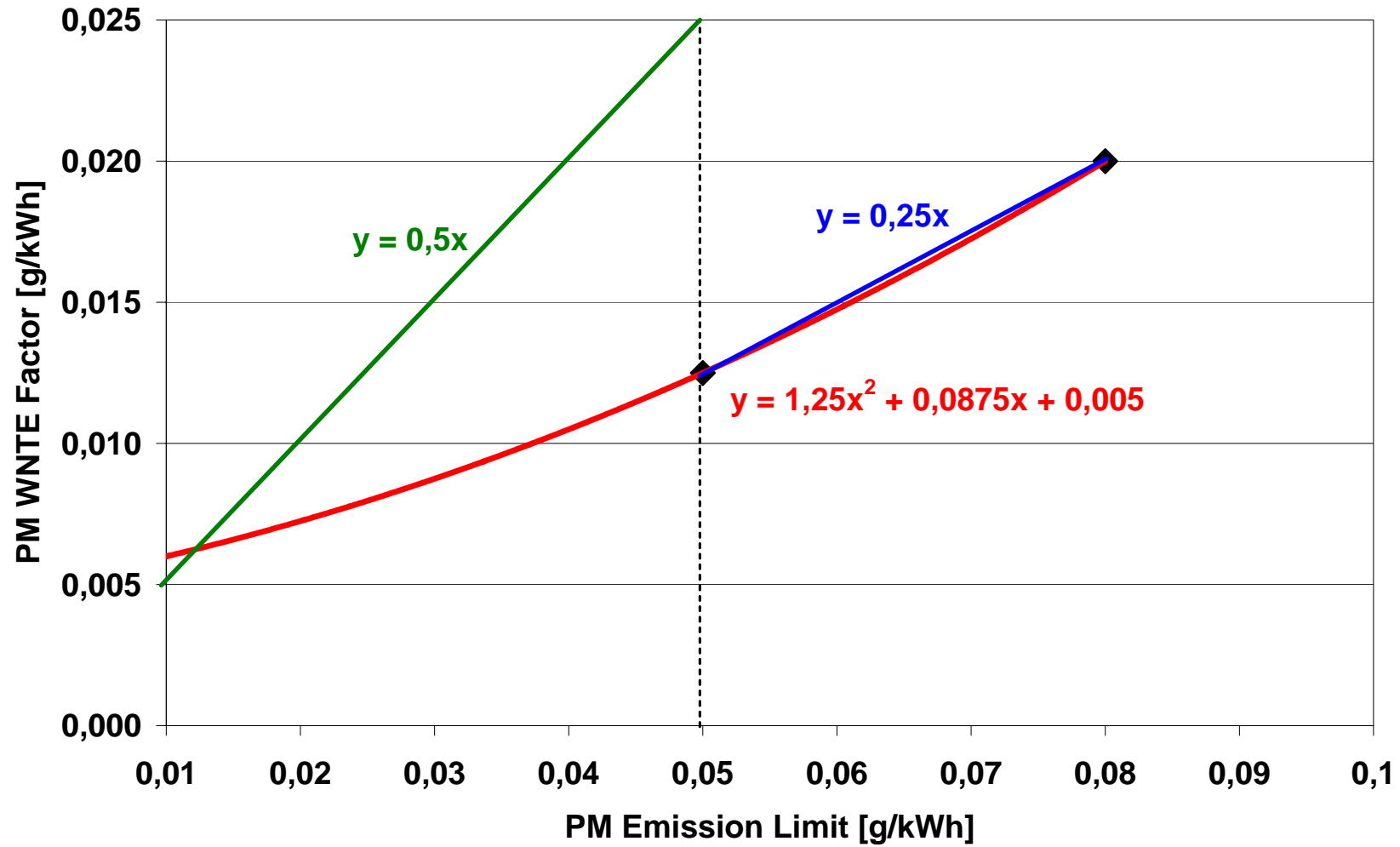
# OICA WNTE Proposal

- OICA proposed an alternative approach for the WNTE factors at the 13th meeting (05. April 2006, Den Haag)
- This approach would replace the current gtr proposal (table 1) with its emission limit dependent step with a continuous function
- The continuous function using a quadratic equation together with a fixed y-intercept for low values was presented at the 14th meeting (06. June 2006, Geneva) for NO<sub>x</sub> and PM
- At the request of the Chairman, a quadratic equation was also developed for HC and CO
- At the request of the OCE working group, the WNTE additive factors were calculated for a set of limit values
- This presentation summarizes the functions and tables for all regulated emission components

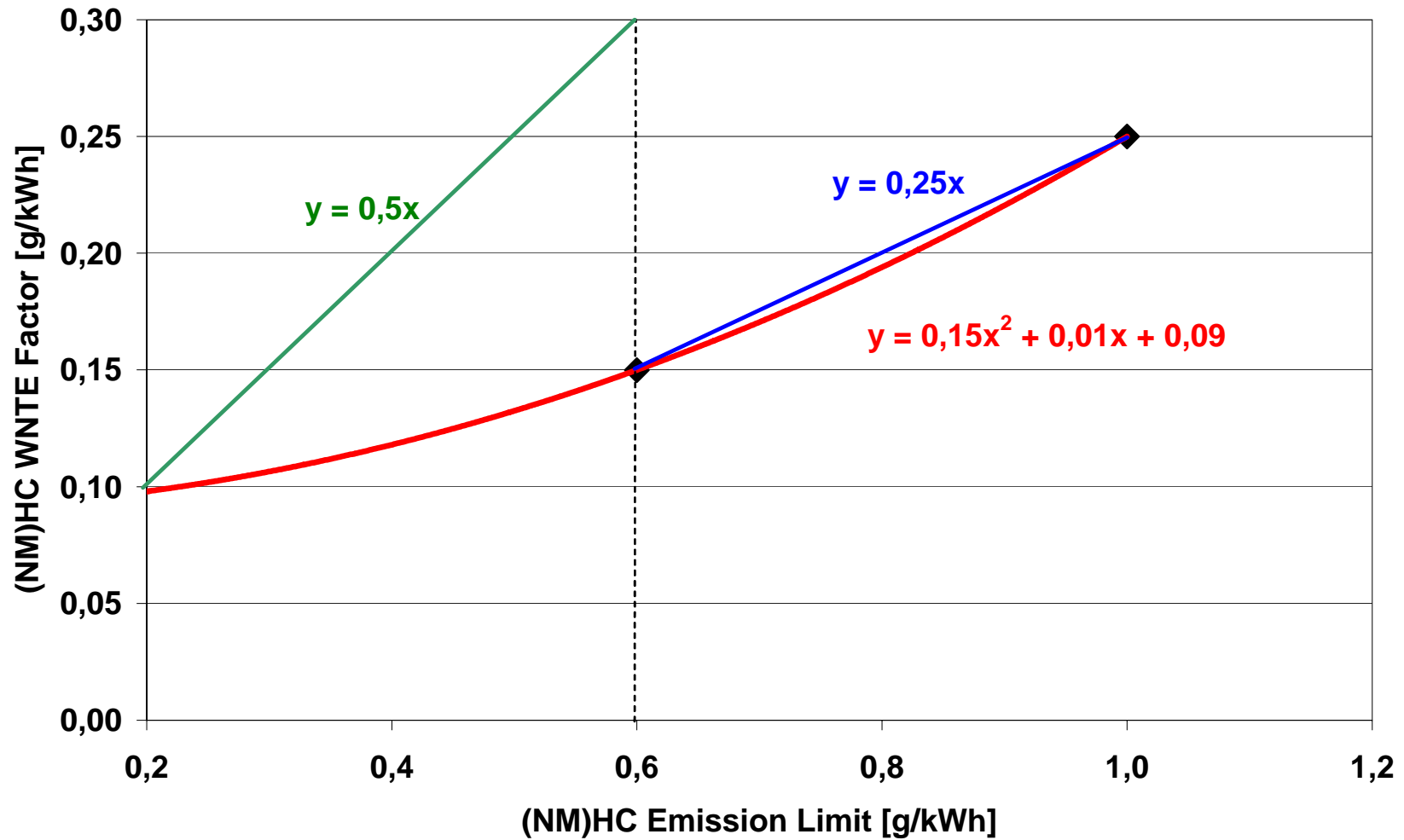
# OICA WNTE Proposal - NOx



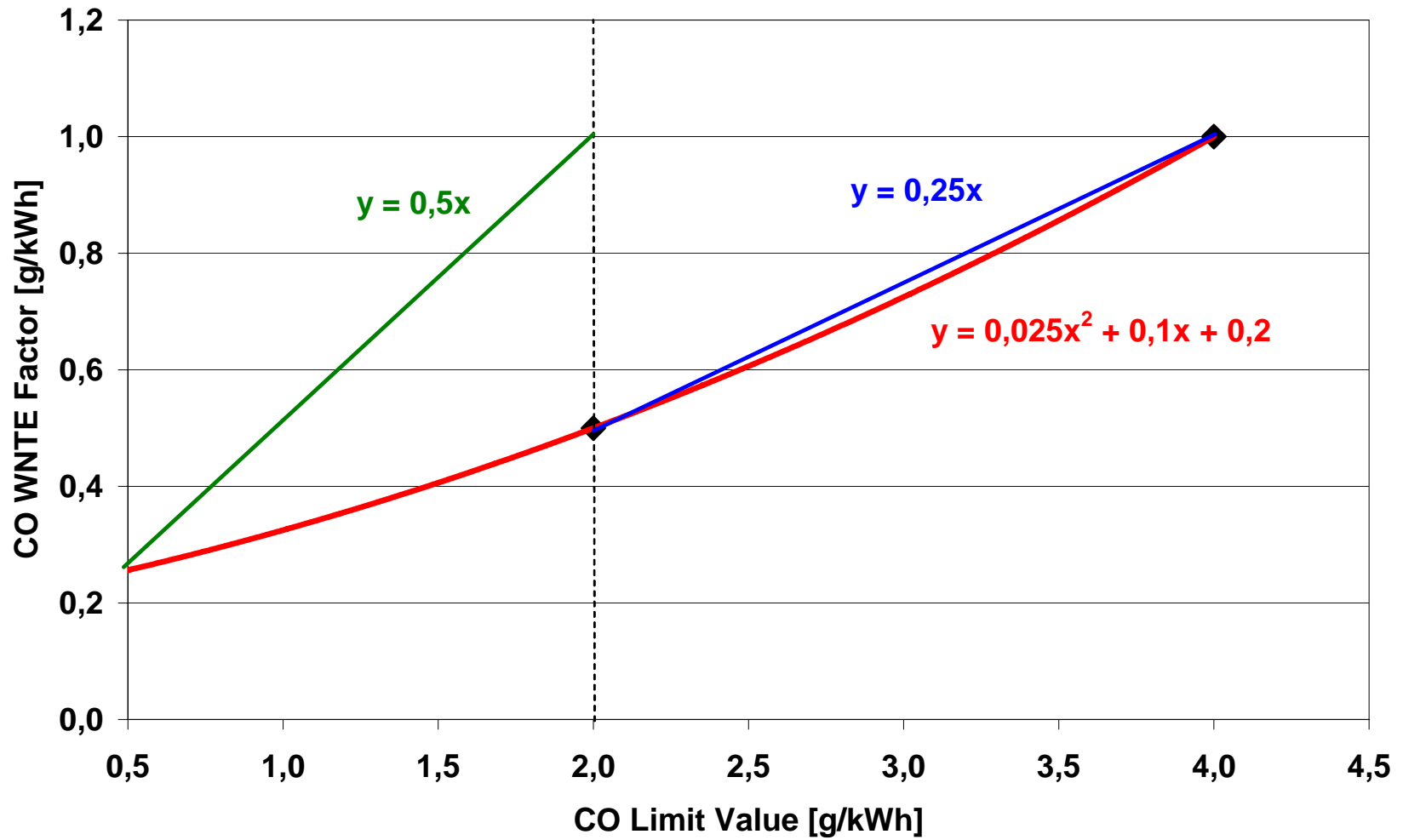
# OICA WNTE Proposal - PM



# OICA WNTE Proposal - HC



# OICA WNTE Proposal - CO



# NOx and PM WNTE Limits as Function of Existing Legislation

	Emission Limit	Additive WNTE Factor	WNTE Emission Limit	Remark
<b>NOx</b>	3,5	0,85	4,35	Euro IV
	3,4	0,82	4,22	US 04; Japan 04
	2,0	0,50	2,50	Euro V; Japan 05
	1,5	0,42	1,92	US 07
	0,7	0,34	1,04	Japan 09
	0,3	0,31	0,61	US 10
<b>PM</b>	0,13	0,038	0,168	US 04
	0,10	0,026	0,126	Euro III
	0,07	0,017	0,087	US 04 Bus
	0,03	0,009	0,039	Euro IV/V; Japan 05
	0,02	0,007	0,027	Euro IV/V; US 10
	0,01	0,006	0,016	Japan 09

All values in g/kWh

# HC and CO WNTE Limits as Function of Existing Legislation

	Emission Limit	Additive WNTE Factor	WNTE Emission Limit	Remark
<b>HC</b>	0,78	0,189	0,969	Euro III
	0,55	0,141	0,691	Euro IV/V ETC
	0,46	0,126	0,586	Euro IV/V ESC
	0,19	0,097	0,287	US 10
	0,17	0,096	0,266	Japan 05/09
<b>CO</b>	20,8	13,10	33,90	US 04/07/10
	5,5	1,51	7,01	Euro III
	4,0	1,00	5,00	Euro IV/V ETC
	2,2	0,54	2,74	Japan 05/09
	1,5	0,41	1,91	Euro IV/V ESC

All values in g/kWh