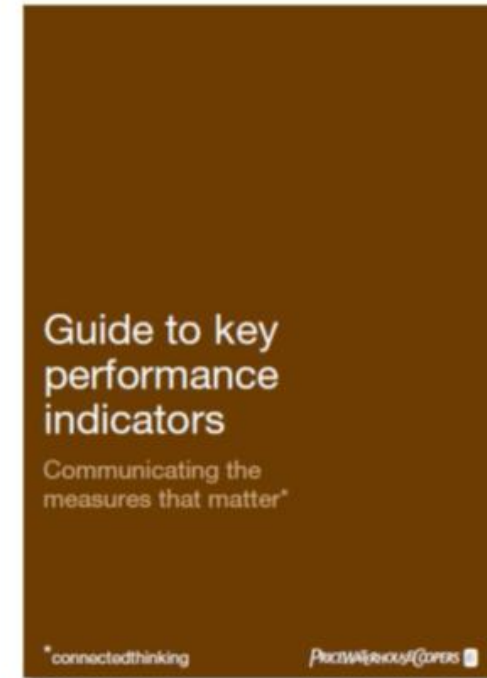
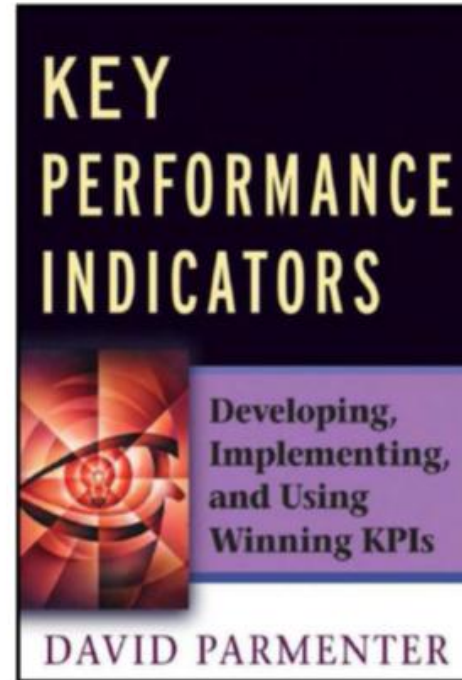
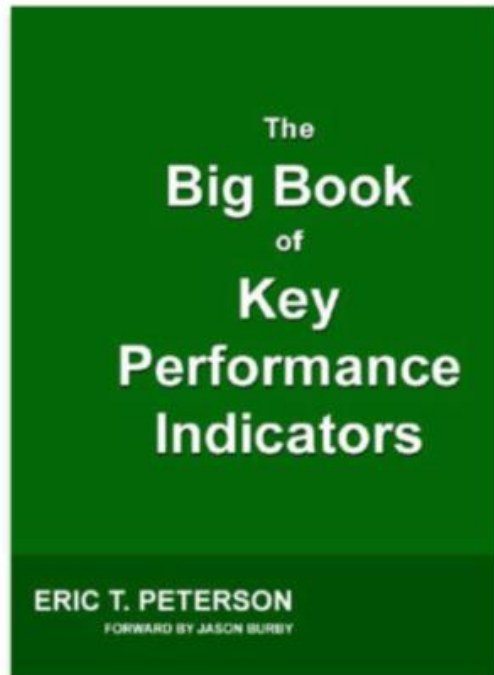


IV Warmińsko-Mazurskie Forum Drogowe - OSTROAD 2017

Sławomir Heller (PIARC / HELLER Ing.-GmbH)

**Kluczowe wskaźniki efektywności (KPIs)
w zarządzaniu drogami**

Key Performance Indicators (KPIs) = Kluczowe Wskaźniki Efektywności

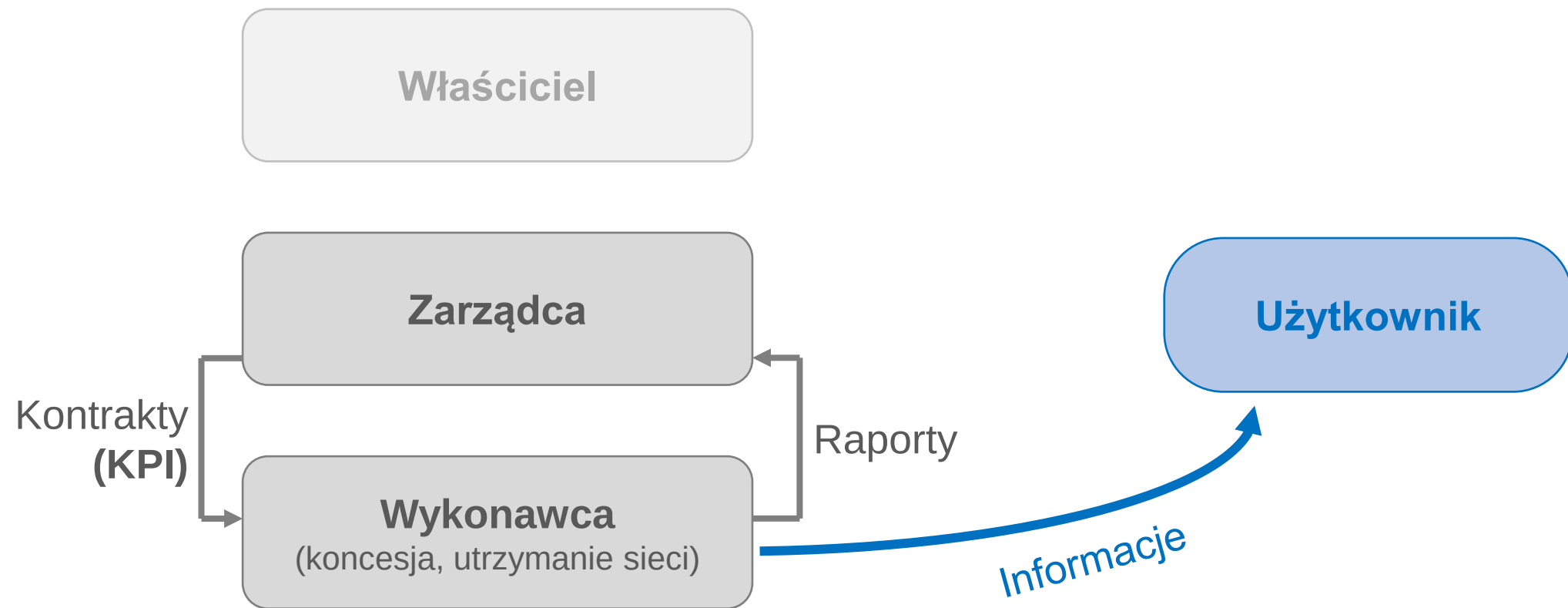


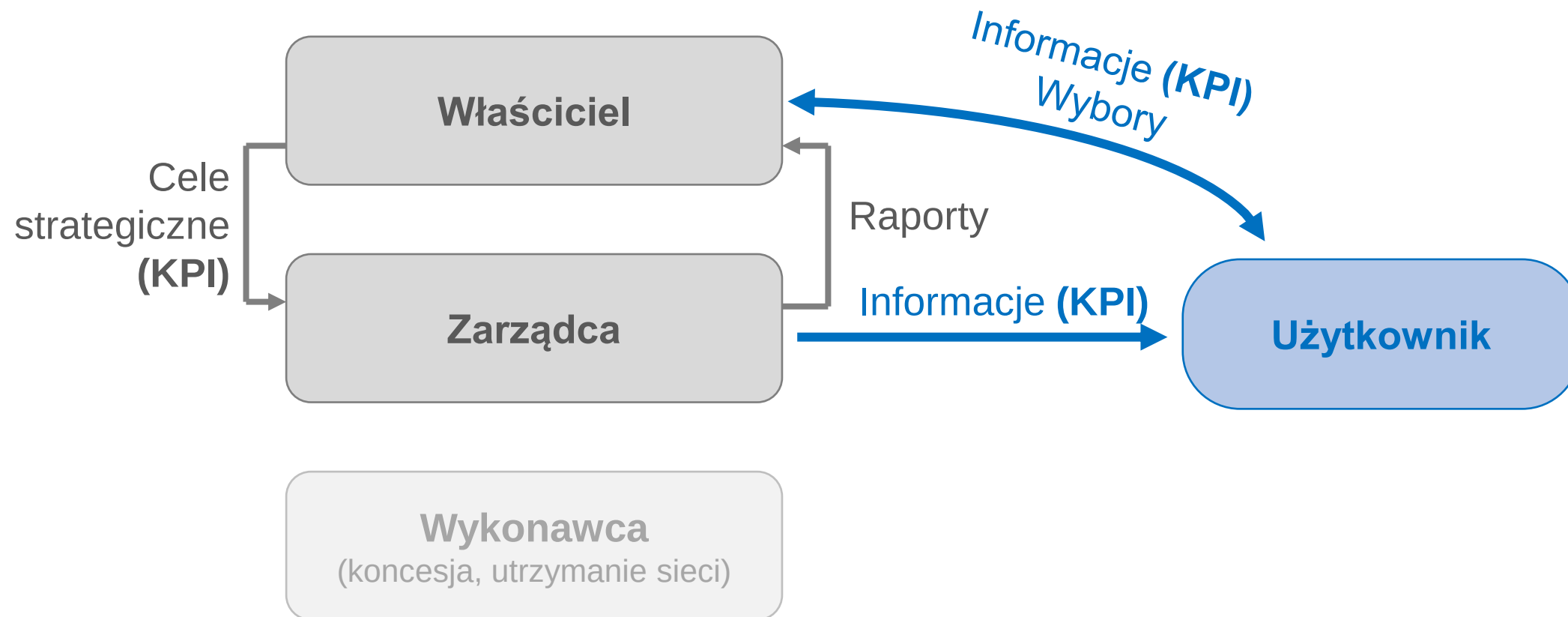
Właściciel

Zarządca

Wykonawca
(koncesja, utrzymanie sieci)

Użytkownik





Snapshot

Performance Scorecard

- ✓ We are achieving our goals
- ✗ Desired results not achieved – taking action
- ⊕ Target

Key Performance Indicators are an integral part of managing outcomes in critical business areas. The following is a summary of our success in delivering agreed Government outcomes. The results show that for the vast majority of measures we are achieving our goals. Full explanations on all the measures can be found on the corresponding page reference for each indicator. Other relevant business measures are incorporated throughout the report.

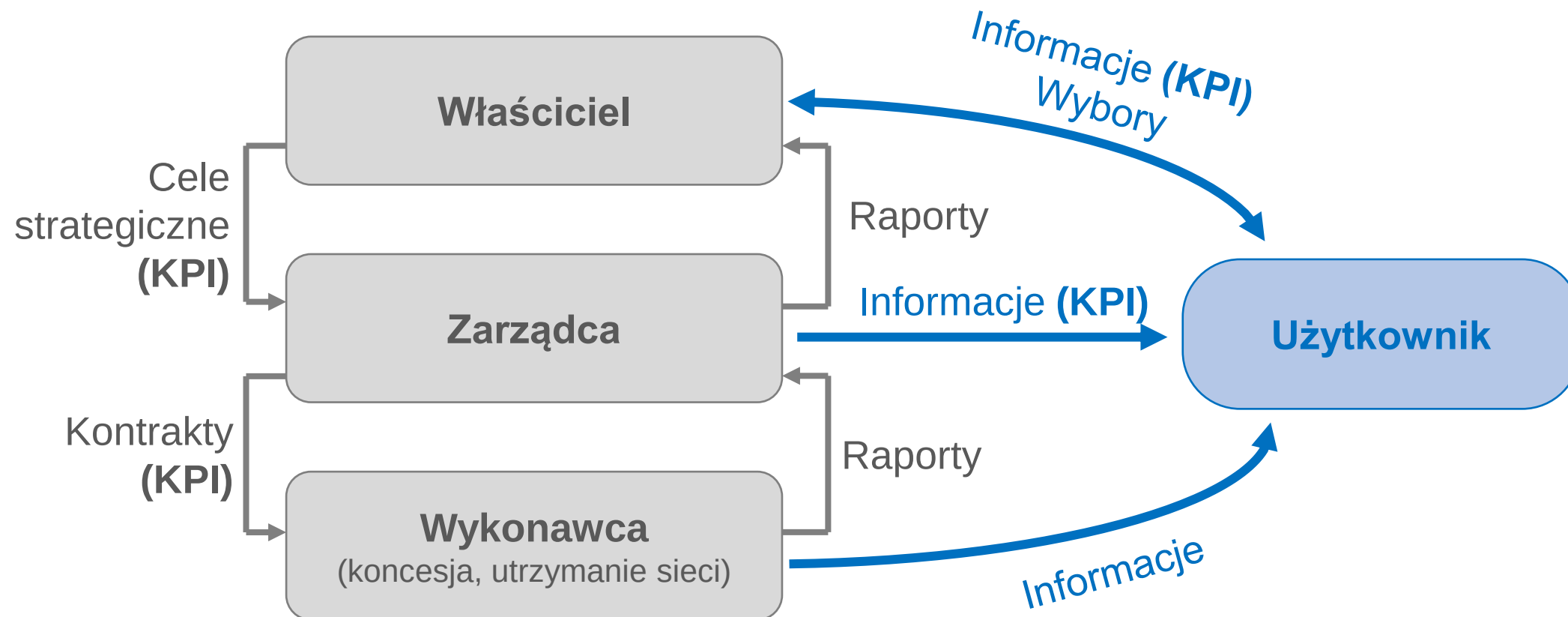
	Level of Achievement	Status	Ref
Road Safety			
% Community satisfaction of road safety	94%	✓	112
Black spot location indicator	10.3	✓	112
% of contracts completed on time	70%	✗	113
% of contracts completed on budget	95%	✓	113
Office of Road Safety			
% Effectiveness of road safety awareness campaigns	83%	✓	113
% of ORS projects completed on time	78%	✗	113
% of ORS projects completed on budget	100%	✓	
Road Efficiency; Road Management			
% Community satisfaction	94%	✓	114
Road network permitted for use by heavy vehicles	B Double – 27.5m %	✓	114
	Double RT – 27.5m %	✓	114
	Double RT – 36.5m %	✓	114
	Triple RT – 53.5m %	✓	114
% Network configuration	Roads	✓	114
	Bridges Strength	✓	114
	Width	✓	114

Snapshot

Highlights
of the
YEAR

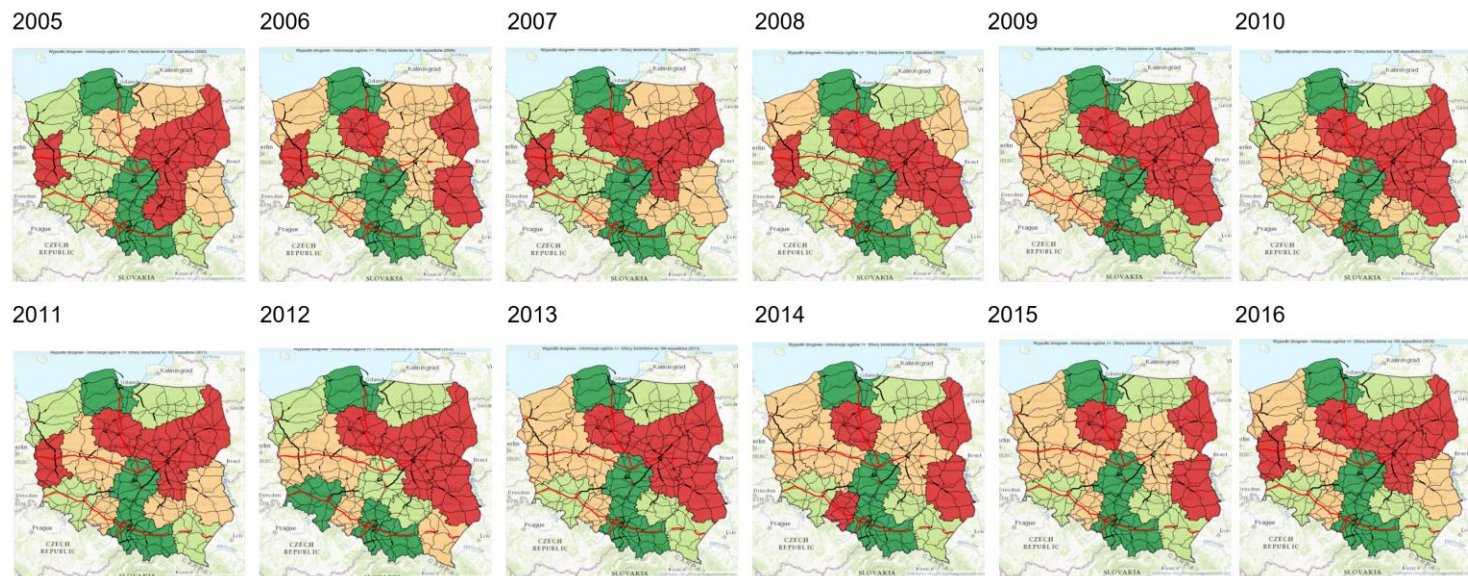


		Level of Achievement	Status
Road Safety			
% Community satisfaction of road safety		94%	✓
Black spot location indicator		10.3	✓
% of contracts completed on time		70%	✗
% of contracts completed on budget		95%	✓
Office of Road Safety			
% Effectiveness of road safety awareness campaigns		83%	✓
% of ORS projects completed on time		78%	✗
% of ORS projects completed on budget		100%	✓
Road Efficiency; Road Management			
% Community satisfaction		94%	✓
Road network permitted for use by heavy vehicles	B Double – 27.5m %	97%	✓
	Double RT – 27.5m %	97%	✓
	Double RT – 36.5m %	79%	✓
	Triple RT – 53.5m %	44%	✓
% Network configuration	Roads	89%	✓
	Bridges Strength	88%	✓
	Width	95%	✓

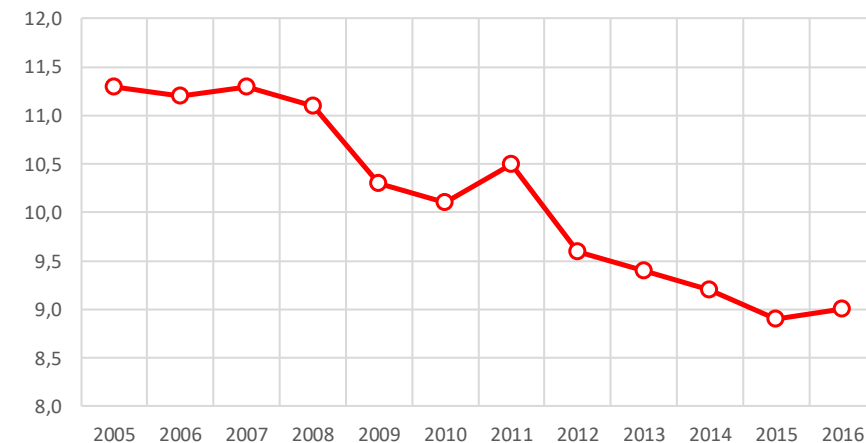


Przykład KPI – ciężkość wypadków

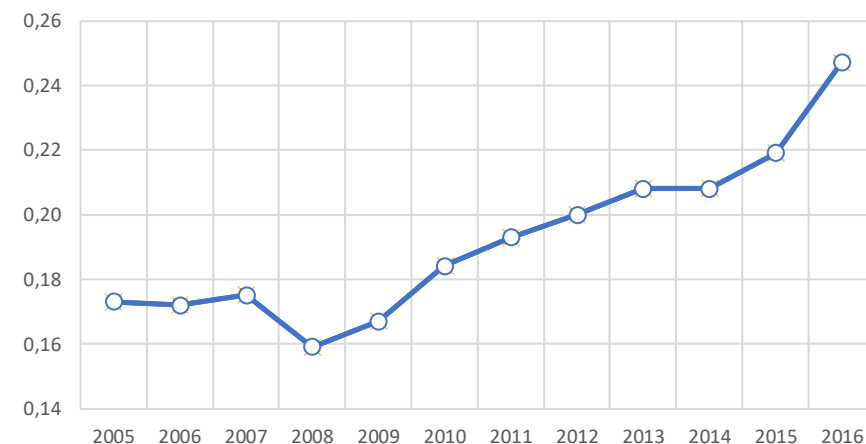
Ciężkość wypadków - zabił na 100 wypadków



Wskaźnik ciężkości wypadków
Zabici na 100 wypadków - średnia w Polsce



Zabici na 100 wypadków
Dysproporcje w województwach - Wskaźnik Giniego



Key Performance Indicators (KPIs)

Infrastruktura Drogowy Polski

Region ▼

Kategoria danych ▼

Wypadki drogowe - informacje ogólne

Ofiary śmiertelne na 100 wypadków

Liczba ofiar śmiertelnych na 100 wypadków drogowych

Źródło: dane Komendy Głównej Policji z Systemu Ewidencji Wypadków i Kolizji

☒ Województwa

6,5 - 7,5

7,6 - 10,0

10,1 - 14,2

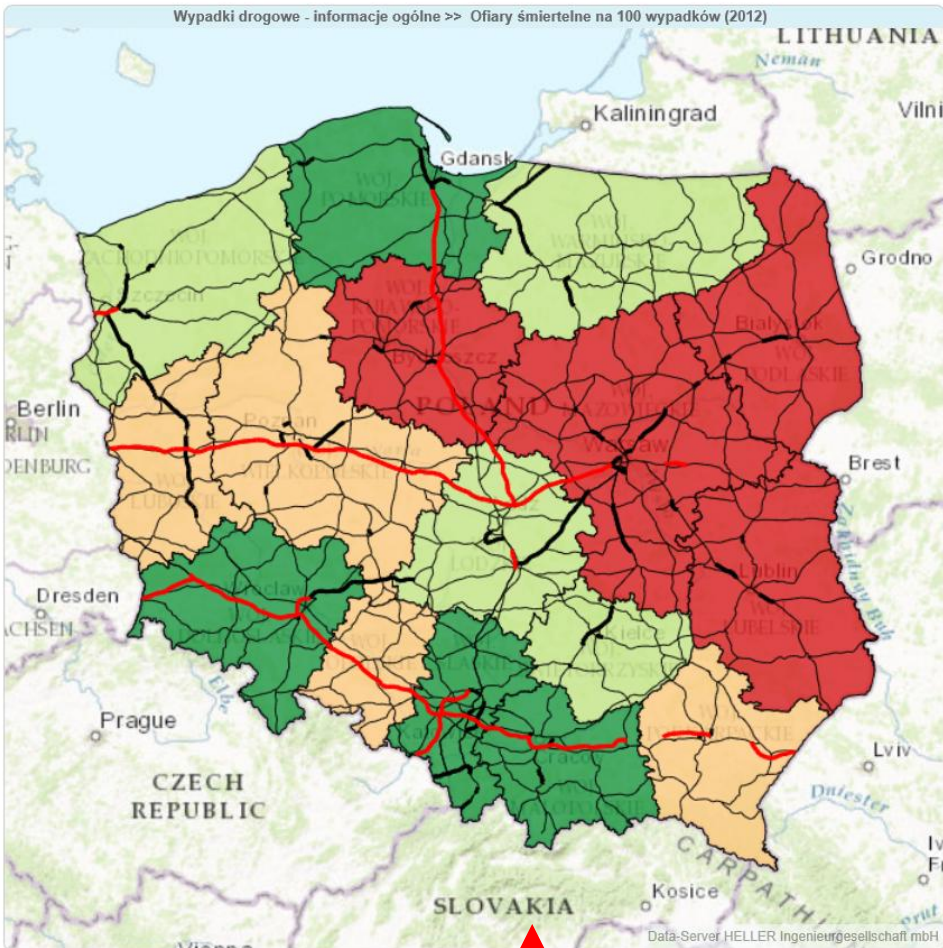
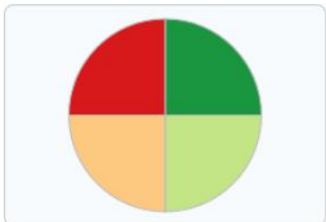
14,3 - 17,1

☒ Autostrady

☒ Drogi ekspresowe

☒ Pozostałe drogi

☒ Weltkarte



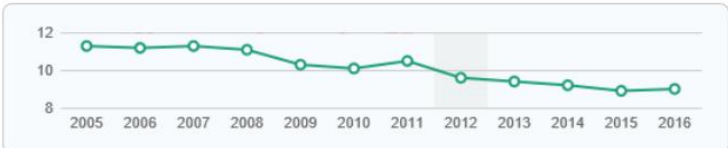
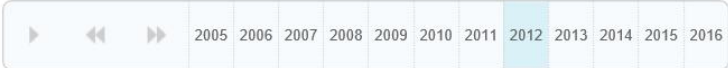
Ilustracja dysproporcji
(mapa tematyczna)

Region	Ofiary śmiertelne na 100 wypadków (2012)
podlaskie	17,1
kujawsko-pomorskie	16,8
mazowieckie	16,3
lubelskie	14,8
lubuskie	12,3
wielkopolskie	12,3
opolskie	10,3
podkarpackie	10,2
świętokrzyskie	9,8
zachodniopomorskie	9,3
warmińsko-mazurskie	9,0
łódzkie	7,6
dolnośląskie	7,4
śląskie	7,2
małopolskie	6,5
pomorskie	6,5

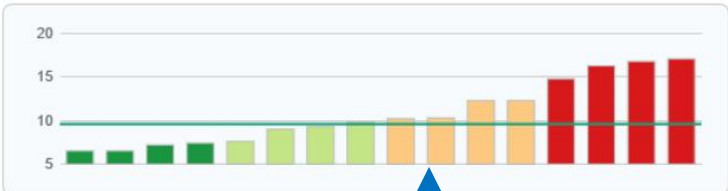
Wskaźniki
status quo

Region	Ofiary śmiertelne na 100 wypadków (2012)
Polska	9,6
Współczynnik Giniego	0,2

Wskaźnik
dysproporcji
(Giniego)



Wskaźniki
dynamiczne



Wskaźniki
status quo

dr inż. Sławomir Heller



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