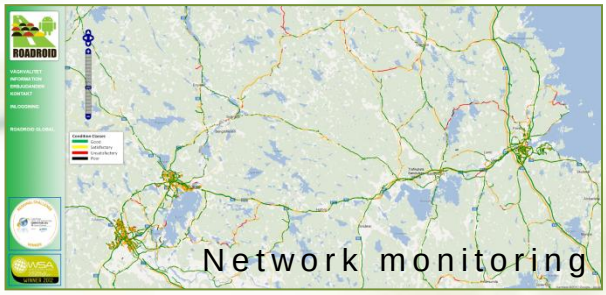
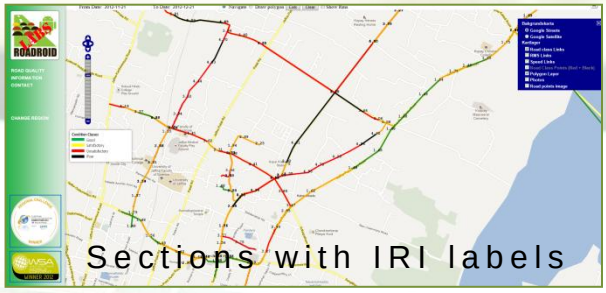
ROADROID





Android application

Had enough of paying expensive measurements?

- Join the revolution of road maintenance management!

" - Roadroid is accurate and easy to use!"

" It allows you to gather powerful data for continuous follow ups and investigate new research areas."

"- A great step towards an effective planning and infrastructure development"

" - The internet map toolbox saves you the costs for expert GIS tools."

Roadroid

- Android smartphone application
  Picking up the vibrations from the road and transfer it to a road condition and IRI
- An evolving internet road maintenance management tool
  Pick your sections or project data into a shape file with GeoID:s.
- Exports to RMMS/HDM
  Get estIRI values - or sample IRI directly for a set speed and sections down to 20 m.
- Use the built in GPS-Camera
  Pick GPS photos and monitor it together with the road condition data
- Optional: GPS HD-Video system
  Use a HD camera system on the same map as the Roadroid data.

CONTACT US FOR AN INTRODUCTION, REFERENCES AND AN OFFER!

A Road condition revolution!

ROADROID - SINCE 2002

Roadroid (US. PAT. PENDING) is developed since 2002. From Swedish R&D with external accelerometer, GPS and a laptop PC - to android smartphones with support for different cars, speed and phone models.

THE ROADROID INDEX

Since 2012 extensive field trials and pilots has been performed and over million of samples has been collected globally. We are on our way to a new global standard for road condition!

MADE IN SWEDEN

We use new technologies and highest knowledge in Android and global maps.

And our internet toolbox continuously develops its RMMS functions.

VALUE PROPOSITIONS

Services are for the Swedish market are:

1) **The city street report,** for cities and the

2) **Periodic highway contractor report** suitable for follow up on Performance Based Contracts.

GLOBAL SERVICES

We are globally offering network and object monitoring. We use Open Street Map for road links – or preferably fit the data to your own shape files.

HD-VIDEO AND GPS

Roadroid is successfully used with GPS HD video on the same map. And its….

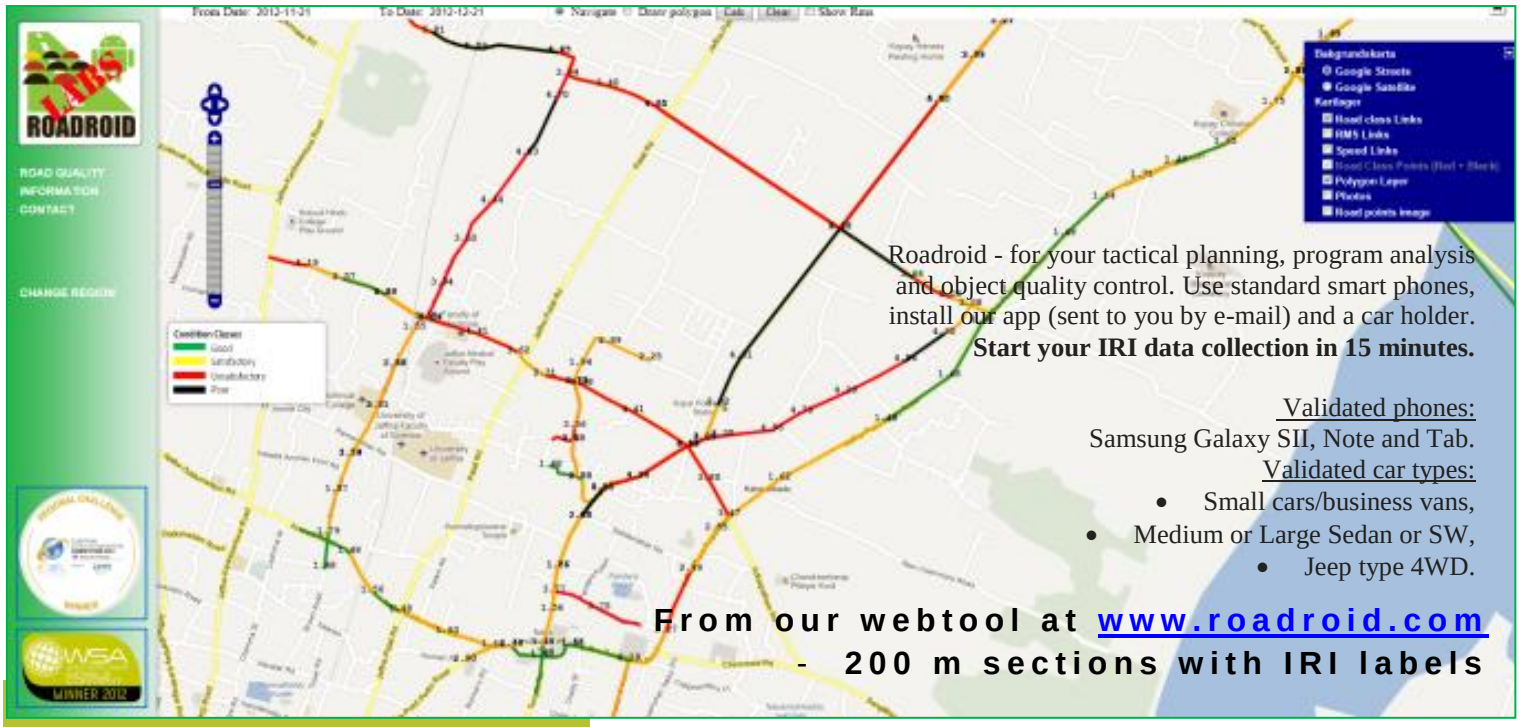
EASY TO GET STARTED – **ANYWHERE!**

Measure and use the data within 24 hours!

Contact us to learn more about user cases, white papers and global awards.

lars.forslof@roadroid.com - +46 72 242 66 20 - SWEDEN

WWW.ROADROID.COM

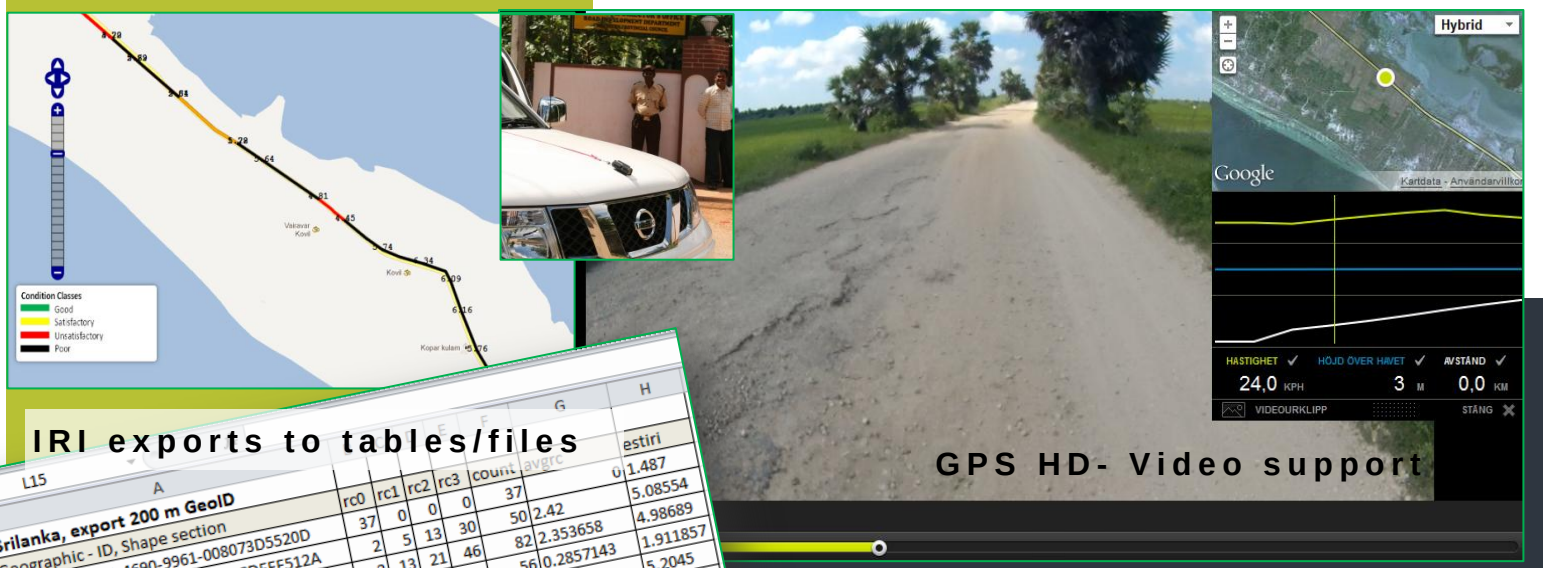


Roadroid - for your tactical planning, program analysis and object quality control. Use standard smart phones, install our app (sent to you by e-mail) and a car holder. **Start your IRI data collection in 15 minutes.**

Validated phones:
Samsung Galaxy SII, Note and Tab.
Validated car types:

- Small cars/business vans,
- Medium or Large Sedan or SW,
- Jeep type 4WD.

From our webtool at www.roadroid.com - 200 m sections with IRI labels



IRI exports to tables/files

	A	rc0	rc1	rc2	rc3	count	avgrc	G	H
1	**Srilanka, export 200 m GeoID**								estiri
2	Geographic - ID, Shape section							0	1.487
3	B740249C-38D1-4690-9961-008073D5520D	37	0	0	0	37			5.08554
4	82F06A8F-E3A9-4560-B8D6-00BCDFFF512A	2	5	13	30	50	2.42		4.98689
5	5798D1C8-CAF8-4049-B883-01069E525D67	2	13	21	46	82	2.353658		1.911857
6	69086F7F-7F7D-4A26-AB26-01506BDB52E9	43	11	1	1	56	0.2857143		5.2045
7	A6B21FFF-8CF0-4383-86A9-0151AAB9835F	1	2	5	16	24	2.5		3.370533
8	363A40EF-66C9-4CD0-9030-016080B4CAF2	5	5	1	4	15	1.266667	0	1.487
9	A48819F6-5648-47B0-8145-01611DBFAAF3	32	0	0	0	32		0	1.487
10	C986BB47-86D4-4B32-8DAD-0254A0B96203	3	0	0	0	3			2.6766
11	DF81D9DB-386B-428B-9C4C-02BC5A0457DE	29	12	10	4	55	0.8		3.367618
12	987CA0B6-EBCE-4D96-B185-02D1FA238348	25	16	11	16	68	1.264706	0	1.487
13	41A1FAA3-5B24-4C19-B0BC-02E11F6648E					28			2.703636
14	763A8174-A247-40C5-AAC5-0311DA5CFA						0.8181818		
15	3C70EAED-2EAA-4346-80EF-03424FEEE5								
16	E0188B53-EBC1-4ED4-B9E4-034CC18C7								
17	55A7E407-E13B-4351-AC14-0392B543A								
18	EC53DD3A-07C7-4F34-89B9-03ADABF								
19	A599E370-51F8-49C7-BFCB-03ADD8B								
20	BA062466-0B26-4A39-8A54-03DD8B								
21	18549F9C-F229-4374-AEBA-046B958								
22	D596D638-4152-47AD-9B37-046DF								
23	E41E57F1-8D6F-4D4D-BA26-0501F								
24	5F2B5DD7-3E0C-43D4-88FF-0508D								
25	3C5D0779-2F58-42E6-9D3A-0563								
26	E240605D-024F-47B3-A582-0586								
27	EA7AE7BB-DE41-492A-A322-05								
28	3FA99303-5F78-4900-B54F-05C								
29	D1674D45-C53E-442D-A815-06								
30	CED15154-3188-40D8-95FC-06								
31	150D9E36-966C-455A-9B29-0								
32	A1339687-6D88-4C81-B7CC-								
33	97BBEA2C-60A6-4258-94F0-								

GPS HD- Video support

AWARDS:

REGIONAL CHALLENGE — EUROPEAN SATELLITE NAVIGATION COMPETITION 2012 — WINNER

WSA WORLD SUMMIT AWARD MOBILE CONTENT WINNER 2012

19th ITS World Congress Vienna, Austria 22 to 26 October 2012 smarter on the way

Driftsuppföljning

Sörmland	Km	Contractor	SVEVIA	94	4	1	1	Region	
Eskilstuna	894	Phone	010-476 14 28	93	4	1	2	Area	

Väg	Traffic	Class	Length	Action	RC0	RC1	RC2	RC3	3 month	12 months
E20	15000	1	122		97,3%	0,0%	2,7%	0,0%		
53	3500	2	21	Paving work	90,8%	0,1%	8,9%	0,3%		
55	4300	2	34		93,7%	0,0%	5,1%	1,2%		
56	2120	2	117		86,3%	0,1%	9,1%	4,6%		
230	915	2	7		82,7%	0,2%	11,1%	6,0%		
214	2030	2	55	Bridge work	84,3%	0,1%	13,8%	1,8%		
223	1560	2	12		0,0%	0,0%	0,0%	0,0%	-	
977	440	3	23		62,1%	0,4%	33,1%	4,4%		
963	345	3	12		67,4%	0,6%	18,9%	13,1%		
980	220	3	31		57,9%	0,8%	29,5%	11,8%		
985	450	3	14		58,4%	0,4%	40,4%	0,8%		
974	560	3	23		71,1%	0,4%	26,5%	2,0%		
966	<200	4	4		86,3%	0,1%	9,1%	4,6%		
955	<200	4	34		57,9%	0,8%	29,5%	11,8%		
899	<200	4	32		84,3%	0,1%	13,8%	1,8%		
921	<200	4	12		67,4%	0,6%	18,9%	13,1%		
700	<200	4	16		88,0%	4,0%	4,0%	4,0%		
730	<100	4	6		75,0%	10,0%	10,0%	5,0%		
720	<100	4	12		55,0%	20,0%	10,0%	15,0%		
940	<100	4	18		65,0%	20,0%	10,0%	5,0%		

Periodic Reports to follow up PBC

CONTACT US TO START PILOTS DURING 2013!

lars.forslof@roadroid.com - +46 72 242 66 20 - SWEDEN

FIND OUT MORE AT WWW.ROADROID.COM