





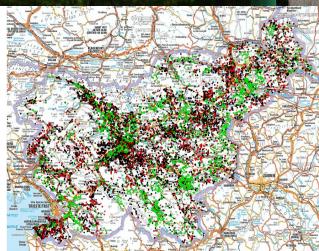
ONLY 9% OF ALL PLASTIC EVER MADE HAS BEEN RECYCLED.



THE REST IS POLLUTION.

#BreakFreeFromPlastic







LJUBLJANA

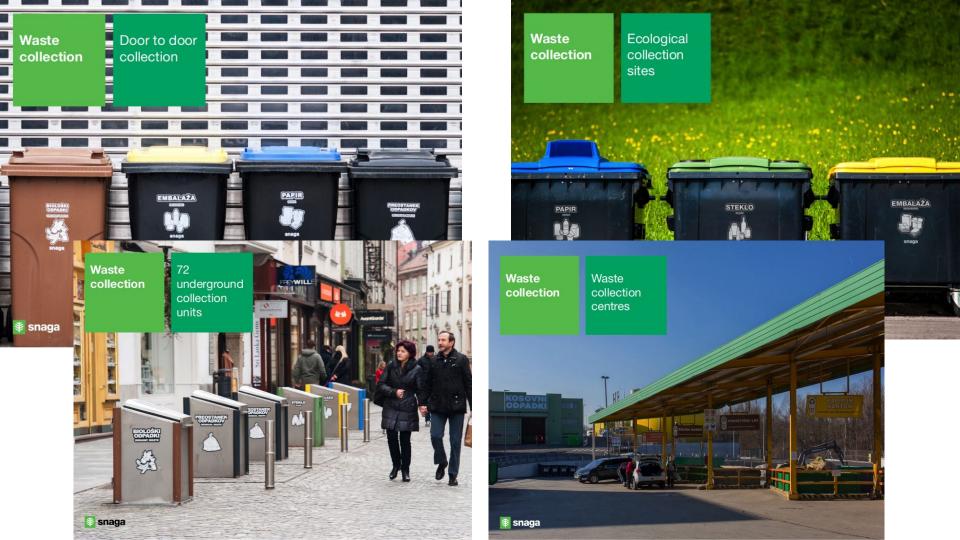
- Capital of Slovenia
- 293.000 inhabitants
- Best performing capital in Europe in waste management
- European Green Capital 2016 and continuing its vision



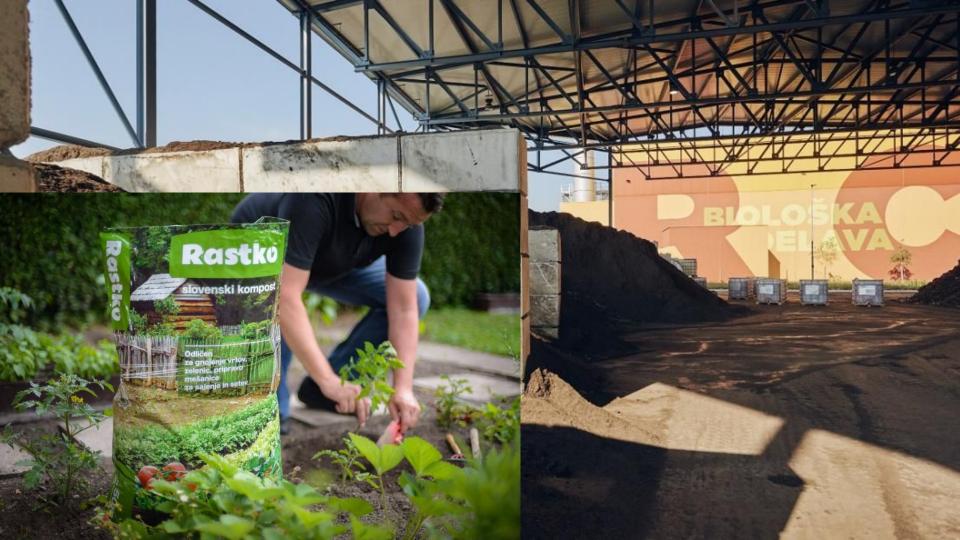
Mestna občina Ljubljana

VOKASNAGA

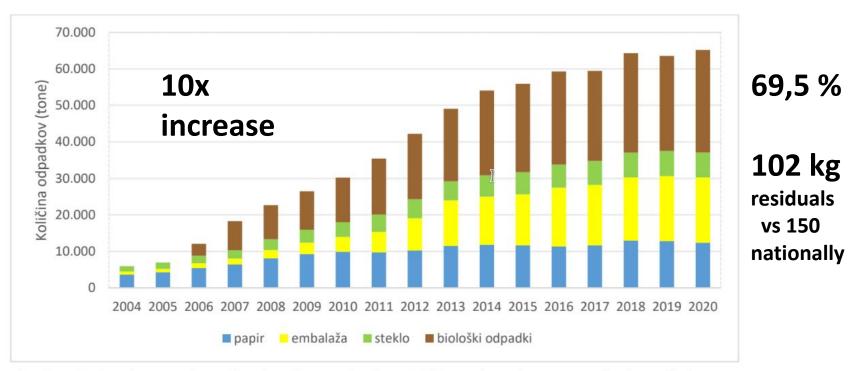
- Largest public service company in Slovenia
- Set up by several municipalities
- Manages waste and water for around 400.000 residents
- On average, almost 3 bins per person
- Runs the RCERO regional WM center, covering 57 municipalities and 40 % of the population







RESULTS: separate collection



Graf 4: Prikaz ločeno zbranih odpadkov po letih v MOL in desetih primestnih občinah, kjer za ravnanje z odpadki skrbi JP VOKA SNAGA

But how?

INFRASTRUCTURE IS OVERRATED

Realizing the importance of soft measures:

- Infrastructure alone yields suboptimal results
- Infrastructure is a glass ceiling

Transitioning to circular (zero waste) thinking:

- Resource management vs waste management
- Continuous improvement and looking for opportunities



Shared measures

SEPARATE COLLECTION IS MANDATORY



COSTS & PAY AS YOU THROW

- Limited autonomy for price setting
- Stable price for households ~ 8€ / month
- Stimulation through pricing
- December rewards

Residual waste is expensive!



LOWER FREQUENCIES AND EASE OF USE

V Urniki

Q Novo iskanie

Urniki odvoza odpadkov

Urnik odvoza kosovnih odpadkov

Koledar odvoza odpadkov

OKIŠKEGA ULICA 30, LJUBLJANA



RESIDUAL COMPOSITION ANALYSIS

	Mešani odpadki iz gospodinjstev	Delež 2016	Delež 2017
1	Plastika (LD-PEN vrečke, PP, PET, HD-PE)	11%	10,08%
2	Ostala plastika (čevlji, PVC, gume, jogurtovi lončki)	8%	11,,,,/0
3	Tetrapak	1%	0,99%
4	Tekstil in obleke	8%	7.67%
5	Papir	4%	6,83%
6	Nepakirani papir (časopisi, revije, reklame)	3%	3,88%
7	Karton	4%	3,59%
8	Papirnati robčki, papirnate brisače	6%	11.08%
9	Plenice	10%	10,34%
10	Magnetne kovine	2%	530/
11	Nemagnetne kovine (barvne kovine, pločevinke)	2%	2,31%
12	Steklo	3%	2,29%
13	Biološki odpadki,veje	15%	10,91%
14	Obdelan les	2%	1,83%
15	Elektronika, nevarni odpadki, drugo	1%	0,87%
16	Ostalo (večinoma BIO in droben material)	18%	10,91%
17	Inertni odpadki (kosti, keramika, porcelan, kamni)	2%	2,11%
	Skupaj	100%	100%

COMMUNICATION AND ENGAGEMENT

- Multimedial
- Wide reaching
- Reactive
- Leading by example!
- Not only waste related





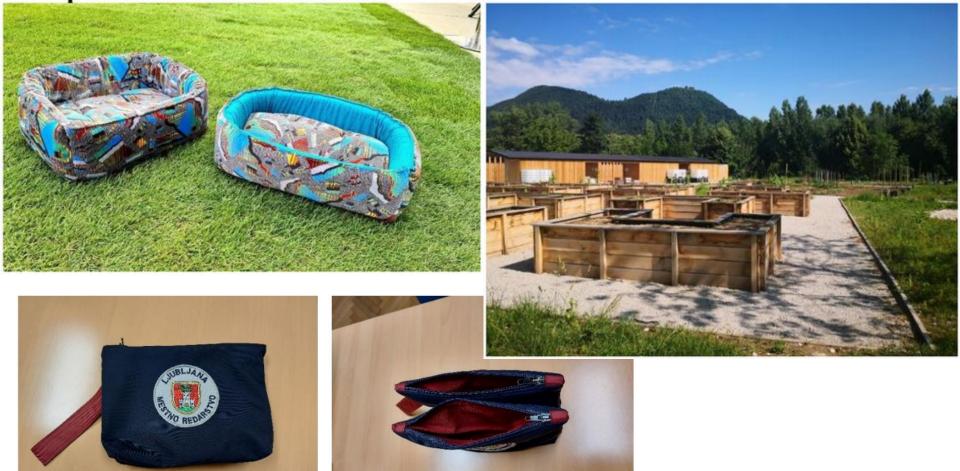


V mestu in naravi nismo sami. Masko in ostale odpadke po uporabi oduržemo v koše in ne na tta. Bodimo vzgled našim someščankam in someščanom. Človek, čuvaj svoje mosto, sovetka na na žlovek



Other waste prevention







Kabiné Šerinjon



Veseli smo, da se želiš pridružiti skupnosti, ki si spreminja svjo odnos do oblačil.

VPIS

REGISTRACIJA



Graf 5: Prikaz količine nastalih odpadkov na prireditvi »Silvestrovanje na prostem v središču mesta Liubljana« od leta 2014 do 2018



MISCELANEA

- Green public procurement
- Internal workshops and reuse
- Finding a use for invasive plant species
- ...
- Circular Economy strategy in the works

RECIPE FOR SUCCESS

- (Good) enabling conditions
- Vision and understanding
- (Existing) infrastructure
- Soft measures
- Time



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Questions? Thanks!

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