



SIIV SUMMER SCHOOL 2012

HOMEWORK PRESENTATION

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Overview

- NO TIME
- NO EXPERIENCE
- NO DATA
- GROUP MEMBER
FROM SEVERAL
COUNTRIES



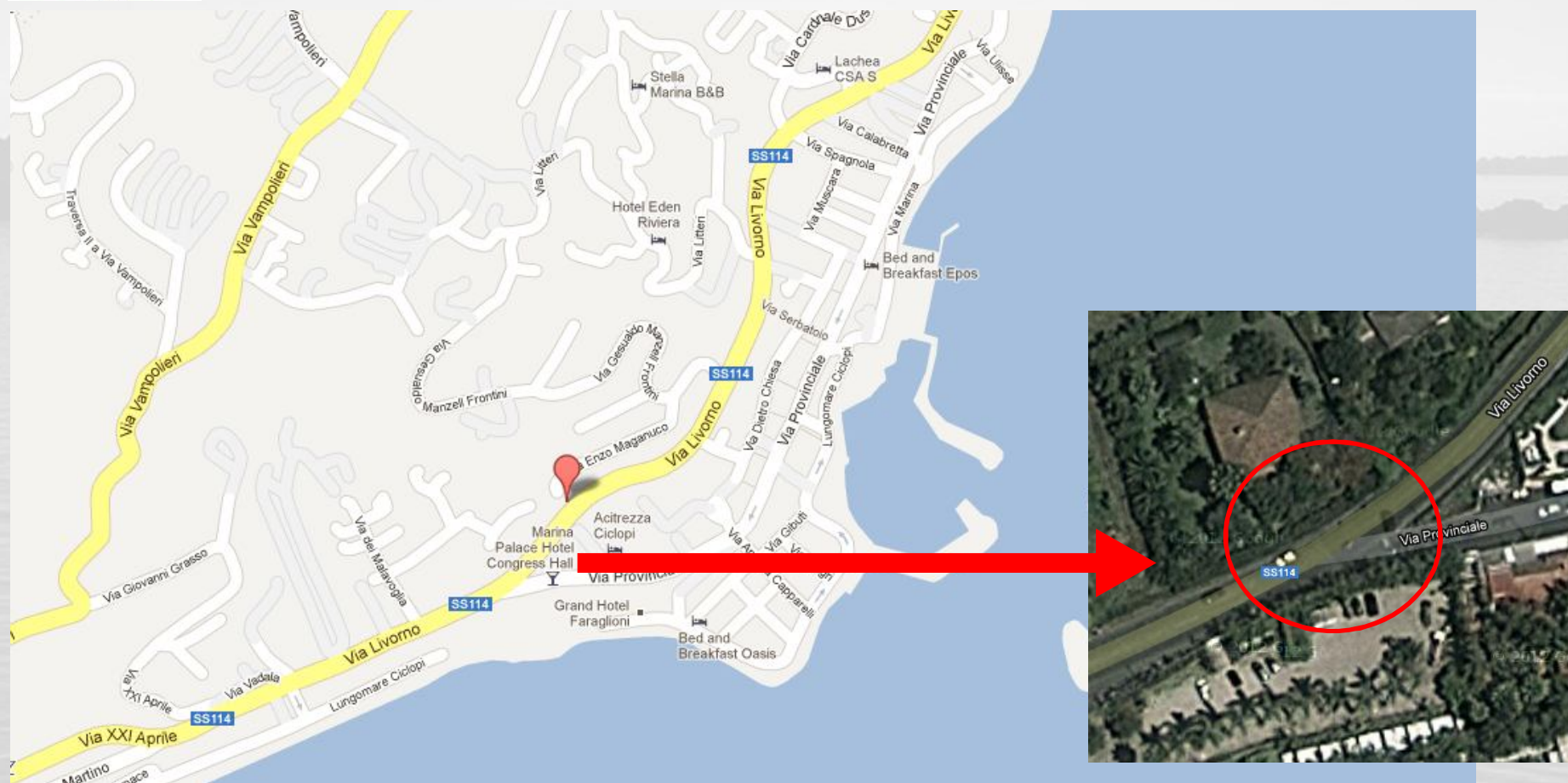
INTRODUCTION

- Road safety inspection is one the Directive procedures
- It is often used, however no annex is provided
- Therefore each country may apply own approach, but:
 - Are all the approaches equivalent?
 - What about inspectors' background?

OBJECTIVES

- Identify problems in two different approaches:
 - On site inspection
 - By Google Maps
- Compare the used approaches
- Evaluate the perception of danger for inspectors from different countries

SITE LOCATION



SITE DESCRIPTION

- Bad alignment
- Different levels
- Not homogeneous intersection

26/09/12 h. 18.30- 18.45	
1	62C 1T 3M
2	49C 16M 1BI 1 BU
3	120C 4T 11M
4	11C
5	43C 14M 3BI 1BU



Google Maps



SITE







INSPECTIONS

Problems		On-site team	Google-maps team
1	High speed of through traffic	+	+
2	Misleading warning sign of the adjacent signalized intersection	-	+
3	High speed of right turning traffic	+	-
4	Visibility problems caused by traffic signs and a concrete barrier	+	+
5	Vulnerable road users don't have facilities	+	+
6	Right turning vehicles use also the opposite lane for their maneuver	+	+
7	Right turning and left turning vehicles block the sight fields of each other	+	-
8	Long waiting time makes drivers impatient	+	-
9	Headlights of the waiting vehicles make opposing cars' drivers blind	-	+
10	It's a hard task to start from the minor road, because of the slope of the joining section	+	+
11	Lack of continous line in the middle of the road (FALSE!!!)	-	+
TOTAL		8	8

INSPECTIONS

	Problems	On-site team	Google-maps team
1	High speed of through traffic	+	+
2	Misleading warning sign of the adjacent signalized intersection	-	+
3	High speed of right turning traffic	+	-
4	Visibility problems caused by traffic signs and a concrete barrier	+	+
5	Vulnerable road users don't have facilities	+	+
6	Right turning vehicles use also the opposite lane for their maneuver	+	+
7	Right turning and left turning vehicles block the sight fields of each other	+	-
8	Long waiting time makes drivers impatient	+	-
9	Headlights of the waiting vehicles make opposing cars' drivers blind	-	+
10	It's a hard task to start from the minor road, because of the slope of the joining section	+	+
11	Lack of continous line in the middle of the road (FALSE!!!)	-	+
	TOTAL	8	8

COMPARISON – two approaches

- On site:
 - more informations (traffic, different points of view..)
 - current situation
- In the office:
 - less expensive
 - quickly
 - different scenarios

COMPARISON – different background of inspectors

Problems	Level of risk (1-5)							MEAN	ST.DEV.
	On-site tem				Google-maps team				
	Alessandra (IT)	Mariusz (POL)	Jiri (CZ)	Sergio (IT)	Davide (IT)	Giuseppe (IT)	Dániel (HU)		
High speed of through traffic	4	4	3	3	4	2	5	3,57	0,98
Misleading warning sign of the adjacent signalized intersection	3	2	3	2	3	2	5	2,86	1,07
High speed of right turning traffic	4	4	3	5	3	4	3	3,71	0,76
Visibility problems caused by traffic signs and a concrete barrier	3	4	3	4	5	2	4	3,57	0,98
Vulnerable road users don't have facilities	3	5	2	5	4	3	3	3,57	1,13
Right turning vehicles use also the opposite lane for their maneuver	5	5	5	5	4	4	4	4,57	0,53
Right turning and left turning vehicles block the sight fields of each other	5	5	3	3	3	3	4	3,71	0,95
Long waiting time makes drivers impatient	4	2	3	4	2	4	3	3,14	0,90
Headlights of the waiting vehicles make opposing cars' drivers blind	2	1	2	2	2	3	3	2,14	0,69
It's a hard task to start from the minor road, because of the slope of the joining section	4	3	5	4	1	2	4	3,29	1,38
Lack of continous line in the middle of the road (FALSE!!!)	2	1	1	4	3	1	1	1,86	1,21
MEAN	3,55	3,27	3,00	3,73	3,09	2,73	3,55		
	3,39				3,12				
ST.DEV.	1,22				1,11				

COMPARISON – different background of inspectors

CONCLUSIONS

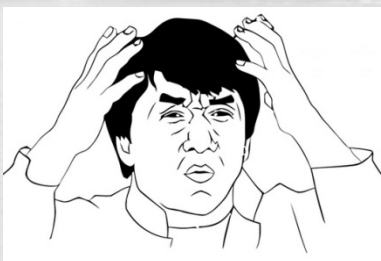
- Variability in «perceptions» of issues
- Some risks recognized by all «inspectors»



- Importance of a «common training»
- Importance of a group

We identified infrastructure related issues...

...but...



What about
human factors??





**THANK YOU
FOR YOUR ATTENTION!**