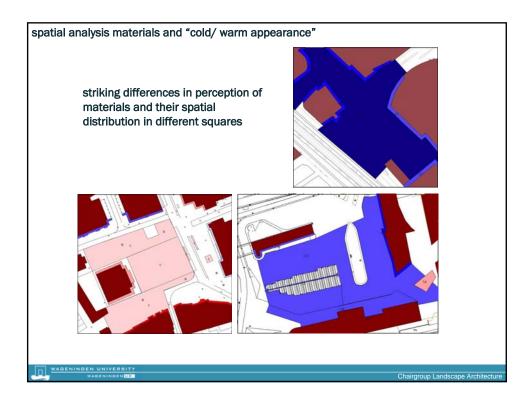


	Tests	of Between-Subjects Effects			
Dependent Variable: di	ffcomf				
Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	134.024	8	16.753	1.698	0.095
Intercept	246.111	1	246.111	24.945	0.000
width	79.446	2	39.723	4.026	0.018
plein	9.013	2	4.507	0.457	0.634
width * plein	21.715	4	5.429	0.550	0.699
Error	6,768.111	686	9.866		
Total	7,527.000	695			
Corrected Total	6,902.135	694			
	djusted R Squared = .008) a proven: " <u>thermal dis</u> u <u>a square</u> "	comfort is influe	nced by too	wide propo	rtions of

397.563 1 397.563 45.526 0.000 370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721
Tests of Between-Subjects Effects e: diffcomf Type III Sum of Squares df Mean Square F Sig. 439.294 5 87.859 10.061 0.000 397.563 1 397.563 45.526 0.000 370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721 46.166 2 23.083 2.643 0.072 5.134.760 588 8.733 4 6.102.000 594
e: diffcomf Type IiI Sum of Squares dt Mean Square F Sig. 439.294 5 87.859 10.061 0.000 397.563 1 397.563 45.526 0.000 370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721 46.166 2 2.3083 2.643 0.072 5.134.760 588 8.733 6.102.000 594 -
Type III Sum of Squares df Mean Square F Sig. 439.294 5 87.859 10.061 0.000 397.563 1 397.563 45.526 0.000 370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721 46.166 2 23.083 2.643 0.072 5.134.760 588 8.733 6.102.000 594
397.563 1 397.563 45.526 0.000 370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721 46.166 2 23.083 2.643 0.072 5,134.760 588 8.733 4.643 0.072
370.249 1 370.249 42.399 0.000 5.724 2 2.862 0.328 0.721 46.166 2 23.083 2.643 0.072 5,134.760 588 8.733 6.102.000 594
5.724 2 2.862 0.328 0.721 46.166 2 23.083 2.643 0.072 5,134.760 588 8.733 2 643 0.072 6,102.000 594 5 5 6 2 5 1<
46.166 2 23.083 2.643 0.072 5,134.760 588 8.733 6.102.000 594 6.102.000
5,134.760 588 8.733 6,102.000 594 594
6,102.000 594
5.574.054 593
000
9 (Adjusted R Squared = .071)

place	flowers	trees	monuments/ art	fountains/wa ter	seats	pavillions	wind/rainscr eens	others
DenHaag	18%	23%	4%	2%	22%	2%	2%	13%
Eindhoven	8%	12%	0%	0%	17%	1%	17%	2%
Groningen	7%	29%	0%	8%	23%	2%	4%	10%
average	11%	21%	1%	3%	21%	2%	8%	8%

lependent variable th	ermal dis/comfort correla	ted with the indepen	dent variable: m	aterials cold/	warm
	Tests	of Between-Subjects Effects			
Dependent Variable: diffcomf					
Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	74.853	5	14.971	1.749	0.12
Intercept	259.473	1	259.473	30.322	0.00
matcw	66.795	1	66.795	7.806	0.00
plein	4.268	2	2.134	0.249	0.77
matcw * plein	6.625	2	3.313	0.387	0.67
Error	2,815.344	329	8.557		
Total	3,375.000	335			
Corrected Total	2,890.197	334			
a. R Squared = .026 (Adjusted	d R Squared = .011)				
u hhumathaala a	proven: "thermal dis	comfort is influe	nood by the	use of mate	ariale



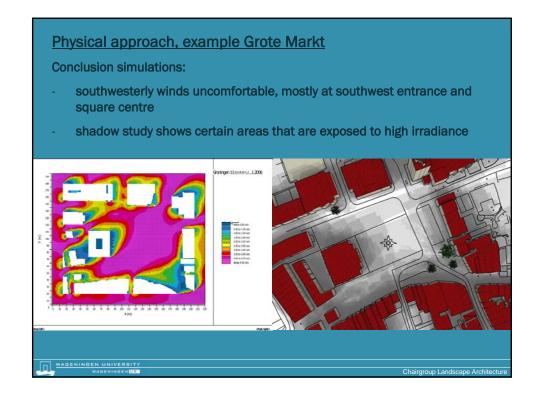
First conclusions from research for design

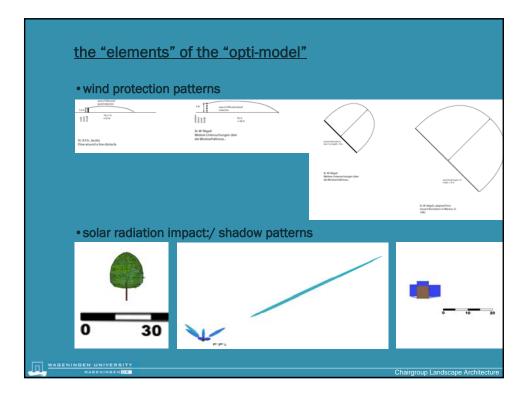
general:

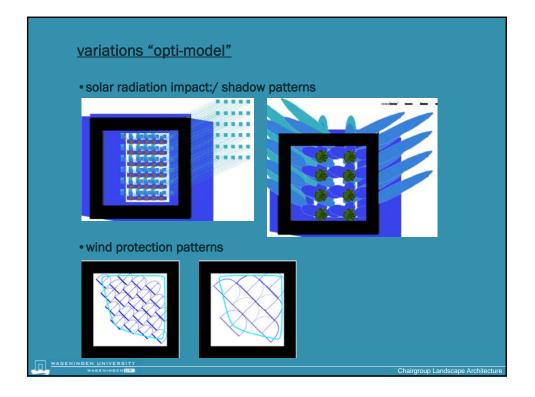
- "people in the street" have quite a high acuity for interpreting the environment with respect to its probable physical microclimate ???? why do designers have less knowledge????
- practically speaking this means:
- avoid too square proportions of 0.20 and lower- better offer smaller subplaces or wind protection
- avoid too open squares- better offer sufficient vegetation and other elements that also improve or diversify microclimate
- in Dutch context avoid use of "cold" materials: cool colours, smooth texture, high reflectivity, high heat conductivity, rather use materials with warm appearance, colour and physical properties

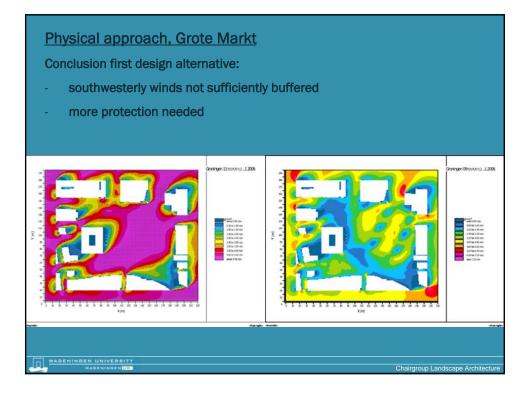


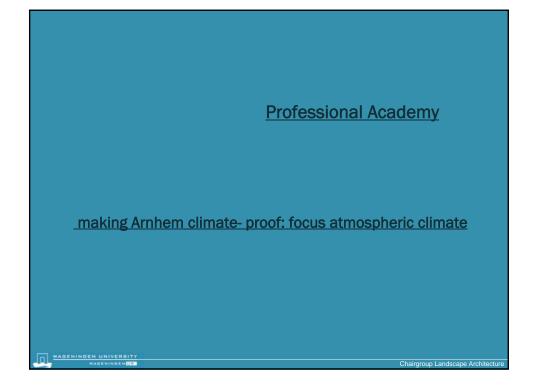
WAD

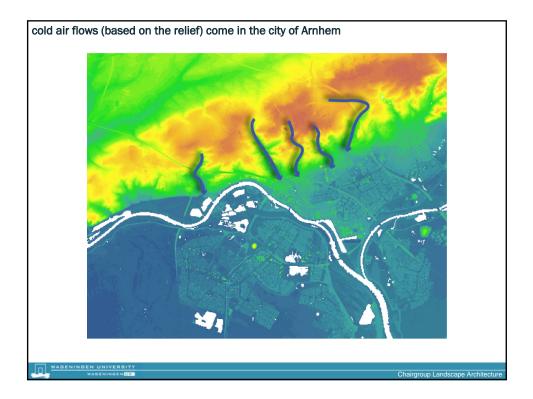


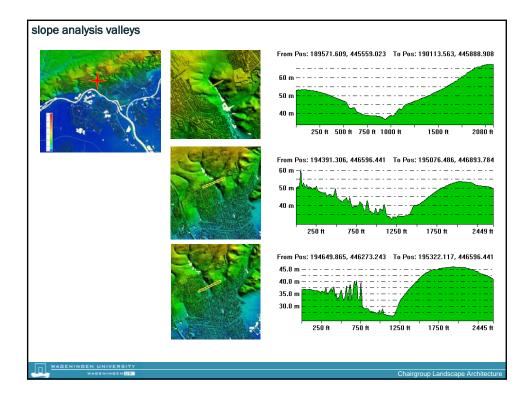


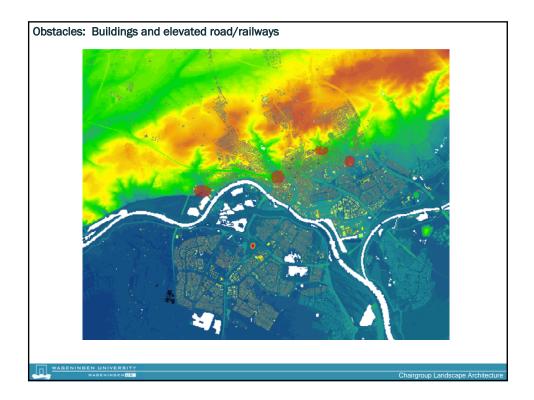


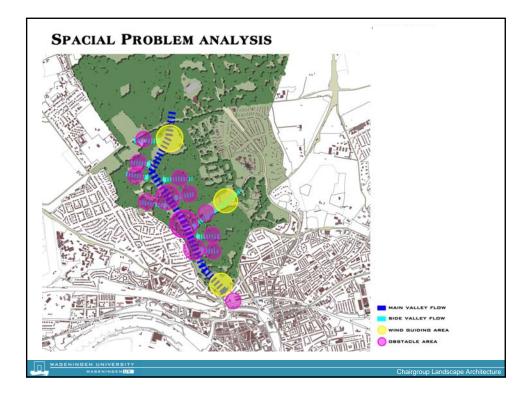




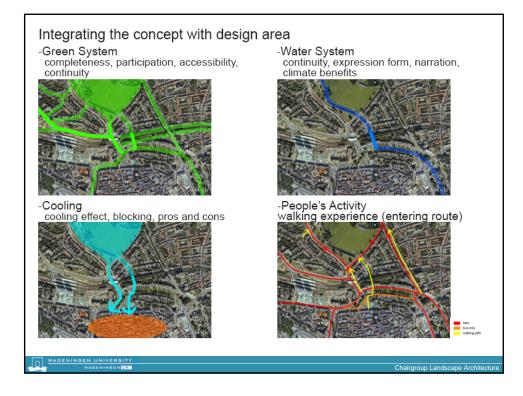


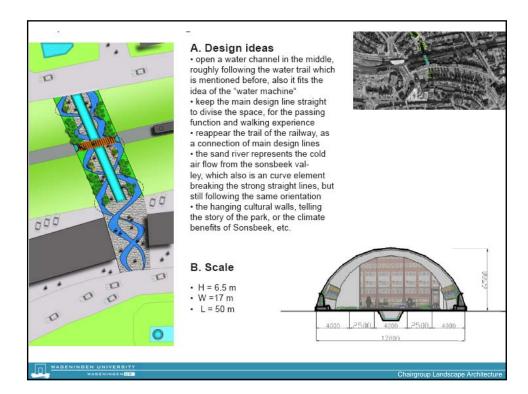




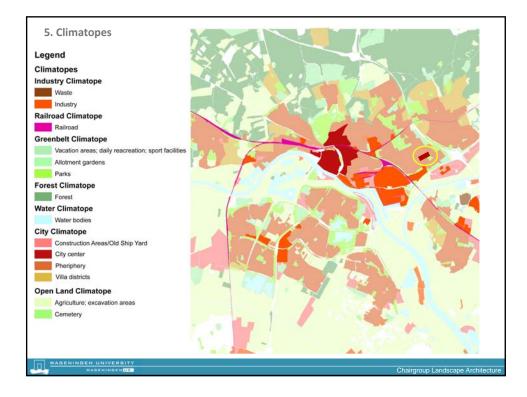


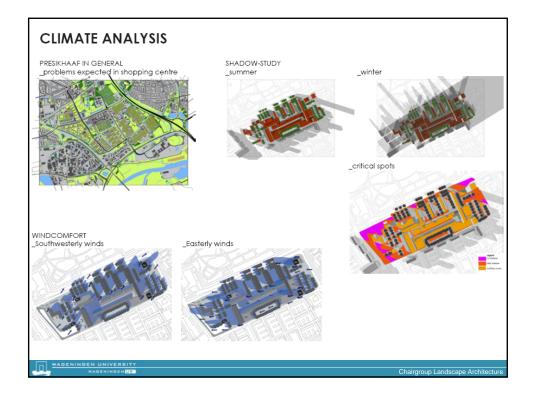


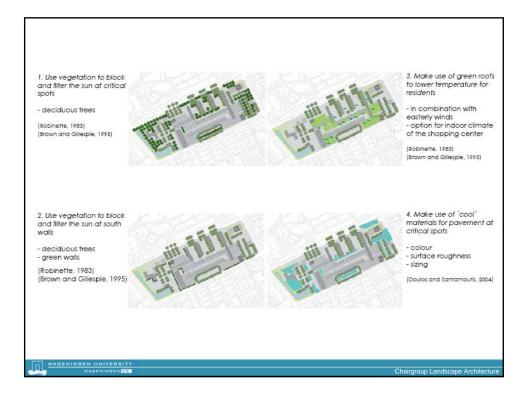


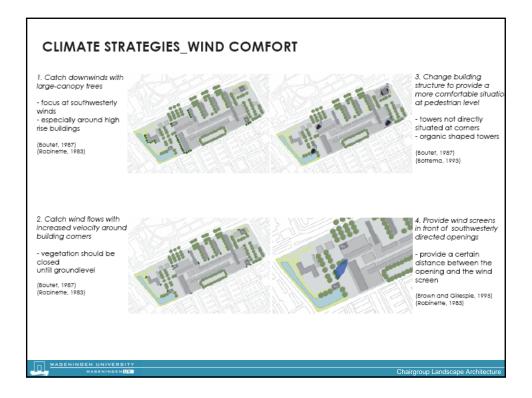


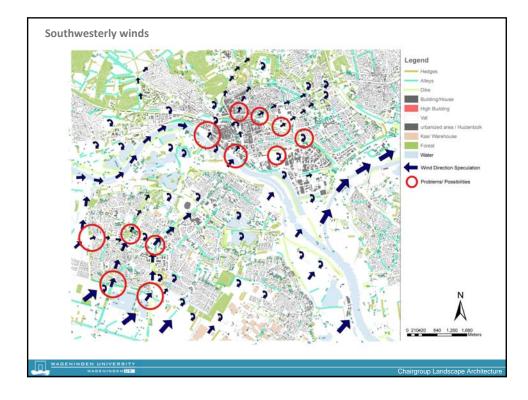


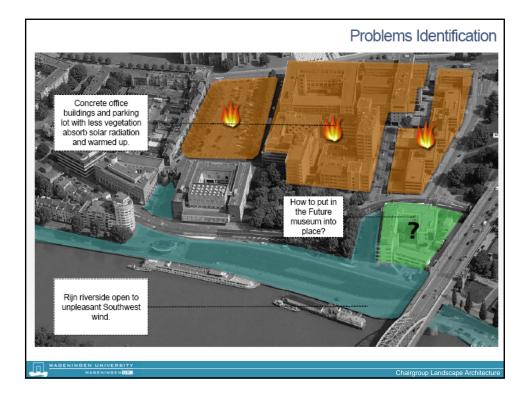


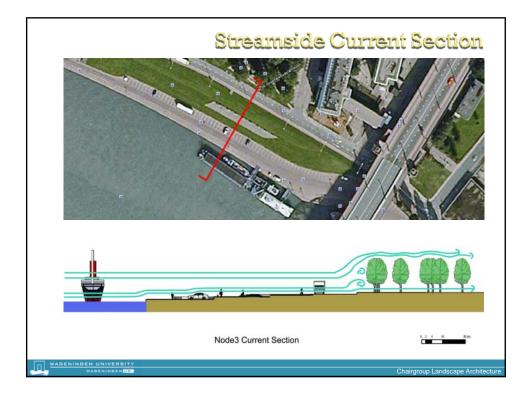


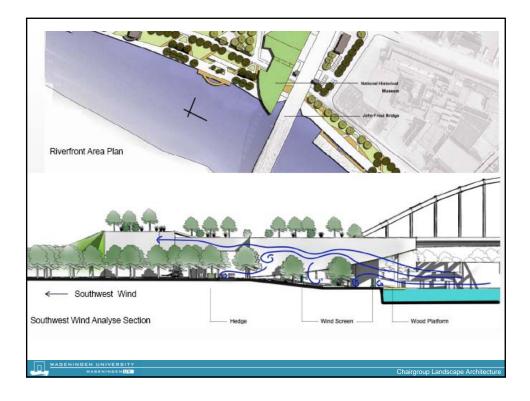














main questions:

what can be multifunctional green and waterstructures in the city that also improve (micro-) climate?

what shapes should these structures have?

what sizes/ dimensions should these structure have?

