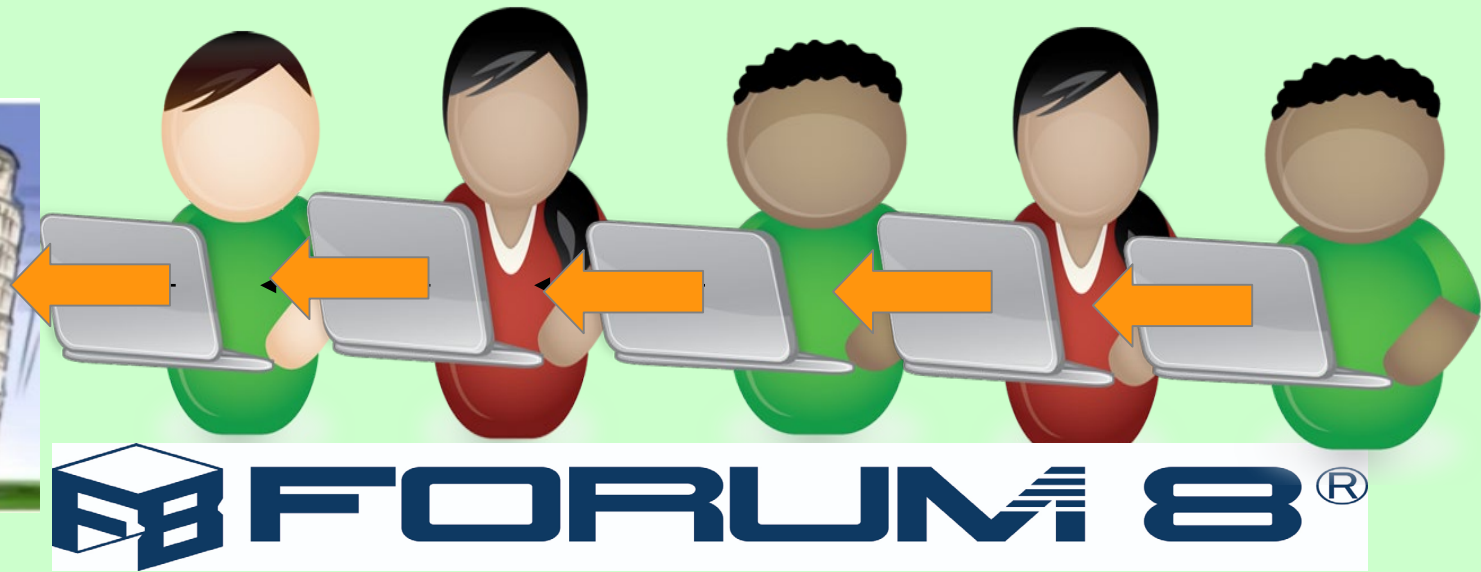


CONNECTING SOFTWARE



CONNECTING PEOPLE

world16

5D Development System UcWinroad Sustainable Planning and Design



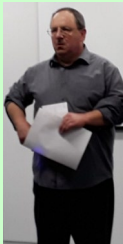
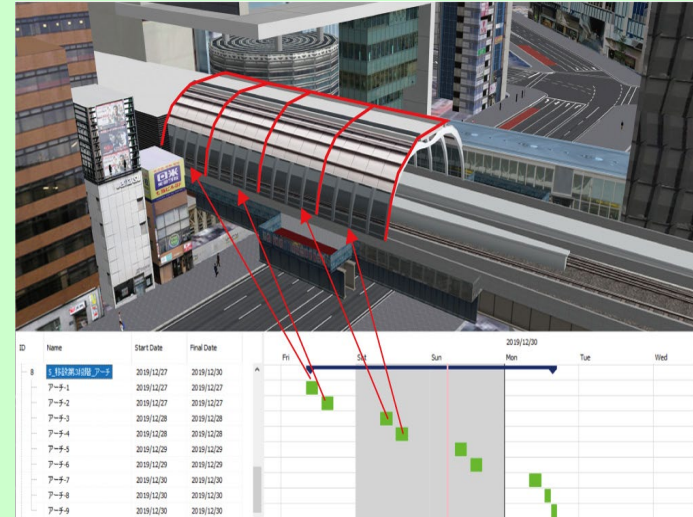
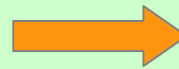
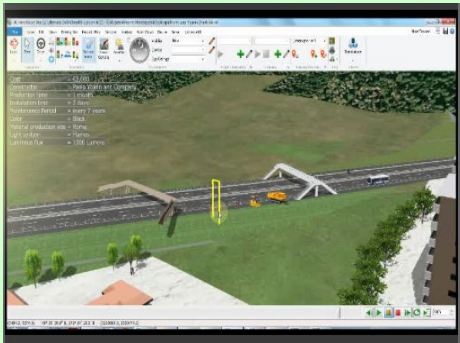
11th VR Summer Workshop
July 7th - 10th, 2020
ONLINE Remote



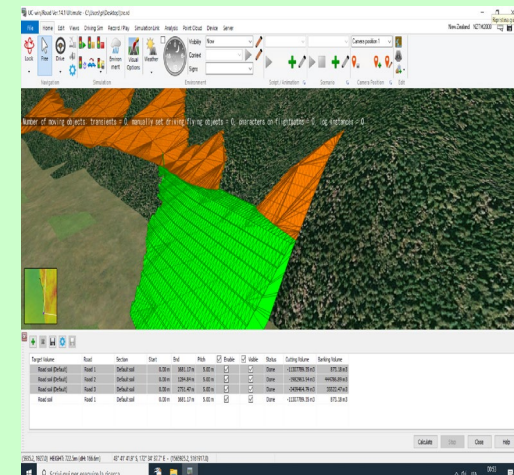
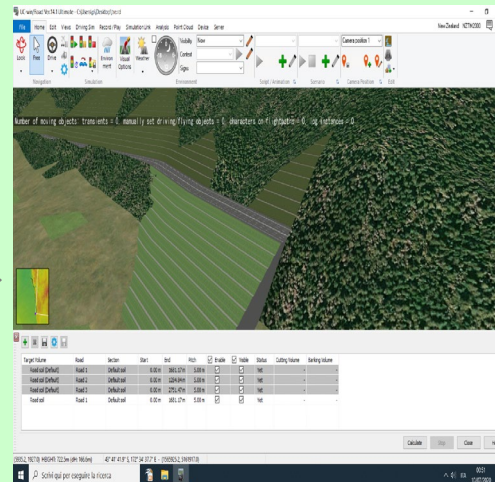
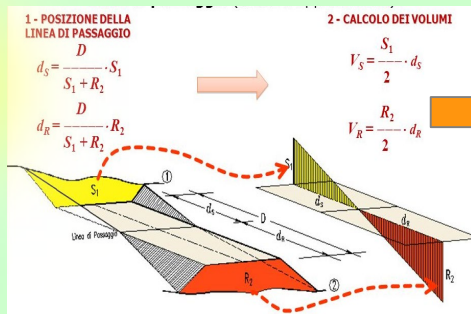
FORUM 8

3D Visualization + Engineering attributes

4D dimension



Volume Soil



5D dimension

Zoom Meeting

Speaker View

The Zoom meeting interface displays three video thumbnails. The top-left thumbnail shows Yoshihiro Kobayashi with a desert background. The top-right thumbnail shows Yoann Pencreach with a plain background. The bottom-left thumbnail shows Yoann Pencreach with a blue background featuring the FORUM 8 logo and contact information. A large yellow lightbulb icon is positioned in the center of the meeting area. The bottom-right thumbnail shows a whiteboard with handwritten notes and diagrams. The whiteboard content includes:

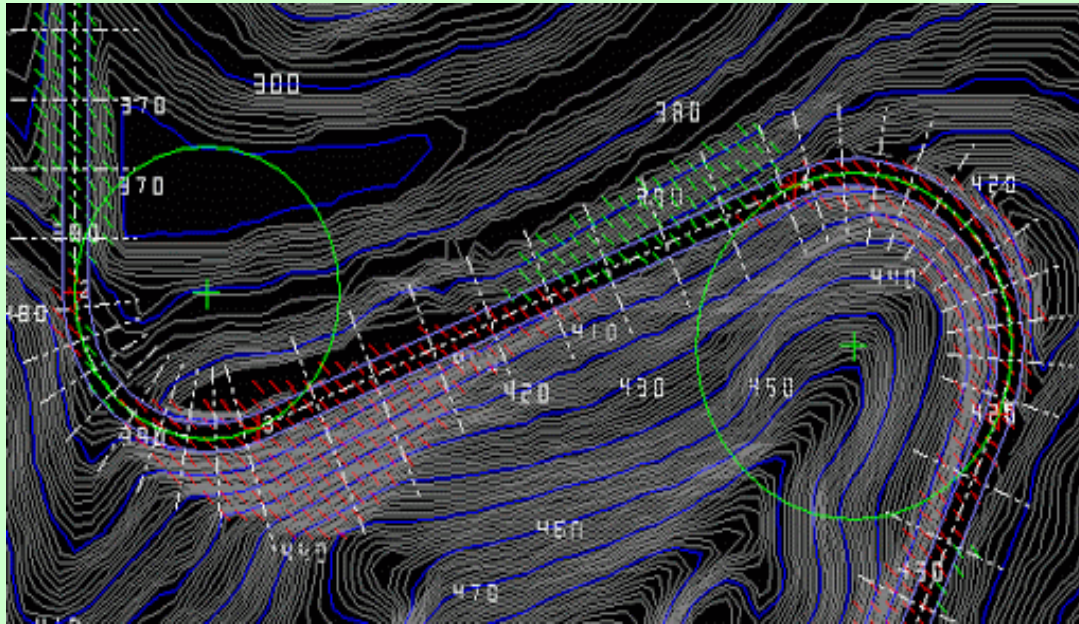
- Padco / Global Concept
- 0.5 BIM/CIM traffic slow
- UC-win/load
- Fixed IFC
- Export
- Make a TO-DO-list
- slack
- UI
- SOV IFC
- EDIT
- 4D 100
- 100
- 200
- X-2

Leave Meeting

Give feedback Cancel

Scrivi qui per eseguire la ricerca

09:30
19/06/2020



PREVENTIVO													
CANTIERE		CANTIERE		CANTIERE		CANTIERE		CANTIERE		CANTIERE			
DESCRIZIONE	QUANTITA'	UNITA'	PREZZO UNITARIO	TOTALE	DESCRIZIONE	QUANTITA'	UNITA'	PREZZO UNITARIO	TOTALE	DESCRIZIONE	QUANTITA'		
...		
Totale preventivo				...	Totale preventivo				...	Totale preventivo			

UC-win/Road Ver.14.1 Ultimate

Section editor: New Section

Section name: New Section Section type: Road

Road Bridge Tunnel Cutting Banking Soil Section

Enable

Angle	Height	Berm width	Rounding radius	Total width	Aspect
30.00°	5.00m	1.50m	0.00m	10.15m	[Edit]

Left banking

Enable

Angle	Height	Berm width	Rounding radius	Total width	Aspect
30.00°	5.00m	1.50m	0.00m	10.15m	[Edit]

Right banking

Other options

Slope end: Gradient (D/N)

Slope input unit: Angle (Deg) Gradient (D/N)

OK Cancel Help

UC-win/Road Ver.14.1 Ultimate

Section editor: New Section

Section name: New Section Section type: Road

Road Bridge Tunnel Cutting Banking Soil Section

Enable

Angle	Height	Berm width	Rounding radius	Total width	Aspect
45.00°	7.00m	1.50m	0.00m	9.50m	[Edit]

Left cutting

Enable

Angle	Height	Berm width	Rounding radius	Total width	Aspect
45.00°	7.00m	1.50m	0.00m	9.50m	[Edit]

Right cutting

Other options

Slope end: Gradient (D/N)

Slope input unit: Angle (Deg) Gradient (D/N)

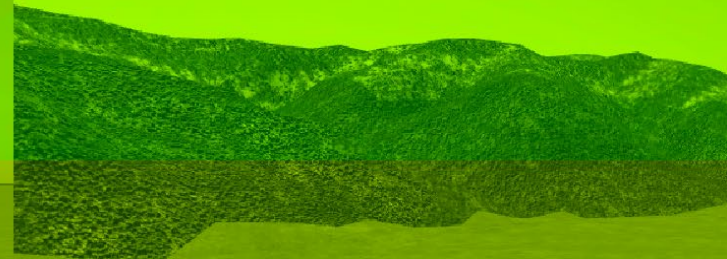
OK Cancel Help



objects = 0, characters on flightpaths = 0, log instances = 0



Number of moving objects: transients = 106, manually set driving/flying



File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Cells Editing

Normal Bad Good Neutral Calculation Check Cell Explanator... Followed H... Hyperlink Input

	A	B	C	D	E	F	G	H	I	J	K		
1	Target Vol	Road	Section	Start [m]	End [m]	Pitch [m]	Cutting Vo	Banking V	UnitCost	Cutting	UnitCost	Banking	Cost
2	Road soil	Road 1	Default so	0	100	5	-0.00614	207675	50	60	12460499		
3	Road soil	Road 1	Default so	100	200	5	-23602.8	134486.8	50	60	9249347		
4	Road soil	Road 1	Default so	200	300	5	-301186	42707.32	50	60	17621726		
5	Road soil	Road 1	Default so	300	400	5	-500753	2746.48	50	60	25202426		
6	Road soil	Road 1	Default so	400	500	5	-1333373	0.15216	50	60	66668672		
7	Road soil	Road 1	BaseFloor	500	600	5	-1440704	0.008058	50	60	72035195		
8	Road soil	Road 1	BaseFloor	600	700	5	-450436	199.7065	50	60	22533807		
9	Road soil	Road 1	BaseFloor	700	800	5	-731322	0.699135	50	60	36566162		
10	Road soil	Road 1	BaseFloor	800	900	5	-1156656	0.005363	50	60	57832793		
11	Road soil	Road 1	BaseFloor	900	1000	5	-730818	0.027956	50	60	36540877		
12	Road soil	Road 1	BaseFloor	1000	1100	5	-293008	0.064766	50	60	14650393		
13	Road soil	Road 1	BaseFloor	1100	1200	5	-49402.2	18209.15	50	60	3562657		
14	Road soil	Road 1	BaseFloor	1200	1203.968	5	-525.369	1438.446	50	60	112575.3		



Exported

Cost estimation

UC-win/Road Ver.14.1 Advanced (VR-Cloud® Edition 6.1)

File Home Edit Views Driving Sim Record / Play Simulation Link Analysis Point Cloud Server

Calculator Load simulation Water level settings Pipework settings

Soil calculate Fluid xpswmm Link

Number of moving objects: transients = 0, manually set driving/flying objects = 0, characters on flightpaths = 0, log instances

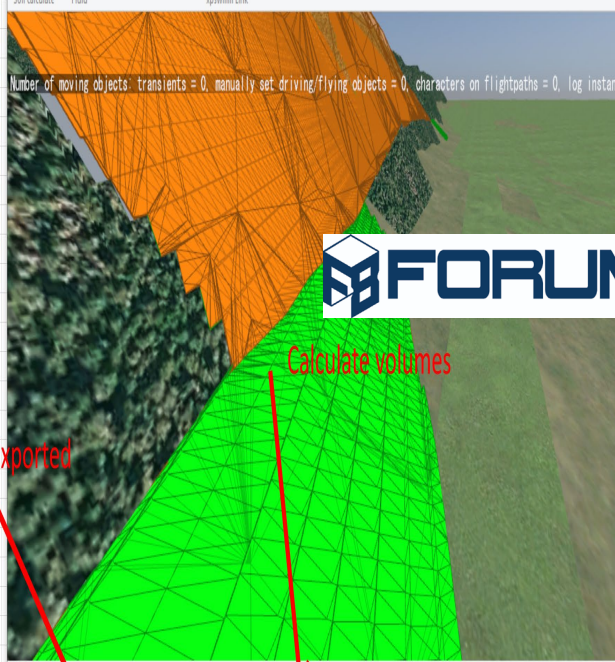
Calculate volumes

Target Volume	Road	Section	Start	End	Pitch	Enable	Visible	Status	Cutting Volume	Banking Volume
Road soil (Default)	Road 1	Default soil	0.00 m	1203.97 m	5.00 m	<input type="checkbox"/>	<input type="checkbox"/>	Yet	-	-
Road soil	Road 1	Default soil	0.00 m	100.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-0.01 m ³	207674.99 m ³
Road soil	Road 1	Default soil	100.00 m	200.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-23602.75 m ³	134486.82 m ³
Road soil	Road 1	Default soil	200.00 m	300.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-301185.74 m ³	42707.32 m ³
Road soil	Road 1	Default soil	300.00 m	400.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-500752.75 m ³	2746.48 m ³
Road soil	Road 1	Default soil	400.00 m	500.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-1333373.25 m ³	0.15 m ³
Road soil	Road 1	BaseFloor	500.00 m	600.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-1440703.89 m ³	0.01 m ³
Road soil	Road 1	BaseFloor	600.00 m	700.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-450436.49 m ³	199.71 m ³

Calculate Stop Close

DISP:60.0 Hz SIM:101971.4 Hz (1.00xRT) (5649.4, 5782.0) HEIGHT:642.2m (dH: 64.4m) 36° 18' 20.0" N, 137° 56' 03.9" E - (34049.2, -50793.9)

oad soil	Road 1	Default so	300	400	5	-500753	2746.48	50	60	25202426
oad soil	Road 1	Default so	400	500	5	-1333373	0.15216	50	60	66668672
oad soil	Road 1	BaseFloor	500	600	5	-1440704	0.008058	50	60	72035195
oad soil	Road 1	BaseFloor	600	700	5	-450436	199.7065	50	60	22533807
oad soil	Road 1	BaseFloor	700	800	5	-731322	0.699135	50	60	36566162
oad soil	Road 1	BaseFloor	800	900	5	-1156656	0.005363	50	60	57832793
oad soil	Road 1	BaseFloor	900	1000	5	-730818	0.027956	50	60	36540877
oad soil	Road 1	BaseFloor	1000	1100	5	-293008	0.064766	50	60	14650393
oad soil	Road 1	BaseFloor	1100	1200	5	-49402.2	18209.15	50	60	3562657
oad soil	Road 1	BaseFloor	1200	1203.968	5	-525.369	1438.446	50	60	112575.3

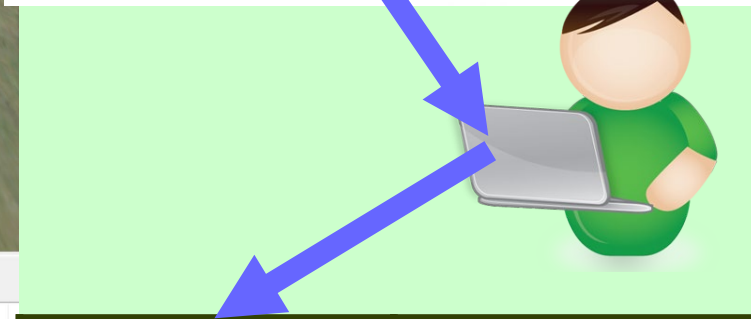


Calculate volumes

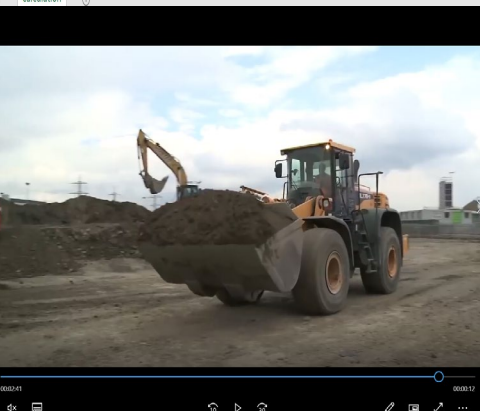
Exported

Target Volume	Road	Section	Start	End	Pitch	Enable	Visible	Status	Cutting Volume	Banking Volume
Road soil (Default)	Road 1	Default soil	0.00 m	1203.97 m	5.00 m	<input type="checkbox"/>	<input type="checkbox"/>	Yet		
Road soil	Road 1	Default soil	0.00 m	100.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-0.01 m³	207674.99 m³
Road soil	Road 1	Default soil	100.00 m	200.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-23602.75 m³	139466.82 m³
Road soil	Road 1	Default soil	200.00 m	300.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-301185.74 m³	42707.32 m³
Road soil	Road 1	Default soil	300.00 m	400.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-500752.75 m³	2746.48 m³
Road soil	Road 1	Default soil	400.00 m	500.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-1333373.25 m³	0.15 m³
Road soil	Road 1	BaseFloor	500.00 m	600.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-1440703.89 m³	0.01 m³
Road soil	Road 1	BaseFloor	600.00 m	700.00 m	5.00 m	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Done	-450436.49 m³	199.71 m³

Calculate Stop Close

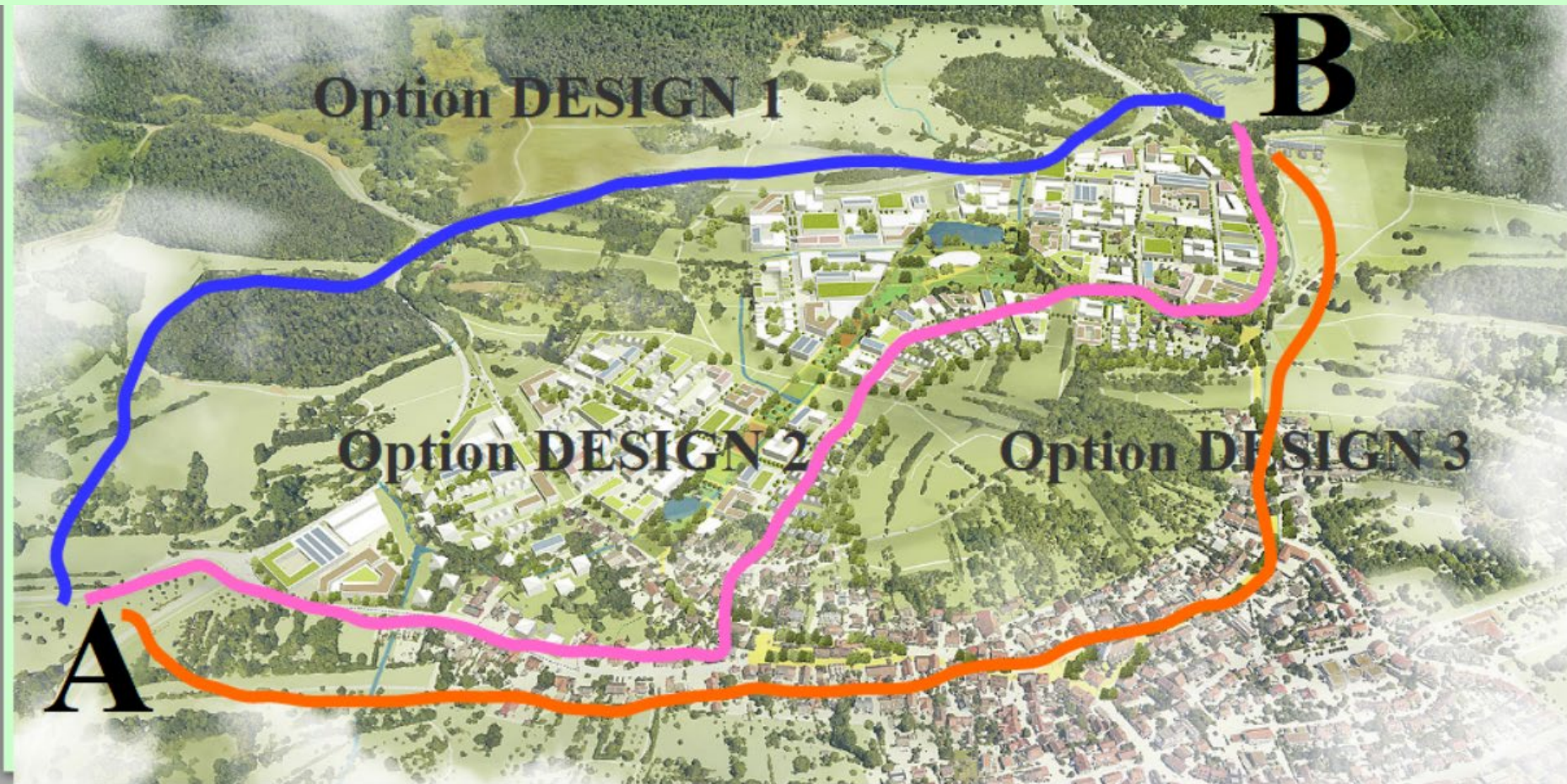


COST / m3	Total cost
720 EURO	27.450.000 E.
1200 \$	41.040.800 \$
470 £	17.020.000 £





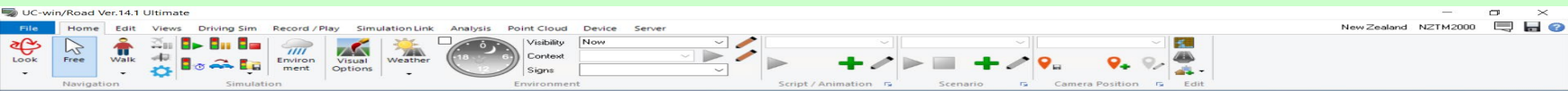
Compare design option by the cost ...



Sustainable Urban and Landscape Planning



COST / m3	Total cost
Km / road	
mq. Surface	
Urban finiture	
mq. p green	
Km ped. way	
Trees	



More Object in UcWinRoad can have more attributes:
 users can combaine tabs compare attributes make choosen
 Link with other software for preices or cost estimation

