



March 16, 2020

Paul Kennedy
Transport Head
Transportation-Land & Sea

Subject: Greentech Saving Devices – Test Results

Dear Mr. Paul,

We would like to thank you for the opportunity that you have given to us for testing the device in 6 of your heavy vehicles.

The results of the conducted test of the 6 heavy vehicles within a month period revealed that the average saving per vehicle is 7.4 % (between 5% to 13%)

As per the consumption data we have, we figured out that the annual average saving per vehicle is AED17,283 while the cost per Greentech device is only AED1,500.

Based on the above, the average payback period will be around 30 days and the average ROI is 1,152 %.

Keep in mind that the expected lifetime of the device is 10 years without incurring any maintenance costs.

In addition to the above, the Greentech device considered to be a great tool of reducing the bad emissions up to 97% as you will notice that in the attached separate report.

Find attached the executive summary along with more details regarding the conducted tests.

Best Regards,
Wasfy Abushaban
General Manager

Table of Contents

- 1 – Executive Summary
- 2 – Bad Emission Tests
- 3 – Brochures
- 4 – USA Patent

Executive Summary

Greentech Saving Devices for IFFCO

The results of the conducted tests of 6 Heavy Vehicles of 550 Litter Tank each

As detailed on the attached Annex "A" , we figured out that the average saving per vehicle within a month time is 7.4% as per the following table.

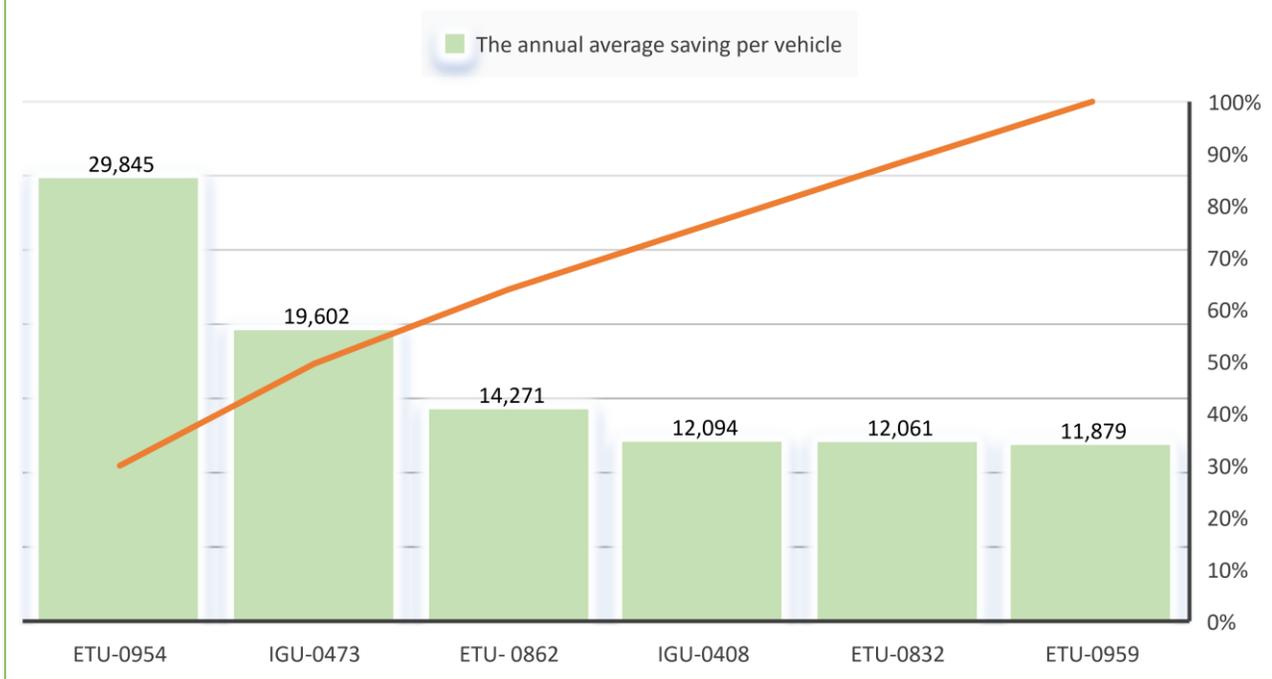
Vehicle	Average Kilometer per Liter			The Desil cost in AED			The annual average saving per vehicle
	Before Installation	After Installation	Saving %	Average Daily Cost	Average Monthly Cost	Average Yearly Cost	
ETU-0954	1.31	1.48	13%	784	20,384	244,608	32,318
IGU-0473	1.31	1.42	9%	785	20,410	244,920	21,254
ETU- 0862	1.31	1.39	6%	742	19,292	231,504	14,626
ETU-0959	1.31	1.38	5%	719	18,694	224,328	11,797
ETU-0832	1.31	1.38	5%	717	18,642	223,704	11,944
IGU-0408	1.31	1.38	5%	704	18,304	219,648	11,760
The average annual saving per vehicle			7.4%	742	19,288	231,452	17,283

The cost per device for each vehicle	AED	1500
The payback Period in months	Month	1.04
The average annual saving per vehicle	AED	17,283
The average annual saving per 500 vehicle	AED	8,641,593
The average ROI		1152%

Average Kilometer per Liter

Vehicle	Before Installation	After Installation	Saving %	The annual average saving per vehicle
ETU-0954	1.31	1.48	13%	29,845
IGU-0473	1.31	1.42	9%	19,602
ETU- 0862	1.31	1.39	6%	14,271
ETU-0959	1.31	1.38	5%	11,879
ETU-0832	1.31	1.38	5%	12,061
IGU-0408	1.31	1.38	5%	12,094
The average annual saving per vehicle			7.4%	16,625

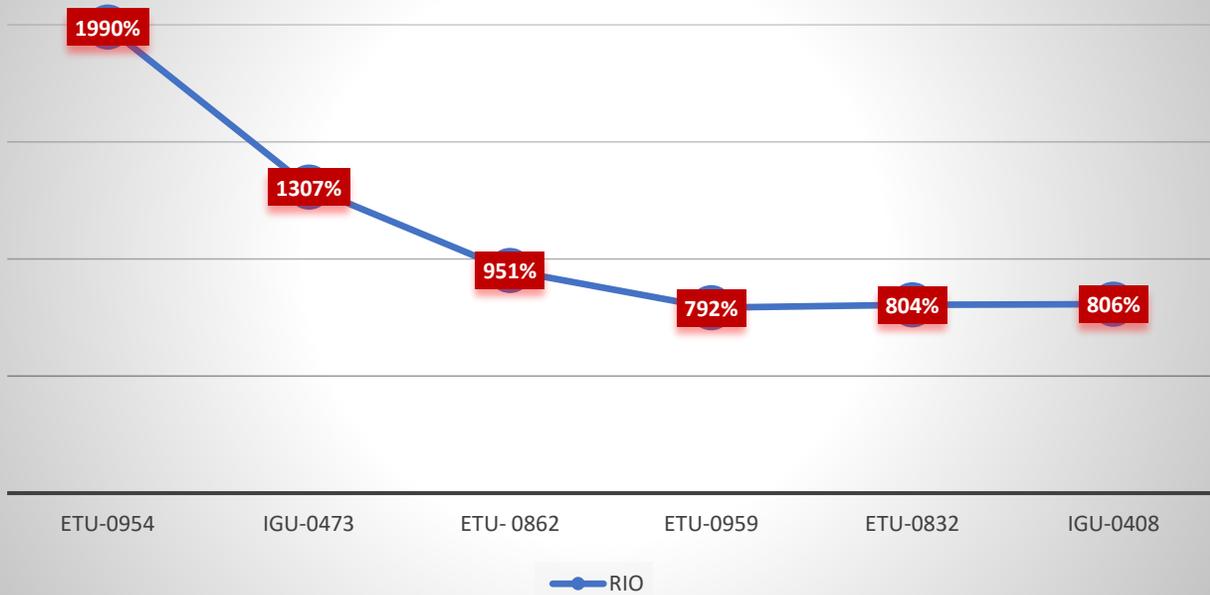
Annual Saving in AED per vehicle



Return on Investment

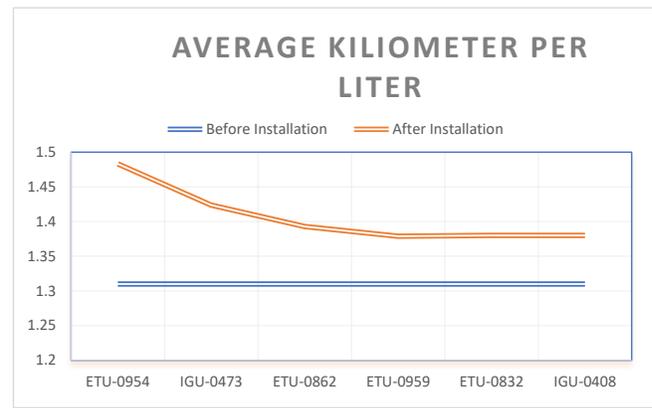
Vehicle	Cost per Device	The monthly average saving per vehicle	Payback Period in days	RIO
ETU-0954	1500	2,487	18	1990%
IGU-0473	1500	1,633	28	1307%
ETU- 0862	1500	1,189	38	951%
ETU-0959	1500	990	45	792%
ETU-0832	1500	1,005	45	804%
IGU-0408	1500	1,008	45	806%
Average			31	1152%

Return ON Investment



Annex "A"

Vehicle	Before Installation	After Installation	Saving %
ETU-0954	1.31	1.48	13%
IGU-0473	1.31	1.42	9%
ETU-0862	1.31	1.39	6%
ETU-0959	1.31	1.38	5%
ETU-0832	1.31	1.38	5%
IGU-0408	1.31	1.38	5%
The average annual saving per vehicle			7.4%



ETU-0832	
14-Feb-20	1.30
15-Feb-20	1.41
16-Feb-20	1.44
17-Feb-20	1.42
18-Feb-20	1.44
19-Feb-20	1.41
20-Feb-20	1.46
21-Feb-20	1.26
22-Feb-20	1.27
23-Feb-20	1.36
24-Feb-20	1.44
25-Feb-20	1.40
26-Feb-20	1.43
27-Feb-20	1.39
1-Mar-20	1.41
2-Mar-20	1.42
3-Mar-20	1.39
4-Mar-20	1.37
5-Mar-20	1.17
8-Mar-20	1.32
9-Mar-20	1.41
10-Mar-20	1.40
11-Mar-20	1.42
12-Mar-20	1.41
Average	1.38

ETU-0862	
14-Feb-20	1.41
15-Feb-20	1.36
16-Feb-20	1.35
17-Feb-20	1.45
18-Feb-20	1.39
19-Feb-20	1.41
20-Feb-20	1.39
22-Feb-20	1.39
23-Feb-20	1.35
24-Feb-20	1.37
25-Feb-20	1.44
26-Feb-20	1.46
27-Feb-20	1.41
29-Feb-20	1.44
1-Mar-20	1.38
2-Mar-20	1.40
3-Mar-20	1.44
4-Mar-20	1.38
5-Mar-20	1.38
7-Mar-20	1.36
8-Mar-20	1.36
9-Mar-20	1.39
10-Mar-20	1.38
11-Mar-20	1.40
12-Mar-20	1.35
14-Mar-20	1.38
Average	1.39

ETU-0959	
14-Feb-20	1.38
15-Feb-20	1.37
16-Feb-20	1.35
17-Feb-20	1.38
21-Feb-20	1.38
22-Feb-20	1.43
23-Feb-20	1.32
24-Feb-20	1.36
25-Feb-20	1.33
26-Feb-20	1.41
27-Feb-20	1.50
29-Feb-20	1.39
1-Mar-20	1.37
3-Mar-20	1.39
4-Mar-20	1.39
5-Mar-20	1.36
8-Mar-20	1.37
9-Mar-20	1.38
10-Mar-20	1.34
11-Mar-20	1.36
13-Mar-20	1.40
14-Mar-20	1.38
Average	1.38

IGU-0408	
14-Feb-20	1.34
15-Feb-20	1.35
16-Feb-20	1.36
17-Feb-20	1.30
18-Feb-20	1.48
19-Feb-20	1.32
20-Feb-20	1.38
22-Feb-20	1.28
24-Feb-20	1.32
25-Feb-20	1.44
26-Feb-20	1.46
27-Feb-20	1.62
1-Mar-20	1.53
2-Mar-20	1.23
3-Mar-20	1.30
4-Mar-20	1.38
5-Mar-20	1.27
9-Mar-20	1.65
10-Mar-20	1.27
11-Mar-20	1.45
12-Mar-20	1.31
14-Mar-20	1.33
1.38	

IGU-0473	
14-Feb-20	1.43
15-Feb-20	1.36
16-Feb-20	1.36
18-Feb-20	1.26
19-Feb-20	1.49
20-Feb-20	1.46
22-Feb-20	1.49
23-Feb-20	1.38
24-Feb-20	1.46
25-Feb-20	1.45
26-Feb-20	1.57
27-Feb-20	1.38
29-Feb-20	1.30
1-Mar-20	1.35
2-Mar-20	1.46
3-Mar-20	1.49
4-Mar-20	1.52
8-Mar-20	1.39
9-Mar-20	1.44
10-Mar-20	1.43
11-Mar-20	1.40
13-Mar-20	1.39
14-Mar-20	1.48
1.42	

ETU-0954	
14-Feb-20	1.41
15-Feb-20	1.38
16-Feb-20	1.37
17-Feb-20	1.46
18-Feb-20	1.38
19-Feb-20	1.38
20-Feb-20	1.43
22-Feb-20	1.47
23-Feb-20	1.40
24-Feb-20	1.50
25-Feb-20	1.52
26-Feb-20	1.42
29-Feb-20	1.54
1-Mar-20	1.40
2-Mar-20	1.40
3-Mar-20	1.51
4-Mar-20	1.45
5-Mar-20	1.45
7-Mar-20	2.84
8-Mar-20	1.35
9-Mar-20	1.44
10-Mar-20	1.42
11-Mar-20	1.44
12-Mar-20	1.42
13-Mar-20	1.36
14-Mar-20	1.41
1.48	



Date: 11th February 2020

Jordan
General Security Department
Traffic Department

Vehicle #: **22-34302**
Owner: **Rayed Al Khalila**
Brand: **Nissan Pathfinder**
Model: **2015**
Chassis #: **5NICR2M5XFC630647**

Exhaust Gas Analysis Results

Description		Before Installing the Device	After Installing the Device	Percentage %
	Allowance %	27/1/2020	4/2/2020	Changes
CO, %	<=5.00	3.290	4.906	49%
CH, ppm	<=600	1034	191	-82%
CO2, %	>=10.0	5.220	11.800	126%
O2, %	<=6.0	10.30	0.08	-99%
N, min - 1		801	0	-100%
Lambda		1.220	0.862	-29%
NOx, ppm		208	85	-59%
t-Oil, c		95.4	28.0	-71%

FAILED

PASSED



مملكة الأردنّ العظمى

إدارة ترخيص السواقين والمركبات
كروت تحليل غازات العادم - بنزين

22 -- 34302

رقم المركبة:

اسم المالك:

راند الخلايله

نوع المركبة:

نيسان

صنف المركبة:

باف فاندر

موديل المركبة:

2015

رقم الشاصي:

ملاحظات:

نتائج تحليل غازات العادم.

الخيار	النسبة المسموح بها	تسجيل
CO, %	≤ 5.00	4.906
CH, ppm	≤ 600	191
CO2, %	≥ 10.0	11.800
O2, %	≤ 6.0	0.08
N,min-1		0
Lambda		0.862
NOx,ppm		85
t-Oil,c		28.0

نتيجة الفحص:

ناجح

التوقيع:

AM التاريخ 04/02/2020 الوقت 11:28:34



مذكرة الأمانة العامة

إدارة ترخيص السواقين والمركبات
كروت تحليل غازات العادم - بنزين

رقم المركبة: 34302 -- 22

اسم المالك: رابر الحويدي

نوع المركبة: باثفايندر

صنف المركبة: هـ-ببرد

موديل المركبة: C.10

رقم الشاصي: SNICR2MSXFC630647

ملاحظات:

نتائج تحليل غازات العادم.

الخيار	النسبة المسموح بها	تسجيل
CO, %	≤ 5.00	3.290
CH, ppm	≤ 600	1034
CO2, %	≥ 10.0	5.220
O2, %	≤ 6.0	10.30
N,min-1		801
Lambda		1.220
NOx,ppm		208
t-Oil,c		95.4

نتيجة الفحص:

راسب

التوقيع:

AM التاريخ 27/01/2020 الوقت 11:19:14