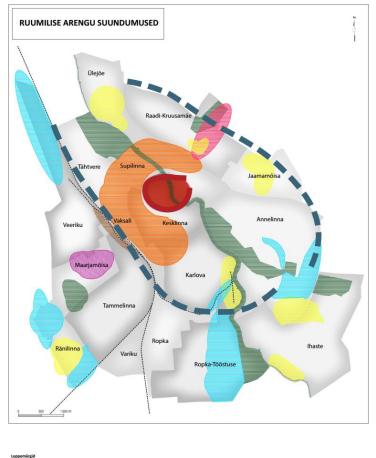


Network planning and construction of cycling roads in Tartu



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%	21 %
Ś	-	-	4,5%	9%	8%	17%	26 %
	25%	22%	31%	21,5%	21,5%	22%	23%
	30%	37%	28,5%	41%	46 %	35%	25 %
Q	-	-	-	-	3 %	4%	5%
؉	o 45%	41%	40,5%	37,5%	29,5 %	39%	47 %



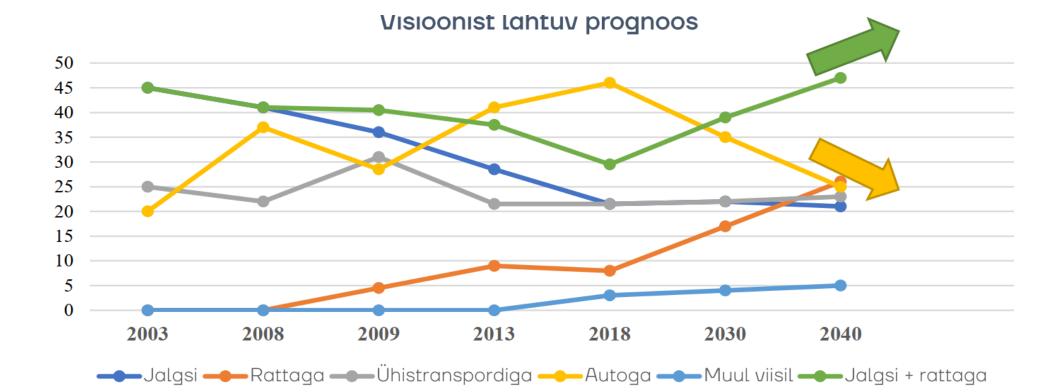
CYCLIYNG IN TARTU -VISION 2040

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

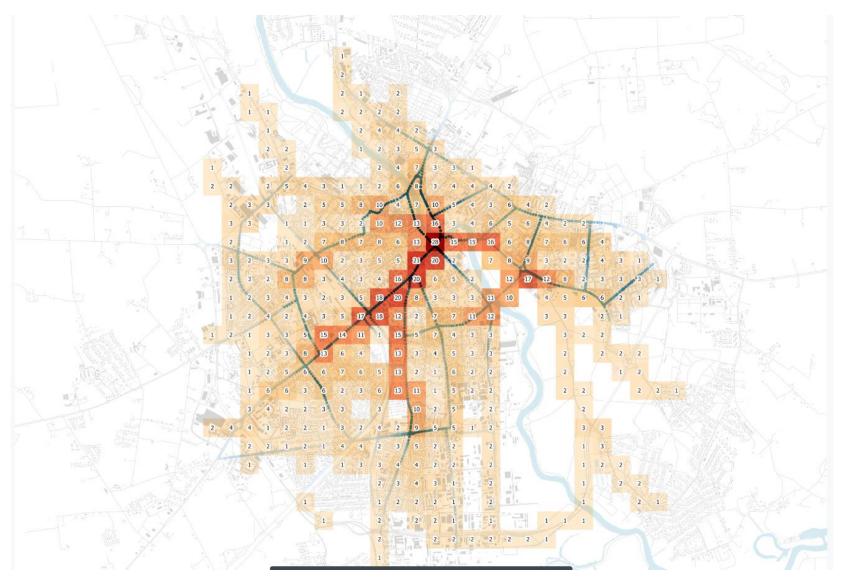
CHANGINGS BY THE VISION





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





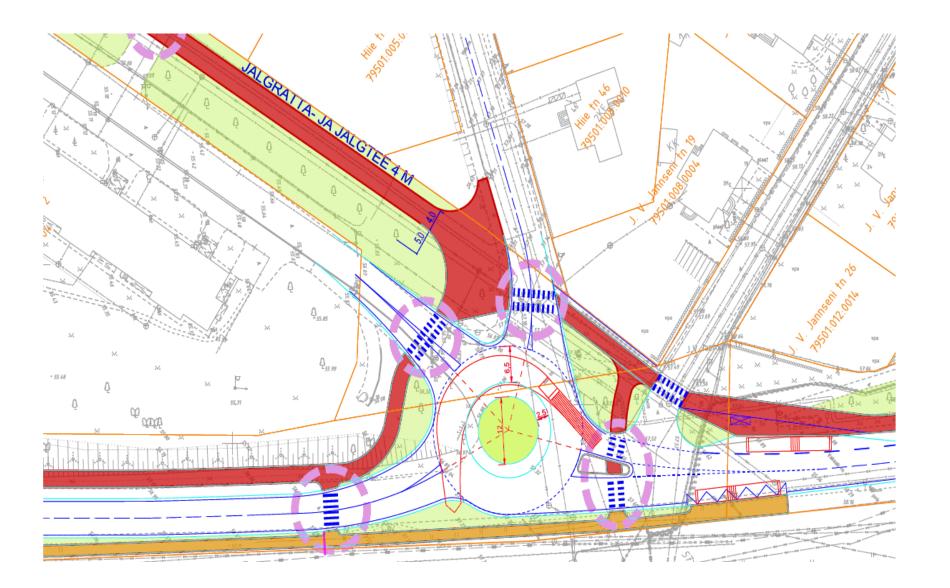
12 most unsafe crossings for cyclists and pedestrians





The example of the detail design of crossing





The 12 crossings will be designed to be more safe

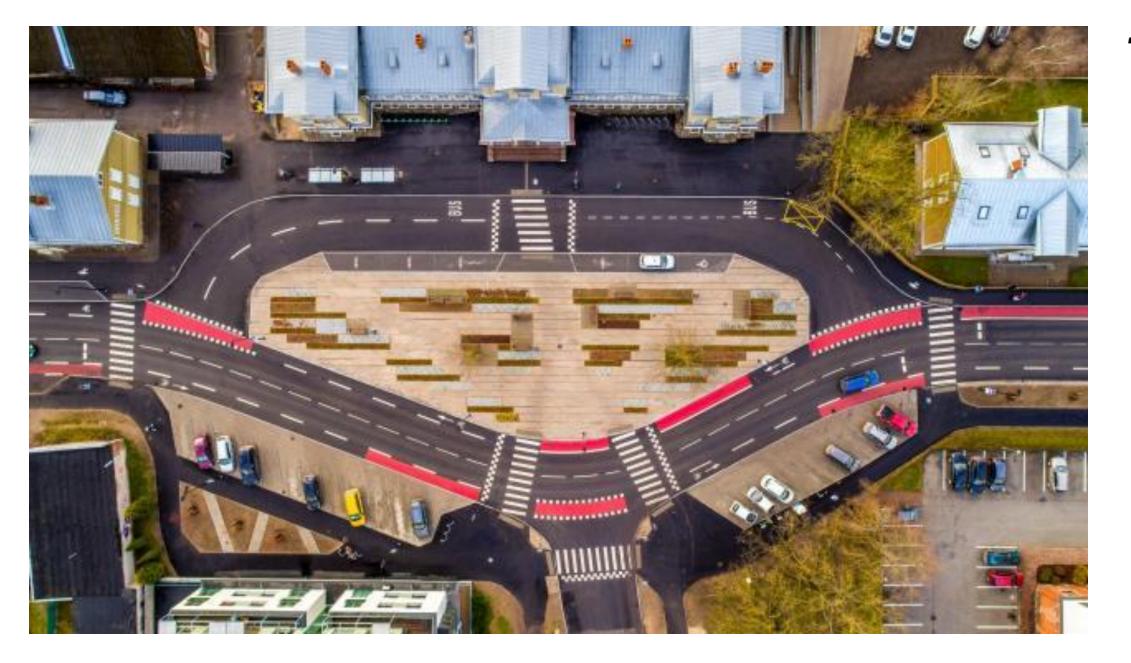


Problematic case – car friendly solution in one of the main strelets (Turu str.)









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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

