

UNIVERZITET CRNE GORE
MAŠINSKI FAKULTET

STUDIJSKI PROGRAM DRUMSKI SAOBRAĆAJ



POLITIKA, STRATEGIJA I EKONOMIKA ODRŽIVOG RAZVOJA TRANSPORTA

Vježbe II

Uputstvo za drugi zadatak

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2021/22

POLITIKA, STRATEGIJA I EKONOMIKA ODRŽIVOG RAZVOJA TRANSPORTA



Analiza strategija održive mobilnosti

Zadatak

Za realizaciju zadatih kriterijuma održivosti potrebno je izdvojiti i analizirati odgovarajuće strategije održive mobilnosti

- ✓ Postupak izbora strategija ili mera se sprovodi korišćenjem informacione baze [KonSULT](#) (Knowledgebase on Sustainable Urban Land use and Transport)
- ✓ Vršiti izbor kriterijuma (preporuka je jedan ili dva kriterijuma) a zatim analiza strategija (i mjera održive mobilnosti) za izabrane kriterijume
- ✓ Svaki student je dužan da predstavi dvije strategije (ili mjere održive mobilnosti)
- ✓ Zadatak se radi timski a jedan tim broji najmanje tri studenta



Analiza strategija održive mobilnosti

Zadatak

Za realizaciju zadatih kriterijuma održivosti potrebno je izdvojiti i analizirati odgovarajuće strategije održive mobilnosti

- ✓ Naziv (naslov) zadatka se definiše prema izabranim kriterijumima održivosti koji se koriste u pri pretrazi mjerama:
Strategije održive mobilnosti za ... (dopuniti u skladu sa izabranim kriterijumima pretrage)

Primjer naslova sa:

- Jedim kriterijumom: *Strategije održive mobilnosti za povećanje bezbednosti* (ukoliko je bezbjednost izabran kriterijum)
- Dva kriterijuma: *Strategije održive mobilnosti za povećanje efikasnosti i zaštite životne sredine* (ukoliko su izabrani kriterijumi efikasnost i zaštita životne sredine)

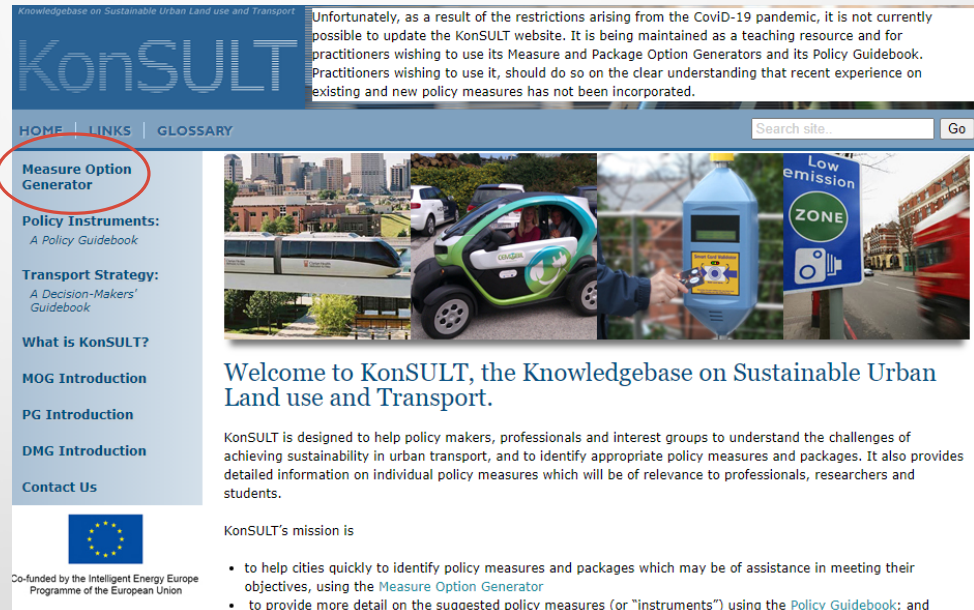
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Analiza strategija održive mobilnosti

Koraci:

- ✓ Pristupiti sajtu KonSULT:
<http://www.konsult.leeds.ac.uk/>
- ✓ Bira se model za generisanje opcija/izbor strategije
(**Measure Option Generator**)
- ✓ Studenti samostalno vrše odabir ulaznih parametara i to:
 - i. specifikaciju lokacije
 - ii. utvrđivanje ciljeva, problema ili indikatora
 - iii. definisanje strateških pravaca



Knowledgebase on Sustainable Urban Land use and Transport

Unfortunately, as a result of the restrictions arising from the Covid-19 pandemic, it is not currently possible to update the KonSULT website. It is being maintained as a teaching resource and for practitioners wishing to use its Measure and Package Option Generators and its Policy Guidebook. Practitioners wishing to use it, should do so on the clear understanding that recent experience on existing and new policy measures has not been incorporated.

KonSULT

HOME | LINKS | GLOSSARY

Search site. Go

Measure Option Generator

Policy Instruments:
A Policy Guidebook

Transport Strategy:
A Decision-Makers' Guidebook

What is KonSULT?

MOG Introduction

PG Introduction

DMG Introduction

Contact Us

Welcome to KonSULT, the Knowledgebase on Sustainable Urban Land use and Transport.

KonSULT is designed to help policy makers, professionals and interest groups to understand the challenges of achieving sustainability in urban transport, and to identify appropriate policy measures and packages. It also provides detailed information on individual policy measures which will be of relevance to professionals, researchers and students.

KonSULT's mission is

- to help cities quickly to identify policy measures and packages which may be of assistance in meeting their objectives, using the [Measure Option Generator](#)
- to provide more detail on the suggested policy measures (or "instruments") using the [Policy Guidebook](#); and

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Analiza strategija održive mobilnosti

Koraci:

- i. Specifikacija lokacije

The screenshot shows the KonSULT website interface. At the top, there is a navigation bar with 'HOME | LINKS | GLOSSARY' and a search box labeled 'Search site.' with a 'Go' button. The main content area is titled 'Measure Option Generator' and includes the following text: 'This Option Generator has been developed by the Institute for Transport Studies, University of Leeds.' and 'The Option Generator allows users to create a list of ranked policy instruments based on individual search criteria.' Below this, it says 'To start using the Option Generator, select your area type.' There is a dropdown menu for 'Area type' with 'tourist town' selected. A 'Continue' button is visible next to the dropdown. The dropdown menu lists the following options: 'any area type', 'city centre', 'dense inner suburb', 'medium density outer suburb', 'less dense outer suburb', 'district centre', 'corridor', 'small town', and 'tourist town' (which is highlighted in blue).

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Analiza strategija održive mobilnosti

Koraci:

ii. utvrđivanje ciljeva, problema ili indikatora

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KonSULT

HOME | LINKS | GLOSSARY Search site. Go

Measure Option Generator

- How to use the MOG
- Single Measure Option Generator: scoring
- Abridged lists
- Complementary Measures Option Generator: scoring
- Packages Option Generator: scoring
- What do the scores mean?
- What do we mean by packaging?
- How can I compare results?

Policy Instruments:
A Policy Guidebook

Transport Strategy:
A Decision-Makers' Guidebook

Measure Option Generator

Please select **objectives**, **problems** or **indicators**.

You can assign weights (0 to 5) to indicate the **relative importance of each category** you have selected.

0 = do not use, 1 = low importance, 5 = high importance.

Objectives <input checked="" type="checkbox"/>	Problems <input type="checkbox"/>	Indicators <input type="checkbox"/>
5 ▾ Efficiency	0 ▾ Congestion	0 ▾ Congestion
1 ▾ Liveable streets	0 ▾ Community Impacts	0 ▾ Bus reliability
5 ▾ Protection of the environment	0 ▾ Environmental Damage	0 ▾ % of people who think it is easy and safe to walk in their area
1 ▾ Equity and Social Inclusion	0 ▾ Poor Accessibility	0 ▾ CO2 emissions
4 ▾ Safety	0 ▾ Social and Geographic disadvantaging	0 ▾ Local pollution
4 ▾ Economic Growth	0 ▾ Accidents	0 ▾ Energy efficiency (/ trip)
3 ▾ Finance	0 ▾ Suppression of Economic Activity	0 ▾ Accessibility to key services
		0 ▾ Average cost of journey
		0 ▾ Safety
		0 ▾ Regional GDP

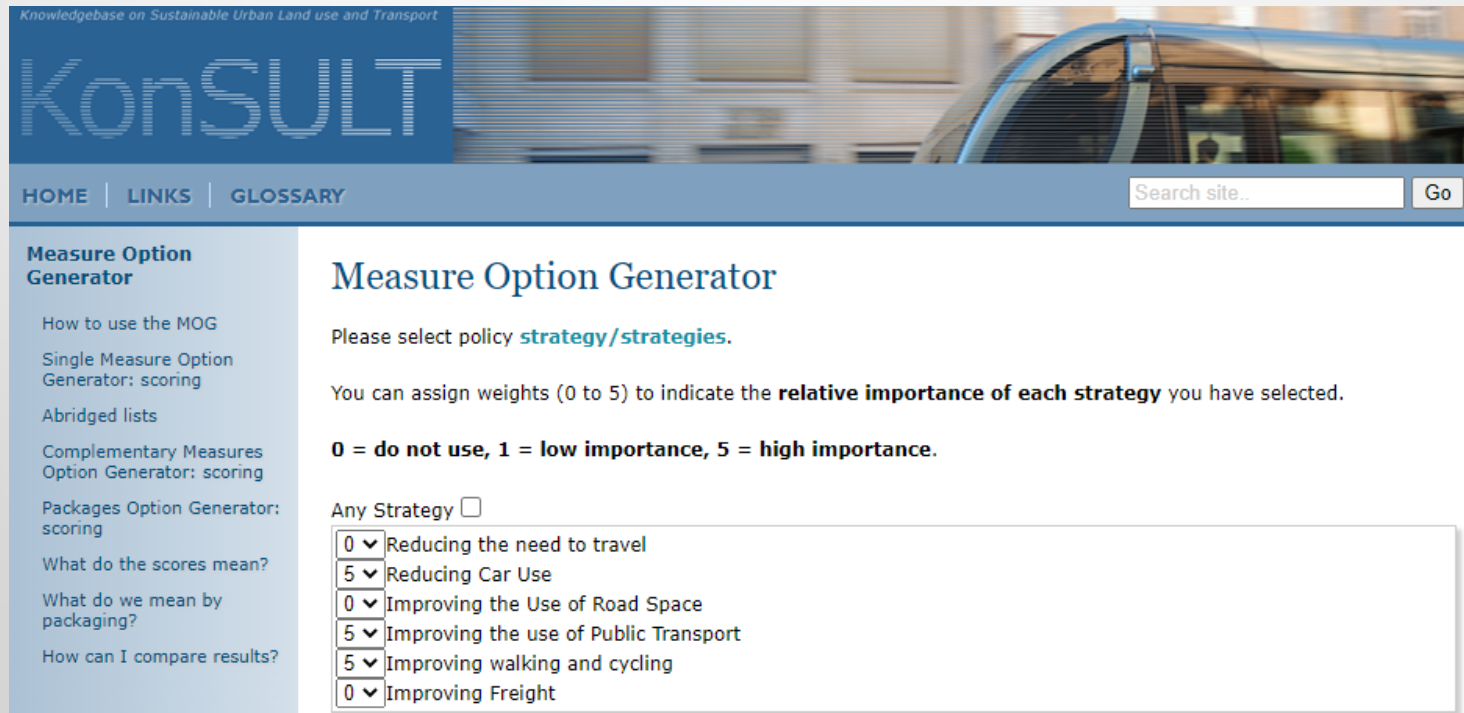
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Analiza strategija održive mobilnosti

Koraci:

iii. definisanje strateških pravaca



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How to use the MOG

Single Measure Option Generator: scoring

Abridged lists

Complementary Measures Option Generator: scoring

Packages Option Generator: scoring

What do the scores mean?

What do we mean by packaging?

How can I compare results?

Measure Option Generator

Please select policy **strategy/strategies**.

You can assign weights (0 to 5) to indicate the **relative importance of each strategy** you have selected.

0 = do not use, 1 = low importance, 5 = high importance.

Any Strategy

0	▼	Reducing the need to travel
5	▼	Reducing Car Use
0	▼	Improving the Use of Road Space
5	▼	Improving the use of Public Transport
5	▼	Improving walking and cycling
0	▼	Improving Freight

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Analiza strategija održive mobilnosti

Za prvih šest strategija
(3 studenta x 2 strategije)
vrši se detaljna analiza

Rang lista mjera za prethodno
zadate kriterijume. Detaljnije
informacije o mjerama
dobijate odabirom neke od
mjera (klikom na plavi tekst)

rank	measure	category	cost	timescale	score
1	Road user charging	Pricing	neutral	medium	51
2	Land use to support public transport	Land Use Measures	neutral	long	43
3	Pedestrian areas & routes	Infrastructure	medium	medium	30
4	Regulatory restrictions	Management and service measures	low	short	26
5	School travel plans	Attitudinal and behavioural measures	low	short	24
6	Parking charges	Pricing	neutral	short	22
7	Development density and mix	Land Use Measures	high	long	22
8	Cycle networks	Infrastructure	medium	medium	21
9	Promotional activities	Attitudinal and behavioural measures	low	short	20
10	Accident remedial measures	Management and service measures	medium	short	19
11	Parking standards	Land Use Measures	low	long	18
12	Vehicle ownership taxes	Pricing	neutral	short	17
13	Parking controls	Management and service measures	low	short	17
14	Private parking charges	Pricing	neutral	medium	16
15	Intelligent transport systems	Management and service measures	medium	medium	16
16	Bus regulation	Management and service	neutral	medium	16

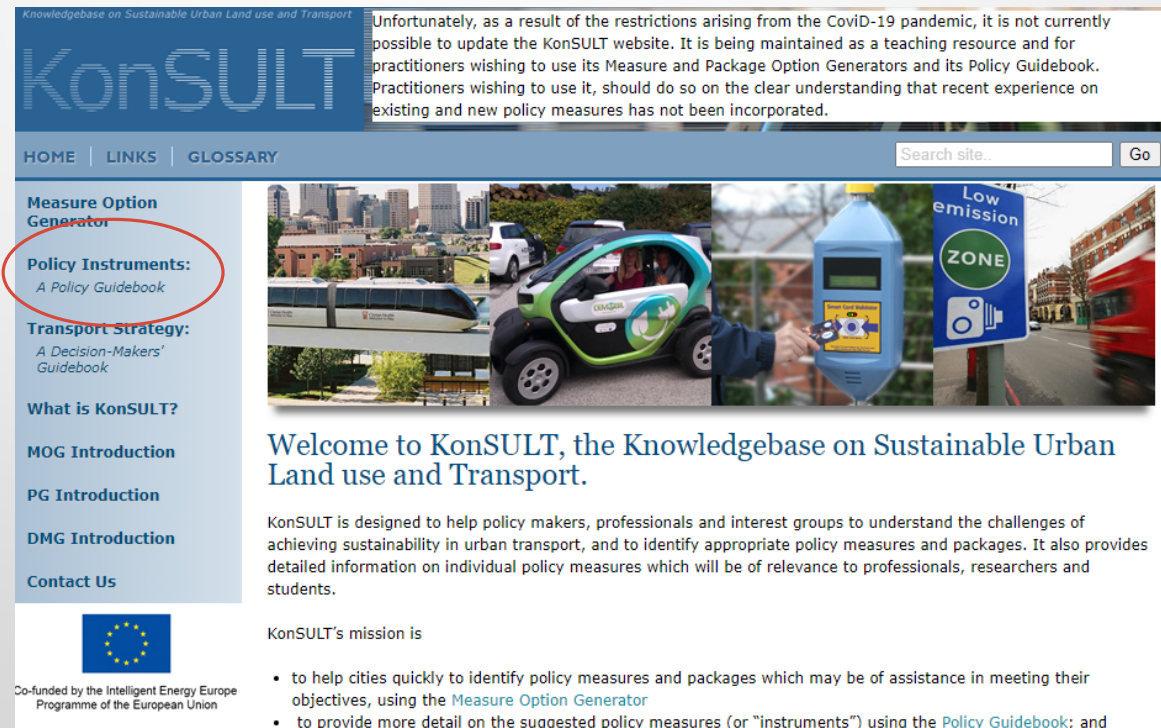
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Analiza strategija održive mobilnosti

Detaljnije o mjerama održive mobilnosti možete pronaći i na:

[Policy Instruments:
A Policy Guidebook](#)



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Analiza strategija održive mobilnosti

Koraci:

- ✓ Na bazi izabranih kriterijuma prikazuje se rang lista potencijalnih strategija uređena prema bodovnom sektoru
- ✓ Svaki tim bira prvih šest rangiranih strategija (3 studenta po 2 strategije)
- ✓ Za odabrane strategije (mjere) održive mobilnosti, svaki student je dužan da predstavi analizu koja sadrži sledeće:
 - opis strategije
 - uticaj strategije na transportne zahtjeve
 - troškove implementacije
 - barijere pri implementaciji
 - primjere primjene

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Analiza strategija održive mobilnosti

Koraci:

- primjere primjene
primjere primjene odabranih strategija ili mjera održive mobilnosti treba da sadrži:
 - kratak opis gdje su primijenjene (država, grad, regija)
 - kako je tekla primjena
 - koji su bili efekti primjene (ukoliko je taj podatak dostupan)
 - koja je ciljna grupa korisnika na koju se uticalo analiziranom strategijom
 - šta su bili ključni faktori uspjeha analiziranih strategija
 - itd.

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Analiza strategija održive mobilnosti

Struktura rada:

- ✓ Naslovna strana (sa nazivom rada i podacima o studentima)
 - ✓ Uvod
 - ✓ Procedura izbora strategija (*print screen* ekrana tokom pretrage na sajtu KonSULT ili detaljan tekstualni opis).
 - ✓ Što detaljniji opis strategija održive mobilnosti koje su dobijene pretragom
 - ✓ Zaključak
- } Ključni dio rada

Tehnički zahtjevi:

- ✓ Format: word (.doc)
- ✓ Veličina slova: 12 pt
- ✓ Poravnjanje: obostrano (justify)
- ✓ Font: Cambria
- ✓ Prored: single
- ✓ Broj strana: do 20 (po timu)

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Analiza strategija održive mobilnosti

- ✓ Rad se predaje u elektronskoj formi
- ✓ Maksimalan broj bodova je 5
- ✓ Rad se šalje na mejl adresu: grdinicm@ucg.ac.me
- ✓ Naziv fajla su imena studenata u timu
- ✓ Termin za predaju rada je 4. april 2022.

- ✓ Sva dodatna pitanja i informacije:
grdinicm@ucg.ac.me ili grdinicm@yahoo.com
Kabinet 417