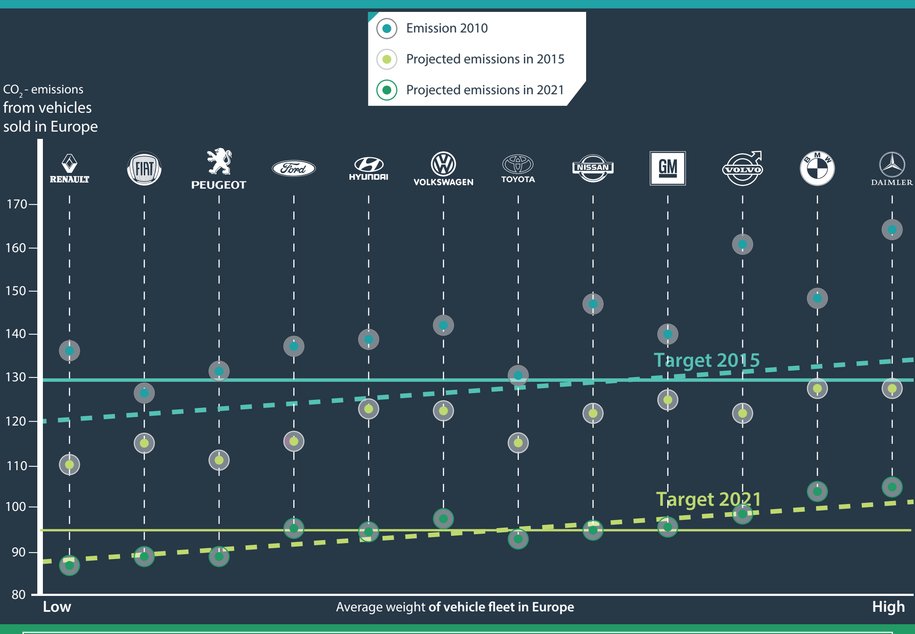
Are European carmakers failing to meet EU's CO^2 emission demands?

The year 2015 marks another milestone for the European emission targets. According to PA Consulting Group all OEMs will meet their targets for 2015 with an CO_2 emission average of 130 g CO_2 / km. However, the overall EU target of 95g CO_2 / km in 2021 will be much more challenging! Each manufacturer has its own individual target, depending on their European vehicle fleet. Additionally, so called super-credits for certain light vehicles will be part of equation.



Eight OEMs are expected to fail to meet the EU emission targets in 2021. They could face massive penalties and fines from around of 100 Million Euros (e.g. BMW) to over 1 Billion Euros (e.g. Daimler).

Expected to fail:	Expected to succeed:
Volkswagen	Renault
BMW	Peugeot-Citroen
Daimler	Fiat
Jaguar Land Rover	Toyota
Hyundai	
Nissan	
Ford	
General Motors	

Ranking of OEMs based on average CO2 emissions by 2021

Ranking 2021	Ranking 2015	OEM	2010	2012	2013	2015	2020*	2021	Individual goal for 2021
1	1	Renault	136,3	121,3	114,9	109,5	88,6	87	90
2	2	PSA	131,6	121,1	115,7	111	92	89	93
3	5	Fiat	125,9	119,8	118,8	115,7	94,2	89,9	90
4	3	Toyota	130	121,7	116,8	113,7	92,8	92	94
5	9	Hyundai	139	134	129,8	123,3	99,3	94,2	93
6	7	Nissan	148	138	130,9	122,5	97,6	95	95
7	4	Ford	136,9	129,1	121,8	115,3	98,6	95,5	94
8	10	GM	139,8	132,4	132,8	125,8	100,6	96,5	95
9	8	VW	142,5	133,5	128,9	123,1	100,8	98,5	94
10	6	Volvo	161	144	132	121,9	101,7	99,3	100
11	11	BMW	147,9	140,9	134,4	128,6	105,7	104,9	100
12	12	Daimler	163,3	147,8	136,6	129,2	106,9	106,2	101
13	13	JLR**	223	187	182	174,2	142,3	135,8	132

*Data for total fleet

**CO2 target for jaguar Land Rover for 2020/21 is 135g/km (the individual target is 132 g/km) because JLR sells less than 300.000 vehicles per year.

All data used based on PA Consulting Group.
Sources:
http://www.paconsulting.com/introducing-pas-media-site/highlighting-pas-expertise-in-the-media/articles-quoting-pa-experts/energiwatch-european-carmakers-fail-to-meet-eus-co2-emission-demands-29-april-2015/
http://www.automobil-industrie.vogel.de/oems/articles/484905/

Are you interested in learning more about:

Real Driving Emissions, current EU regulations, latest test drive results, PEMS technology and testing logistics, data evaluation tools, RDE simulation strategies and Engine optimization approaches? Join us at the 3rd Real Driving Emissions Conference from 27-29 October in Berlin, Germany.

Download the Agenda

REAL DRIVING EMISSIONS