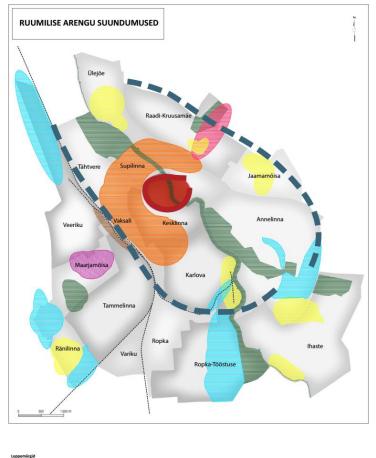


# Network planning and construction of cycling roads in Tartu



Indrek Ranniku 27.01.2021

#### Master plan of City- stategic view





- Established 1030
- Population 100 000
- 25 000 students
- Tartu Univesity established 1632
- Medical centre of South-Estonia (6000 empl.)
- Regional and cultural centre of South- Estonia





#### **MODAL SPLIT 2040**

	2003	2008	2009	2013	2018	2030	2040
片	45%	41%	36%	28,5%	21,5%	22%	<b>21</b> %
Ś	-	-	4,5%	9%	8%	17%	<b>26</b> %
	25%	22%	31%	21,5%	21,5%	22%	23%
	30%	37%	28,5%	41%	<b>46</b> %	35%	<b>25</b> %
Q	-	-	-	-	<b>3</b> %	4%	5%
<b>؉</b>	o 45%	41%	40,5%	37,5%	<b>29,5</b> %	39%	<b>47</b> %



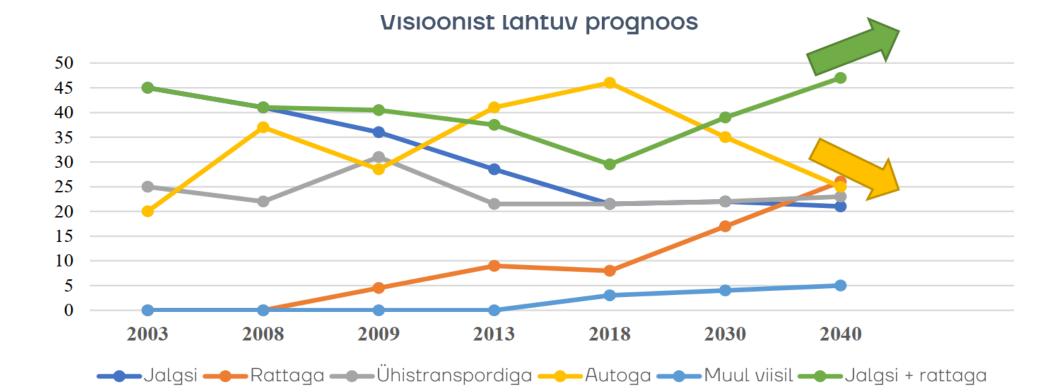
#### **CYCLIYNG IN TARTU -VISION 2040**

Bicycle is most preferred vehicle used all year around and walking is most preferred gait- the citizens of Tartu are doing their everyday movements mostly by bicycle or on foot

City wish to raise the number of bicycle users approximately 1% per year and reduce the number of using the cars approximately 1% per year

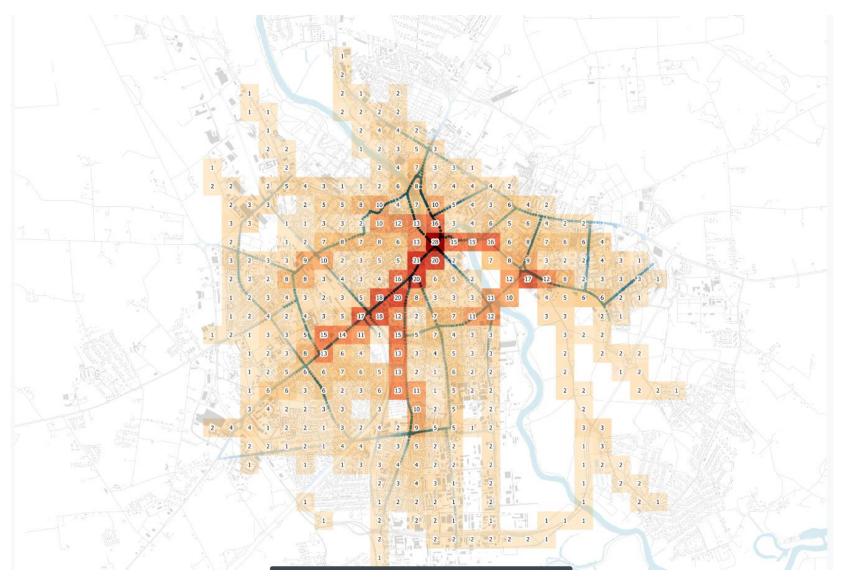
#### **CHANGINGS BY THE VISION**





#### Potencial of living and working places for cycliyng network





## Idea collection – new cycle roads, problematic streets, problematic points (crossing, area for cyclysts, safety i.t.c.)





#### **Bad crossings and new Masterplan**





#### **Problematic points and new Master plan**





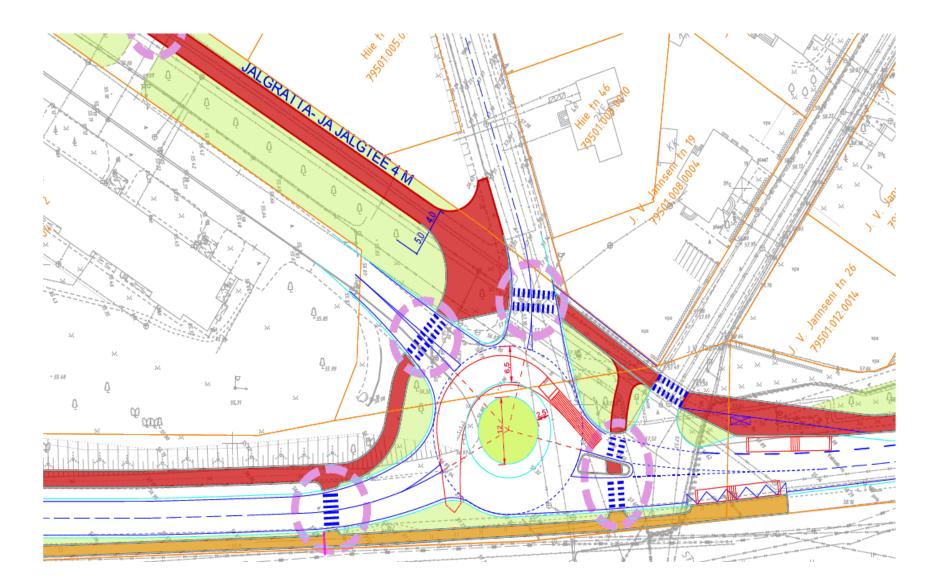
#### 12 most unsafe crossings for cyclists and pedestrians





#### The example of the detail design of crossing





#### The 12 crossings will be designed to be more safe

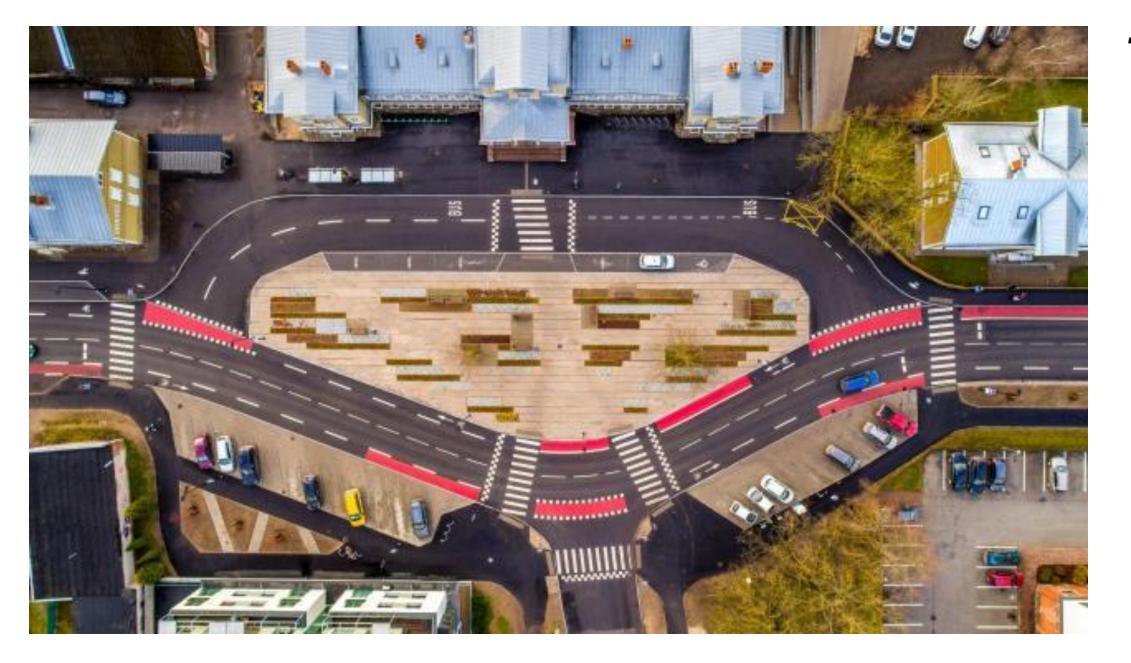


Problematic case – car friendly solution in one of the main strelets (Turu str.)









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#### **Railway station**



Marja light traffic bridge (designed, planned)



One of the most influential objects in Tartu pedestrian and bicycling roads: grade separation of Riia Street under the railway





**Riia street** 

#### **Riia street – new lightraffic bridge**







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### **Thank You!**

www.tartu.ee

27.01.2021

