



Ministry of
Economy
and
Sustainable
Development



UNECE

National Road Safety Policy development – trends and challenges

Ministry of Economy and Sustainable Development

**2, Sanapiro Street, Tbilisi, Georgia
13-14 November 2018**

Tools for Road Safety Benchmarking - TRACECA /SEETO examples -

Dr Dejan Jovanov, Road Safety Expert
dejan.jovanov68@gmail.com

About the benchmarking

WHY BENCHMARK?

- To assess the situation in terms of current status of progress on specific road safety aspects defined in RS Strategy or Action Plan
- Triple purpose:
 - (1) To **identify focus areas & disaggregate intermediate objectives** for National RS action plans (to contribute to UN/Regional goals – 50 % fatality reductions, etc.) **that will be benchmarked**
 - (2) To identify the areas of **low progress, where help can and should be focused** (low scores for improvements)
 - (3) To **identify and share best practice** from country to country
- Importance of objective ratings

Benchmarking in function of Road Safety Management

TRACECA 6 Pillars

1. Institutional Issues
2. Safer Infrastructure
3. Safer Vehicles
4. Safer Road Users
5. Medical Care for Crash Victims
6. Changing Attitudes to Road Safety

VS

EC 7 objectives + Capacity

1. Improve education and training of road users
 2. Increase enforcement of road rules
 3. Safer road infrastructure
 4. Safer vehicles
 5. Promote the use of modern technology to increase road safety (ITS)
 6. Improve emergency and postinjury services
 7. Protect vulnerable road users
- + Capacity building

Example of Benchmark tool used in TRACECA

HOW to use it? Examples from Ukraine (Implementation of RRSAP)

Indicators	UKRAINE	Origin	To be used as INITIAL	Estimated FINAL	% imp
			Revised at WS	2nd BCM	

6 TRACECA RRSAP PILLARS:

Benchmarking of impact indicators:

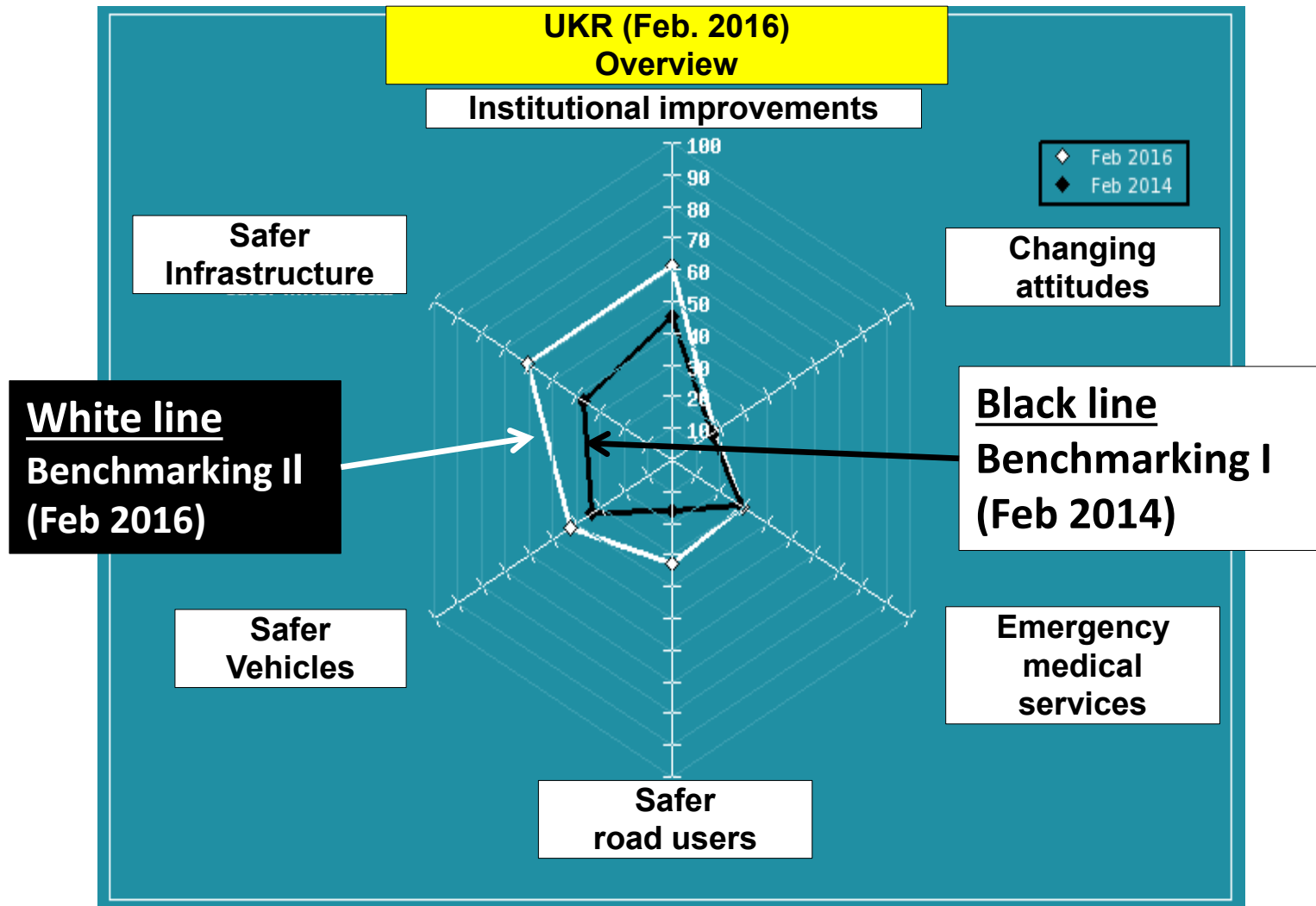
If subject indicator had been completely achieved it was given a score of **95% -100%**, meaning that there was little more needing to be done.

If little or nothing had been done, a score of only around **5%** was given, implying that much more remained to be done.

1 INSTITUTIONAL IMPROVEMENTS	1.8. Established multidisciplinary Road Safety agency	1. Legislation exists	0	10	60	500.00
		2. Coordination body established	0	10	50	400.00
		3. Fully staffed and funded Secretariat exists	0	10	40	300.00
		4. Reliable, sustainable safety funding mechanism in place	0	10	40	300.00
	1.9. Implementation of National Road Safety Strategy	1. Strategy is developed	100	95	95	0.00
		2. Stakeholder consulted	100	95	95	0.00
		3. Strategy approved by Government	0	10	30	200.00
		4. Implementation commenced	0	10	30	200.00
	1.10. Realistic and long term targets for road accident reduction available	1. Realistic long term targets in place	50	50	60	20.00
		2. Action plan prepared to deliver targets	75	30	75	150.00
		3. Action plan being implemented	75	20	40	100.00
		4. Progress towards targets being monitored	50	20	30	50.00

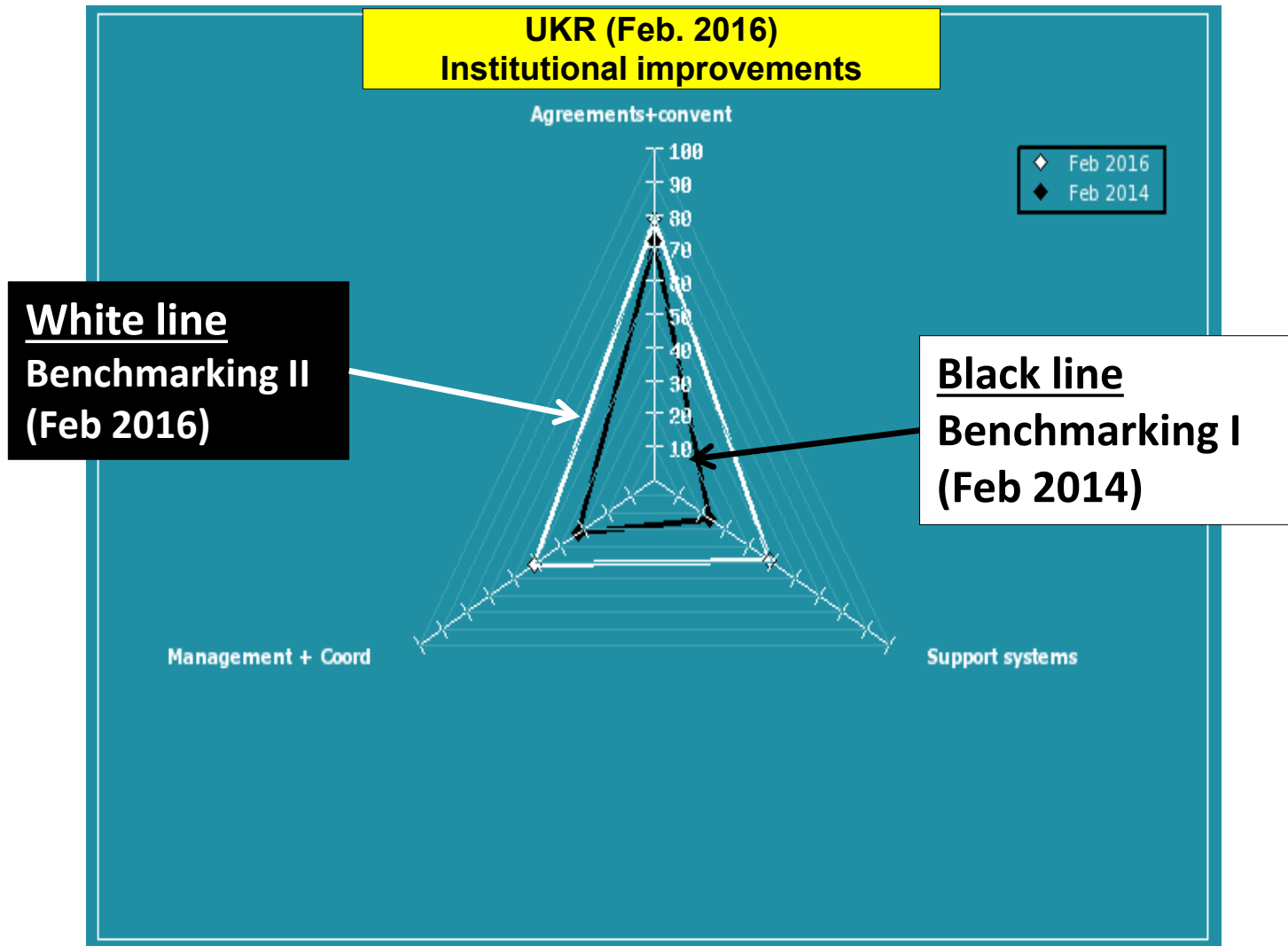
Some of benchmarking results (1/4)

Examples for Overview improvements - (UKR 2014/2016)



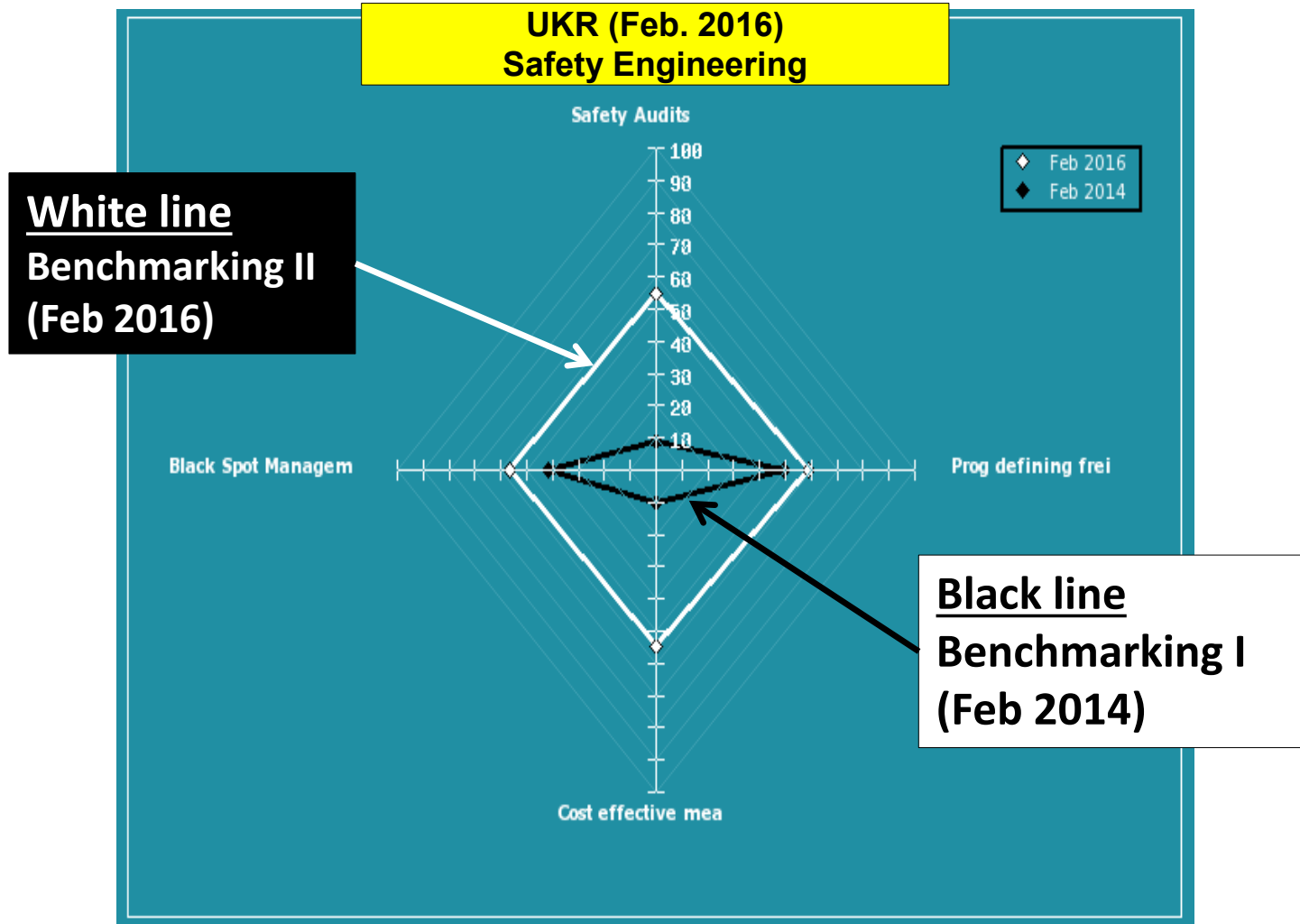
Some of benchmarking results (2/4)

Examples for Institutional Improvements – (UKR 2014/2016)



Some of benchmarking results (3/4)

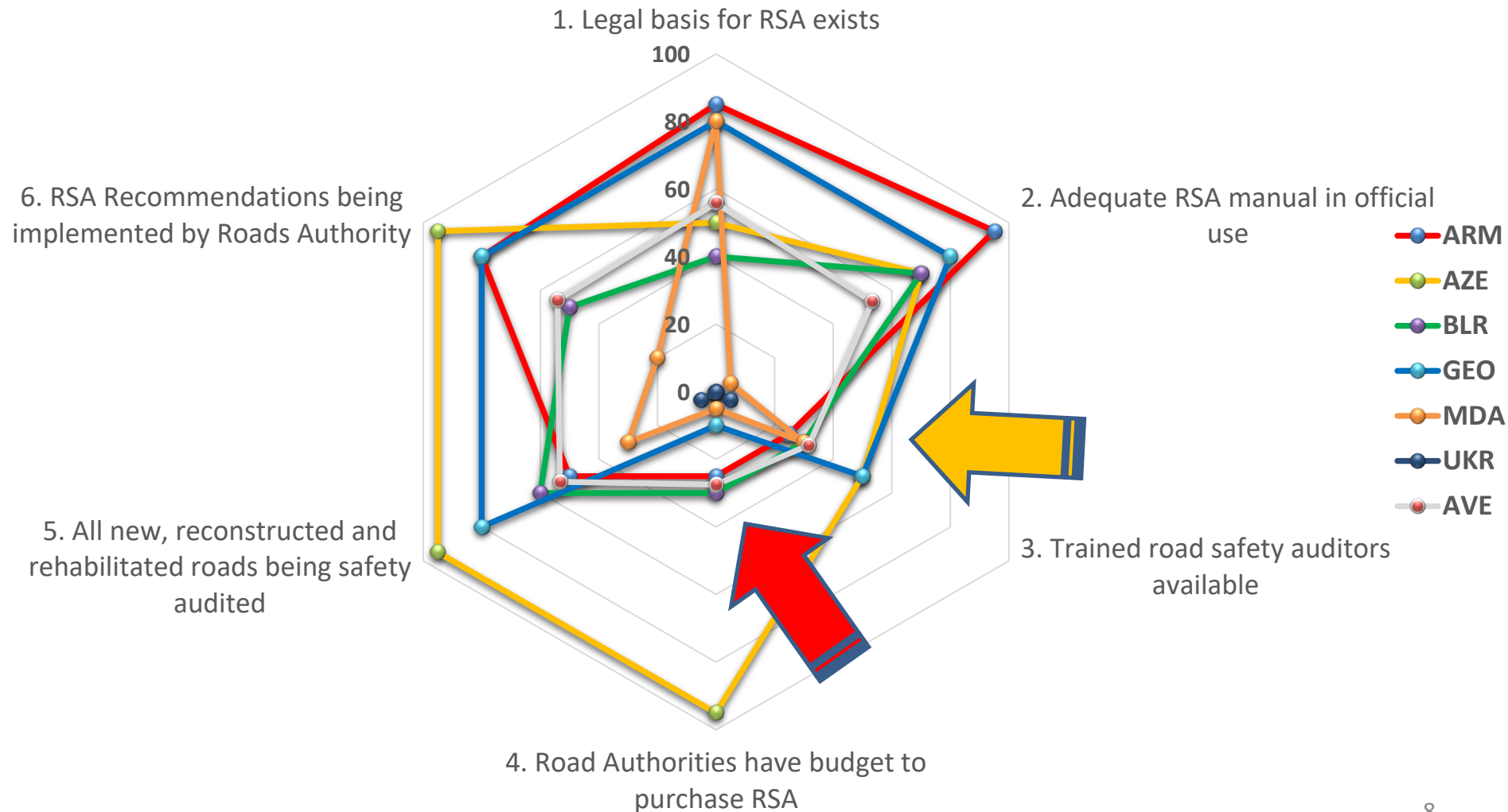
Examples for Safety Engineering – (UKR 2014/2016)



Some of benchmarking results (4/4)

Examples for Safety Engineering – EaP (2018)

Implementation of road safety audit (RSA)



Usage of Benchmark results

... **Some of TRACECA RRSAP recommendations based on benchmarking ...**

- Designate a **LEAD ROAD SAFETY AGENCY** to guide and coordinate the national efforts to improve road safety
- **ALLOCATE SUFFICIENT FINANCIAL AND HUMAN RESOURCES**
- **ANALYZE CRASH DATA** identify the highest risk road user groups and the highest risk road user behaviors
- Implement a **NATIONAL ROAD SAFETY STRATEGY AND ACTION PLAN**
- **DEVELOP NATIONAL CAPACITY TO ADDRESS ROAD SAFETY ISSUES** by drawing upon best international practices

...

Example of Benchmark tool used in SEETO

European Commission + 7 Objectives



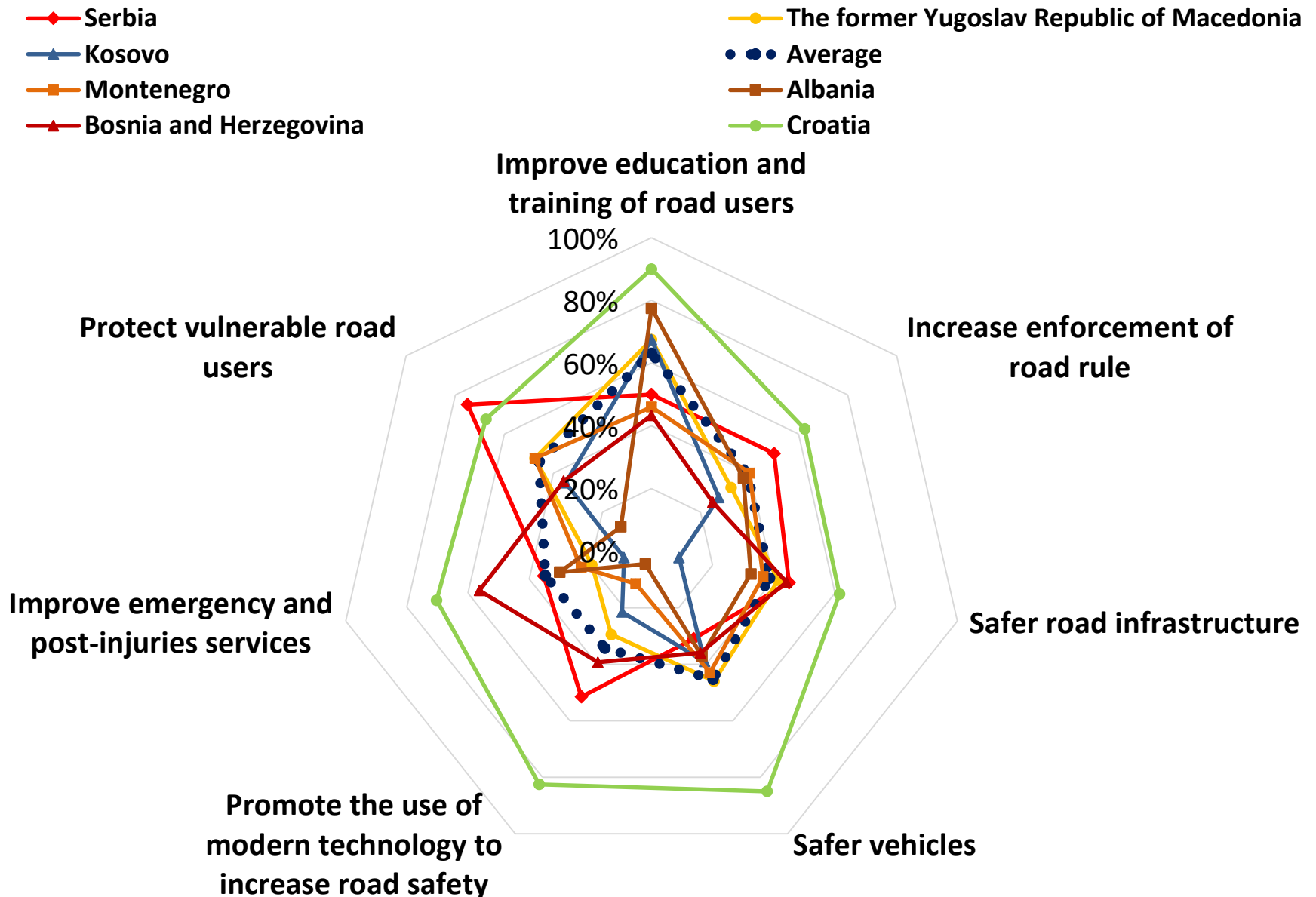
**Example of
Benchmark
tool used in
SEETO**

**Impact indicators for assessment of
WHO/WB road safety management +
recommendation implementation**

	Recommendation (objective)	Impact indicators used	% of achieved (ARC)
1	Identify a lead agency in government to guide the national road safety effort	1. Lead RS Agency established 2. Adequately funded 3. Integrity established	0-100 % 0-100 % 0-100 %
2	Assess the problem , policies and institutional settings relating to road traffic injury and the capacity for road traffic injury prevention in each country	1. Crash database established 2. Policies on power 3. Institutional settings done	0-100 % 0-100 % 0-100 %
3	Prepare a national road safety strategy and plan of action	1. Strategy in place 2. Action Plans in place	0-100 % 0-100 %
4	Allocate financial and human resources to address the problem	1. Allocated financial resources 2. Allocated human resources	0-100 % 0-100 %
5	Implement specific actions to prevent road traffic crashes, minimize injuries and their consequences and evaluate the impact of these actions	1. Implementation of actions 2. Evaluation of actions	0-100 % 0-100 %
6	Support the development of national capacity and international cooperation	1. Research program in place 2. International cooperation	0-100 % 0-100 %

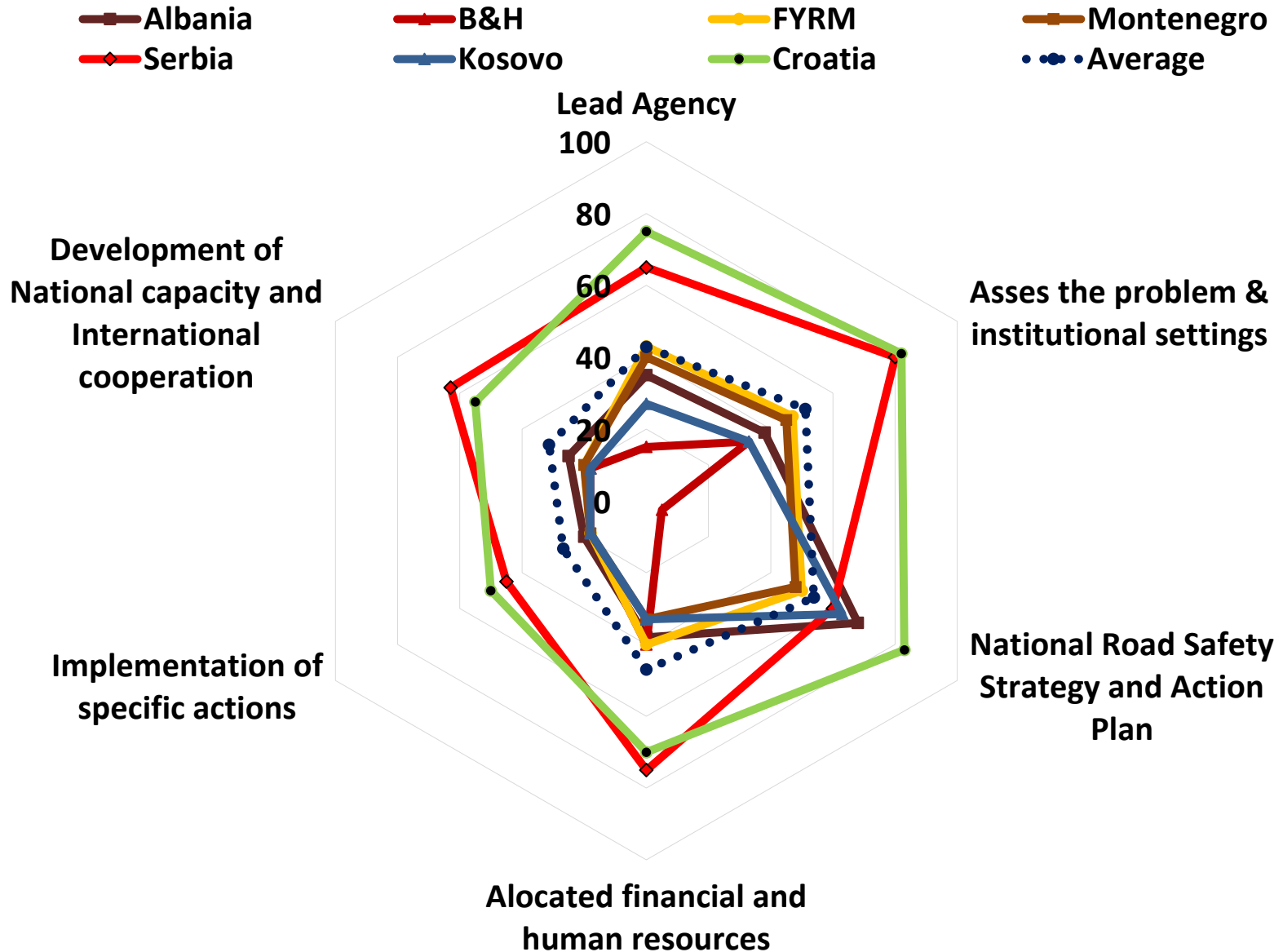
Some of benchmarking results (1/4)

OVERALL IMPLEMENTATION OF EU 7 STRATEGIC OBJECTIVES FOR SEETO Participants



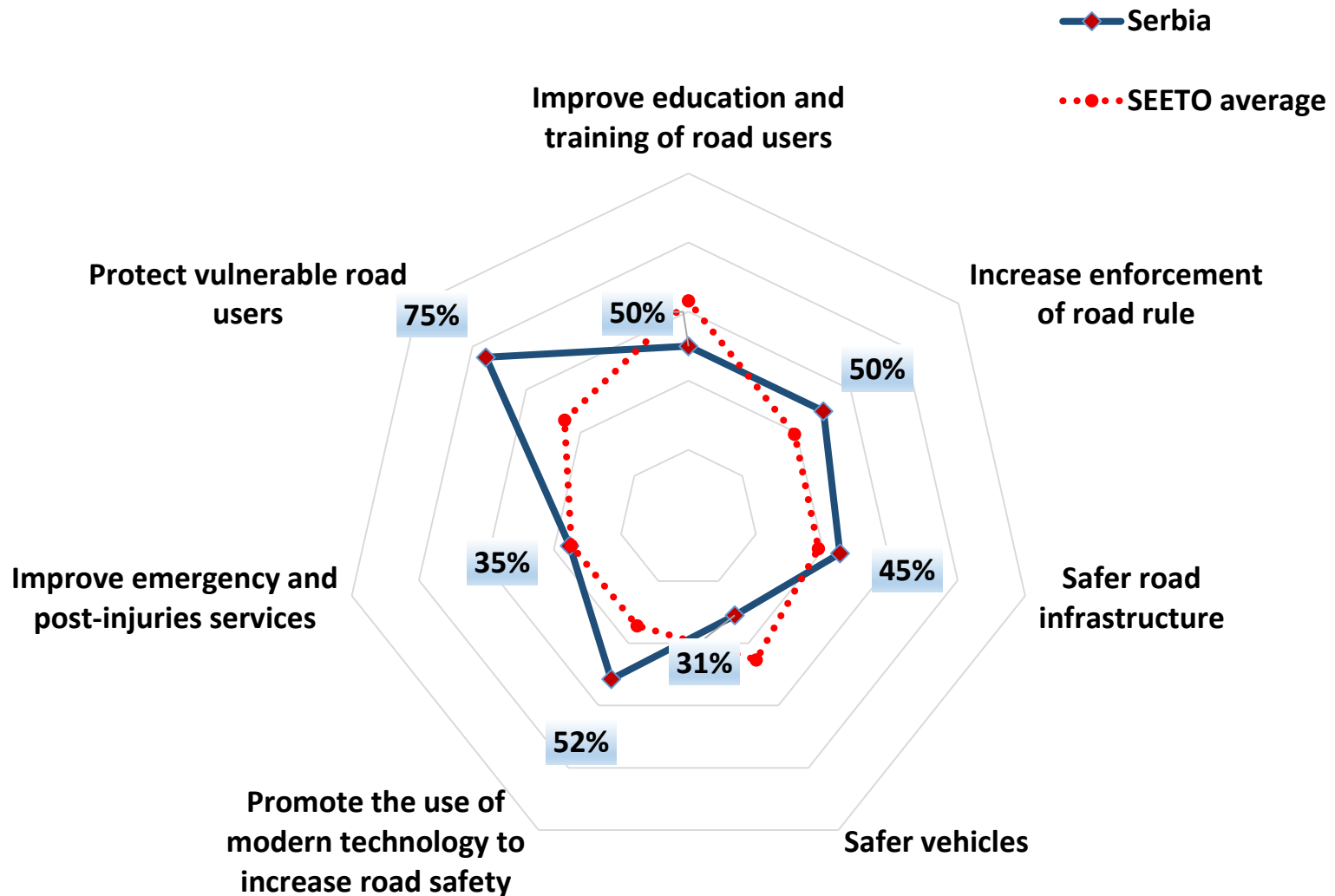
Some of benchmarking results (2/4)

OVERALL ASSESSMENT RESULTS FOR WHO/WB RS MANAGEMENT RECOMMENDATIONS



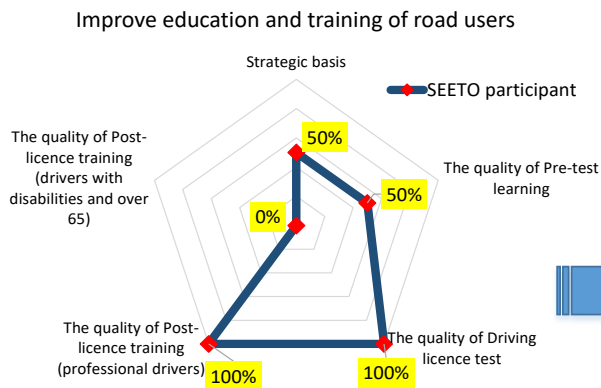
Some of benchmarking results (3/4)

OVERALL IMPLEMENTATION OF EU 7 STRATEGIC OBJECTIVES FOR REPUBLIC OF SERBIA

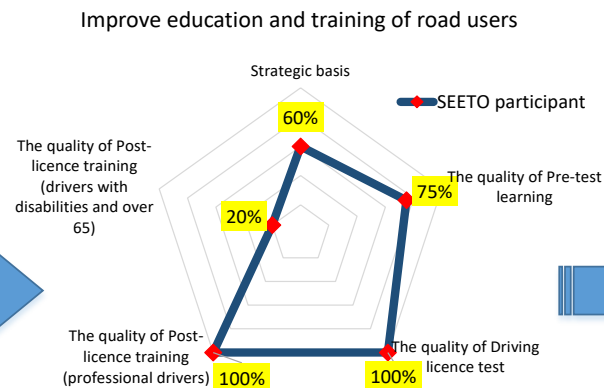


Some of benchmarking results (4/4)

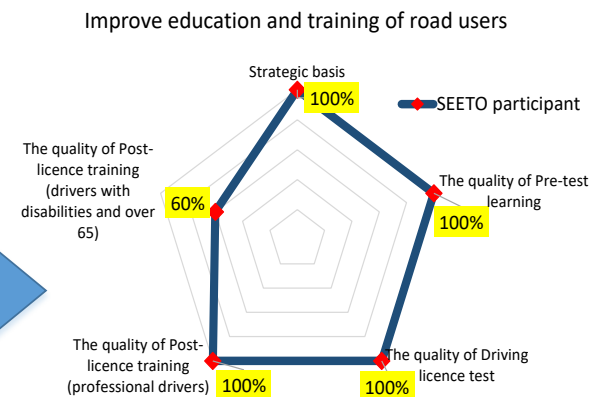
MONITORING BASED ON BENCHMARKING



Benchmarking results – CURRENT STATE



Benchmarking results - 6 MONTHS AFTER



Benchmarking results - 1 YEAR AFTER

Usage of Benchmark results

... Some of SEETO recommendations based on benchmarking ...

	Activity	Inputs	Timeline
1	Establish a Road Safety Observatory (RSO)	1. Definition and prescription of the RSO tasks 2. Objectives and Outputs 3. Roadmap	2019
2	Establish WB6RoadPol (Organization of Traffic Police Heads)		2020
3	Implement the recommendations of the RSI pilots	1. Detailed designs prepared 2. Funding allocated, and contracts signed 3. Contracts implemented	2018
4	Implement Directives 2014/45/EU and 2014/47/EU on roadworthiness of motor vehicles	1. Amendment of Road Safety Laws 2. Prepare TORs for equipment procurement and training 3. Implement on Core and Comprehensive Road Network	2020
5	Implementation of Motorcyclists Safety Program		2020

**THANK YOU
FOR DEDICATED TIME**

PS

Should we talk again about Alice?
Do we know where are we going?