



Novi prilozi za okrugli stol „Budućnost komunikacija”

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Sadržaj



Šetnja kroz skorbu budućnost



Nekoliko smjerokaza



Diskusija (na okruglom stolu)



Šetnja kroz skorbu budućnost

Scenarij: Krešimir Nemec, Antonio Prišćan

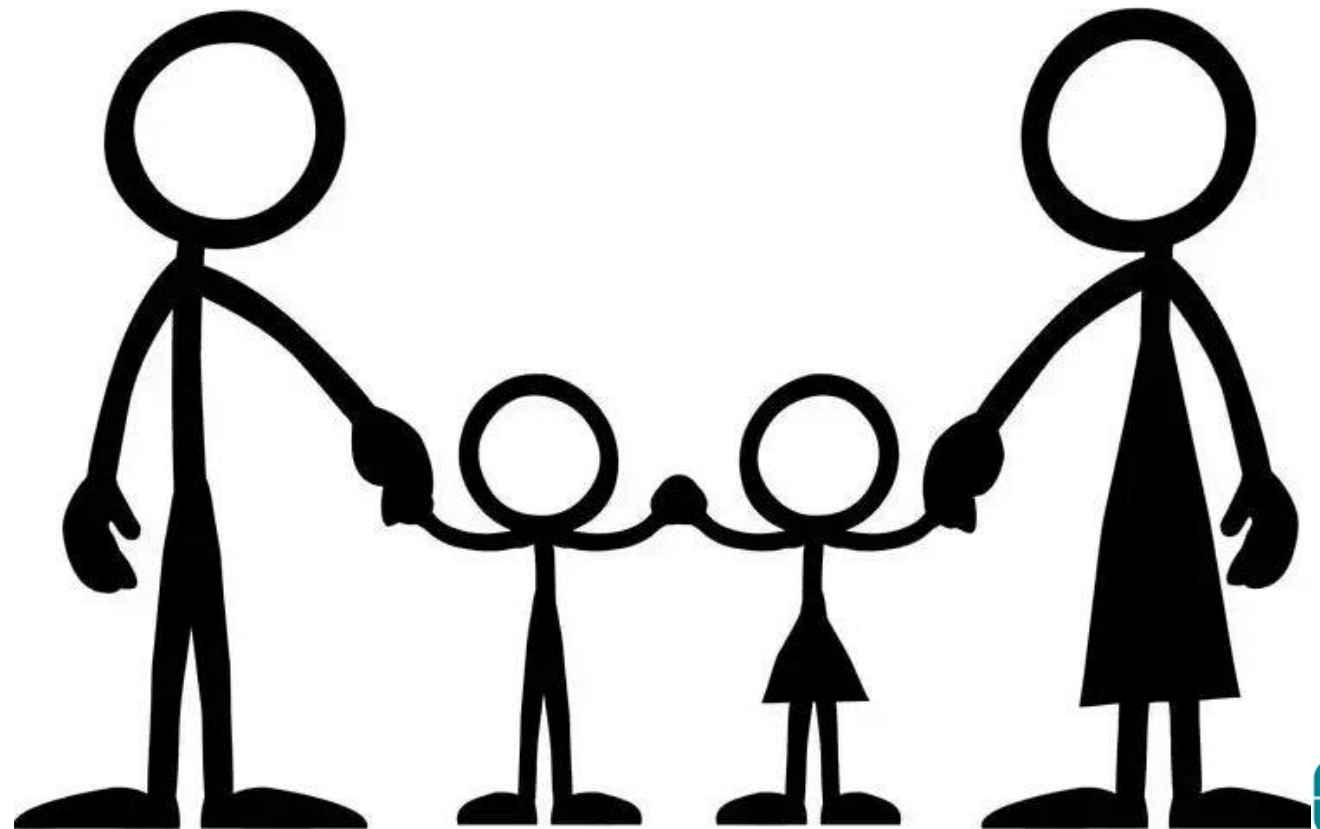
Casual Family Sunday in a Smart City

Imagine a typical family trying to spend sunny Sunday outdoors.

How does technology assist them in their journey?

How do they interact with city environment, find the relevant information and decide along the way?

Let us follow them in their journey...



Healthy lifestyle

Father already finished his regular 5 km run in a nearby park. All data on his performances are being measured and tracked by his smartwatch.

He tends to compete within a group of similar fitness level and is satisfied with today's run.



Mother did her morning Ashtanga yoga practice and has prepared a healthy meal for the family accessing the recipe from her tablet.

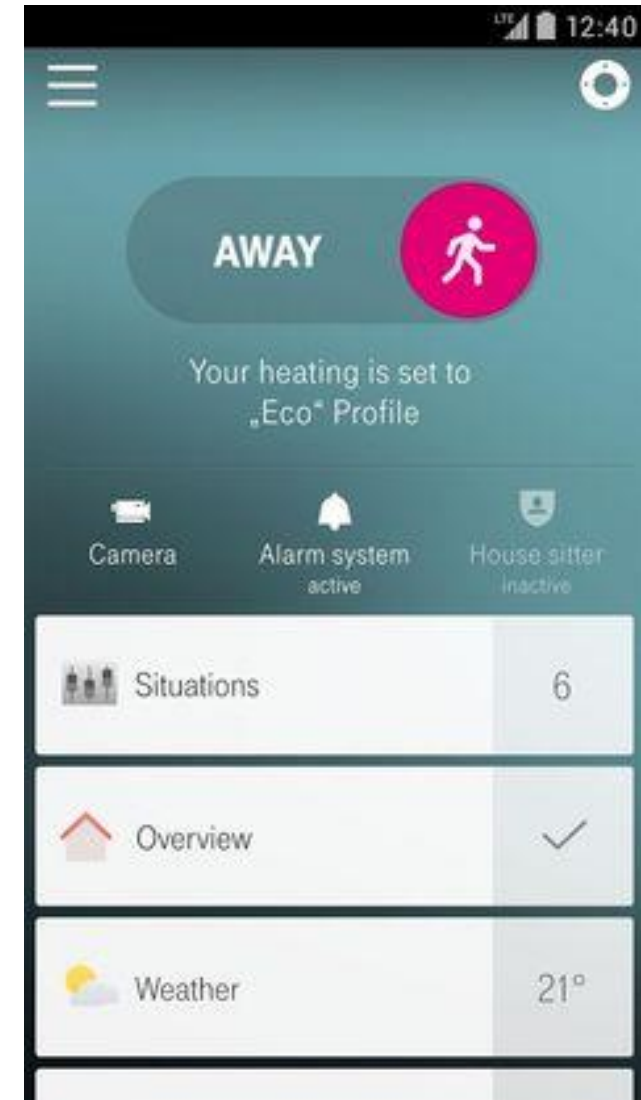
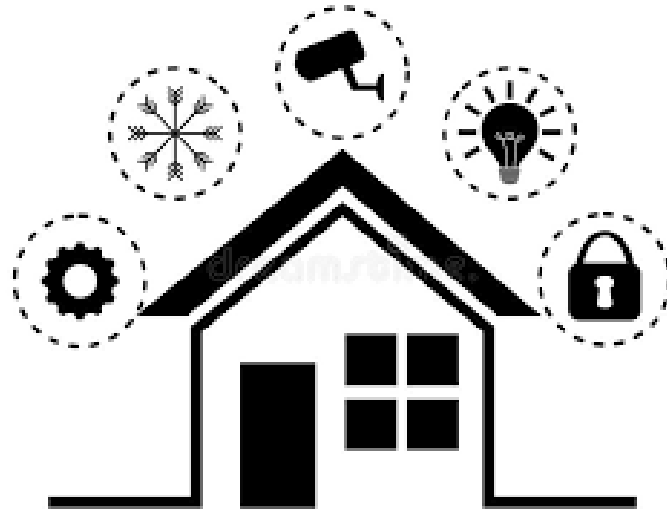
She keeps track of her exercises and has just earned a badge in her app.



Smart Home

Decide to spend the day outside

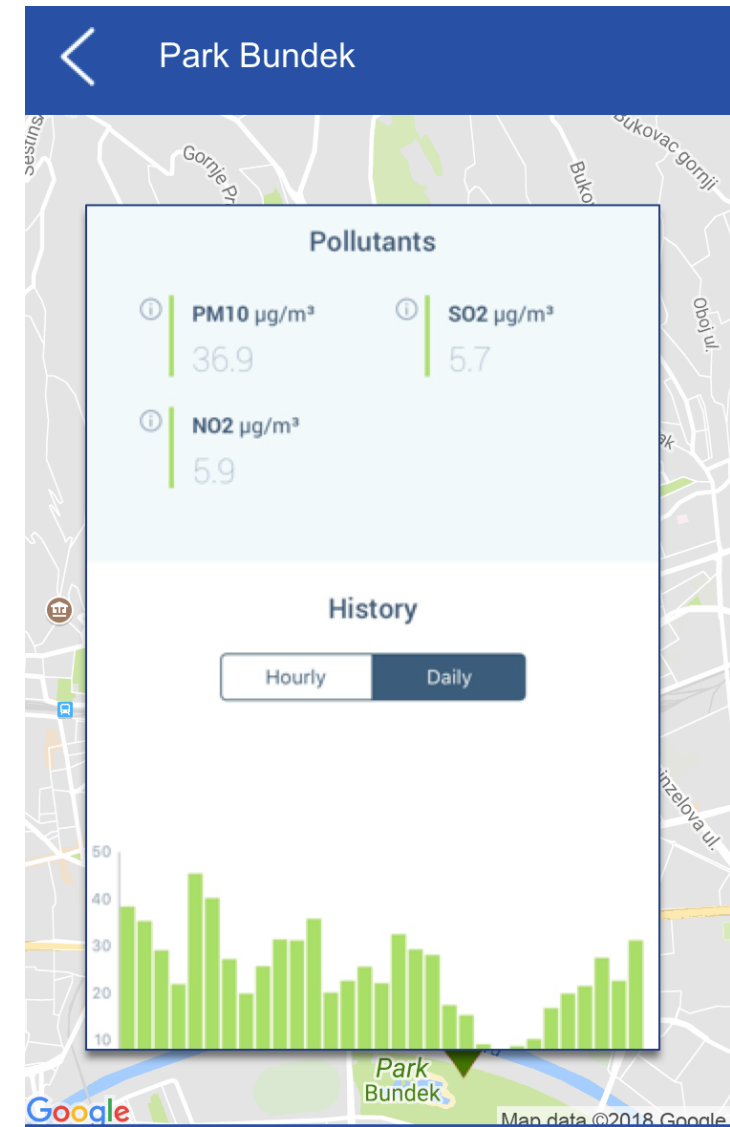
Use the Smart Home application to set status to AWAY (“nobody’s home, guard it”)



Smart City App - air quality

Once inside their electrical car, they use Smart City application to search for places with **cleanest air**

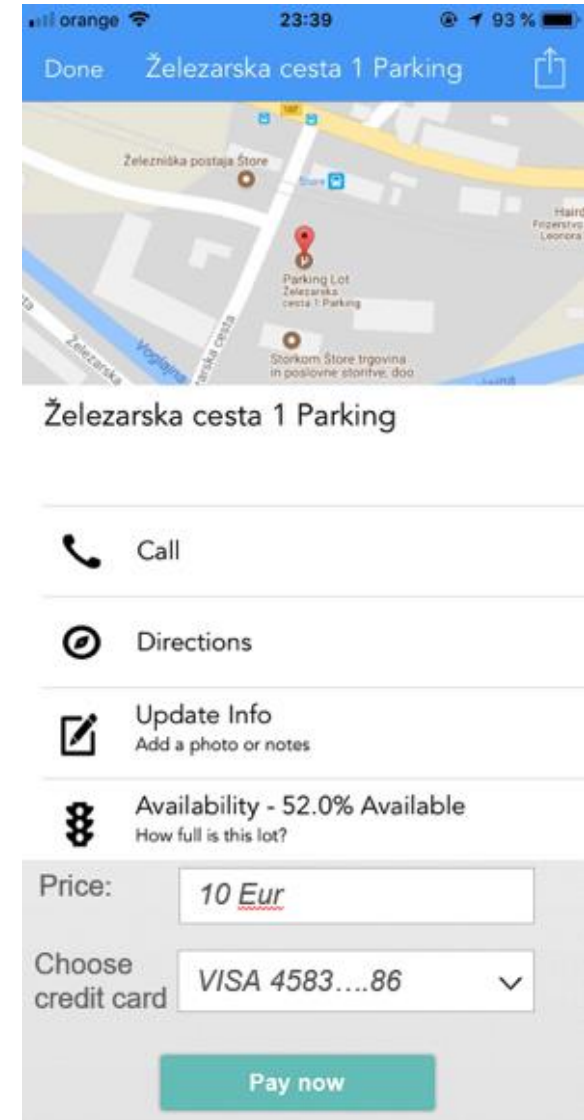
Alert shows one of the parks is closed for Sunday half-marathon, and second has **flood alert** as located next to river



Casual Family Sunday in a Smart City

Smart City app locates vacant **parking place** with **charging station**

If a garage is nearby and has available charger, it can be **reserved** and **payed** via app



Smart City – Incident reporting

Irregularity observed → Citizen Feedback
part of Smart City application used to
report to city officials



Smart City App

Report an issue

Title

Address

Personal details

* Name:

* e-mail:

* Date:

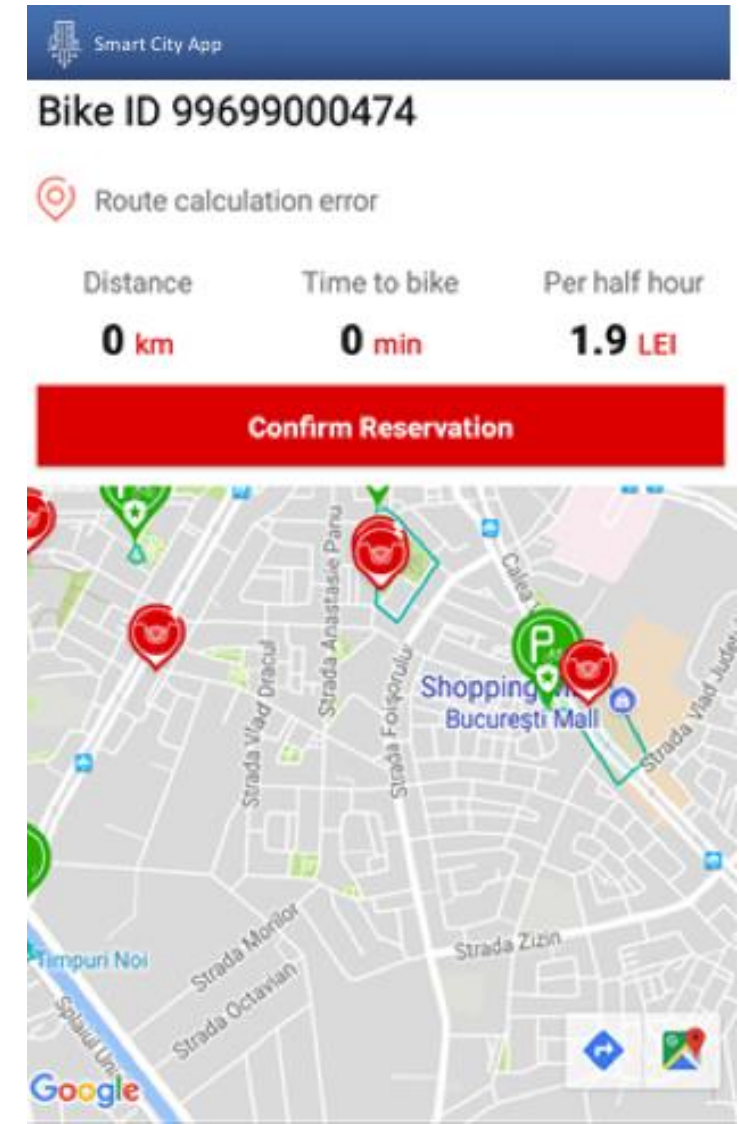
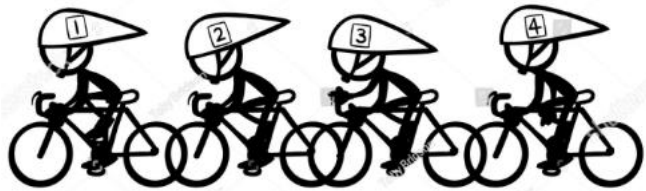
Details:

Add photo

Send

Smart City – Public Transport

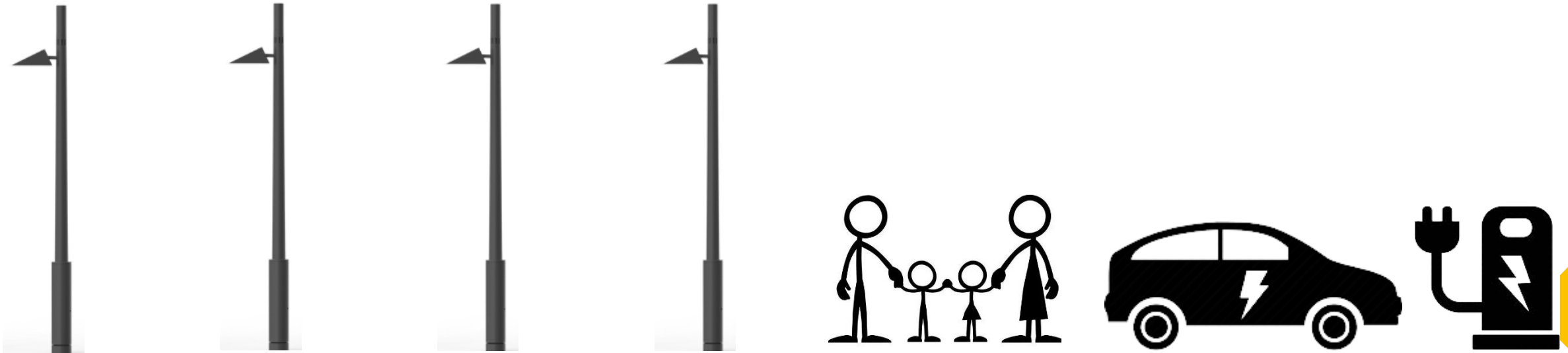
Having realized park is much larger than it seems, city bike can be located, rented and payed via same app



Smart City – Smart Lighting

Walking back they observe smart lighting poles dim light as they pass by, **reducing light pollution**

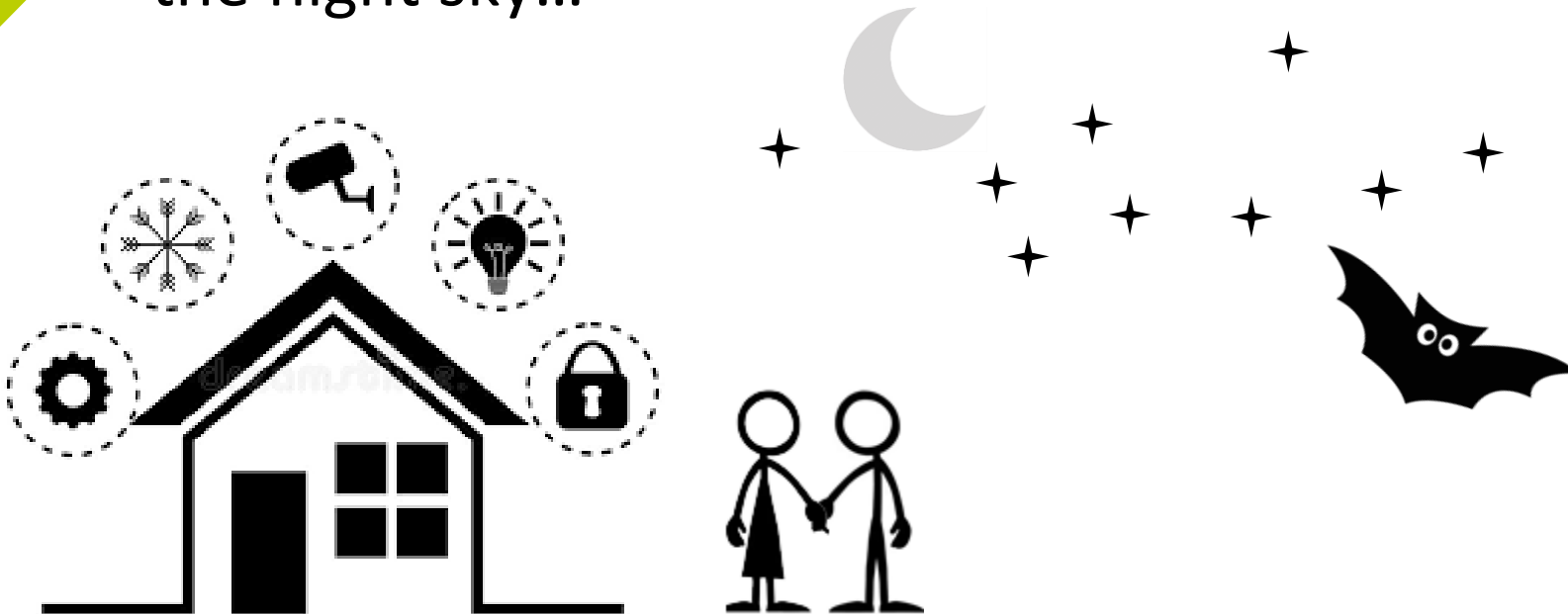
In meantime, the trash bin has been replaced, and happy family leaves positive feedback about city **waste management**



Casual Family Sunday in a Smart City

Smart Home application is used to set "we're back home" mode

Kids are already sleeping, and parents decide to have a glass of wine on terrace, enjoying the night sky...



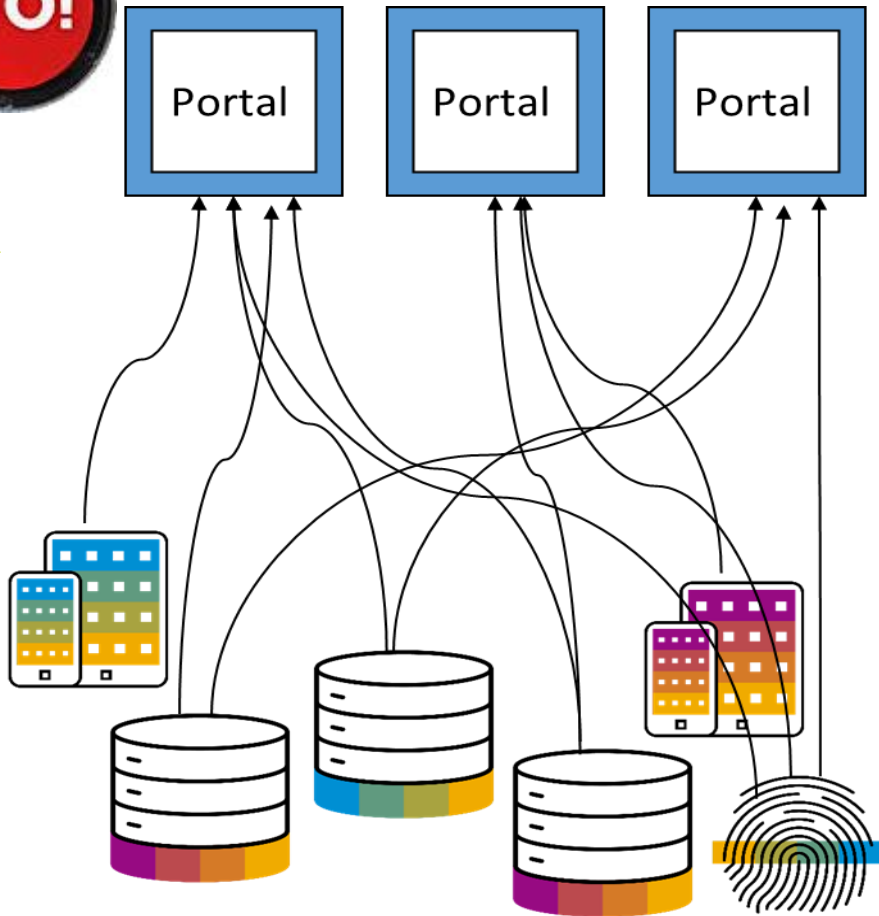
?



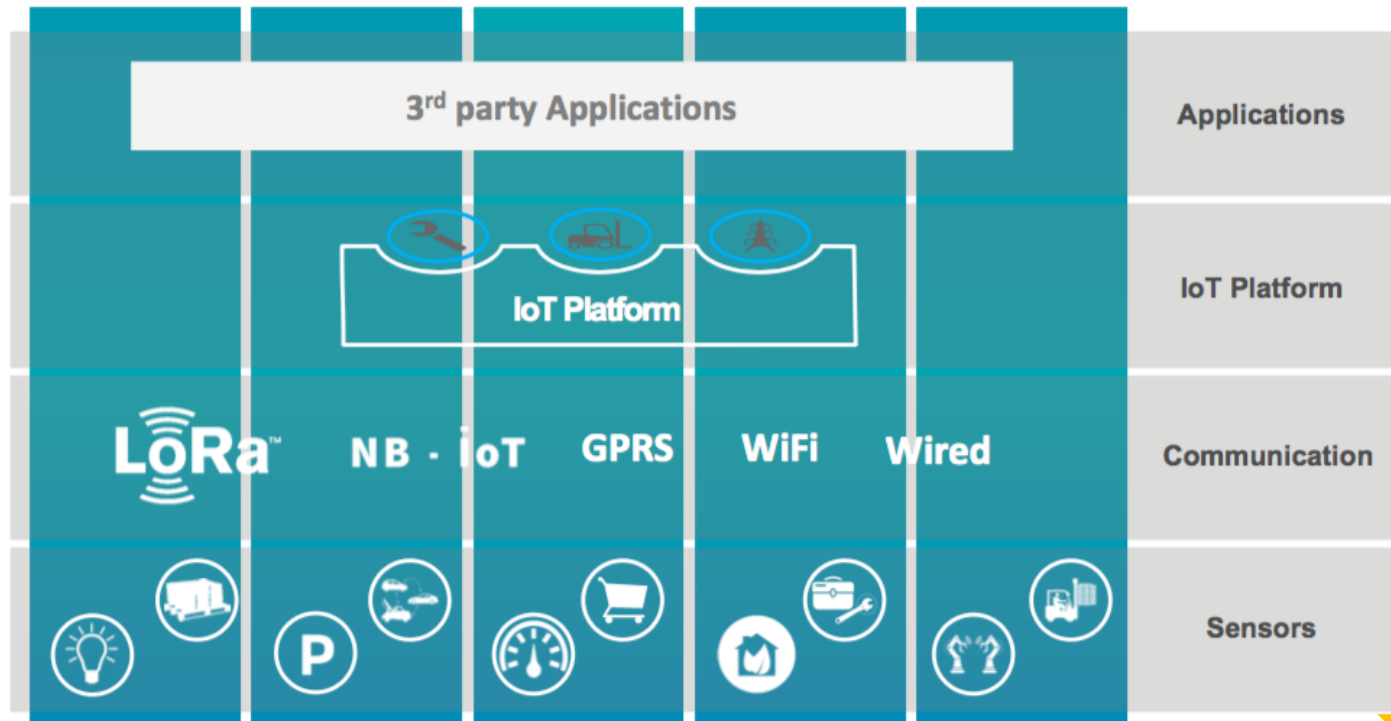
**Nekoliko
smjerokaza**

Izbjeći šumu portala i vertikalnih integracija

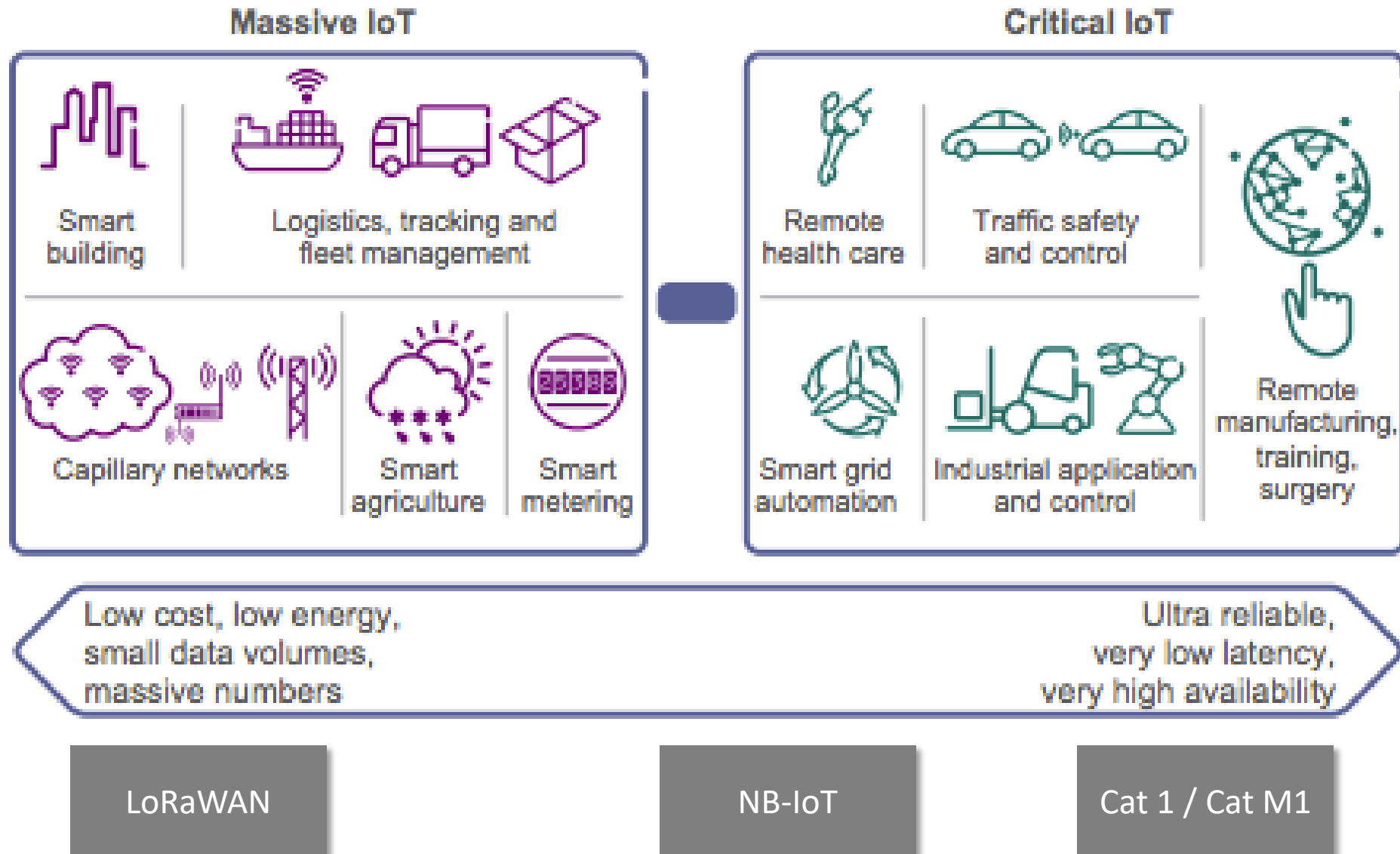
NO!



YES!



Koju tehnologiju koristiti za što?



Tehnologije – svaka ima svoj faktor 😊

primjena	Smart Building	Asset tracking	Smart agriculture	Connected car	Home security & camera	Waste management	Industrial automation	Connected health	Electr. smart meters	Gas / Water meters
Data rate										
Battery life										
Cost										
Traffic volume										
rješenje	LoRaWAN	LoRaWAN NB-IoT CatM1 ?	LoRaWAN	CatM1 Cat1	CatM1 Cat1	LoRaWAN	CatM1 Cat1	NB-IoT CatM1	CatM1	LoRaWAN



Hvala na pažnji