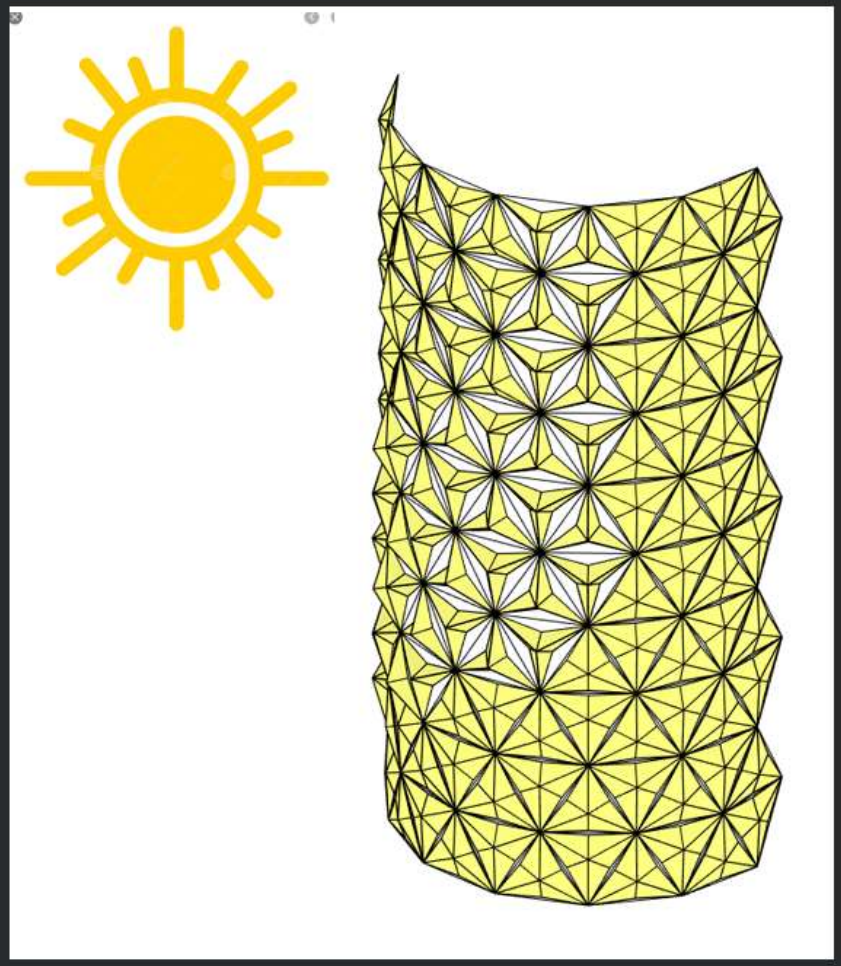
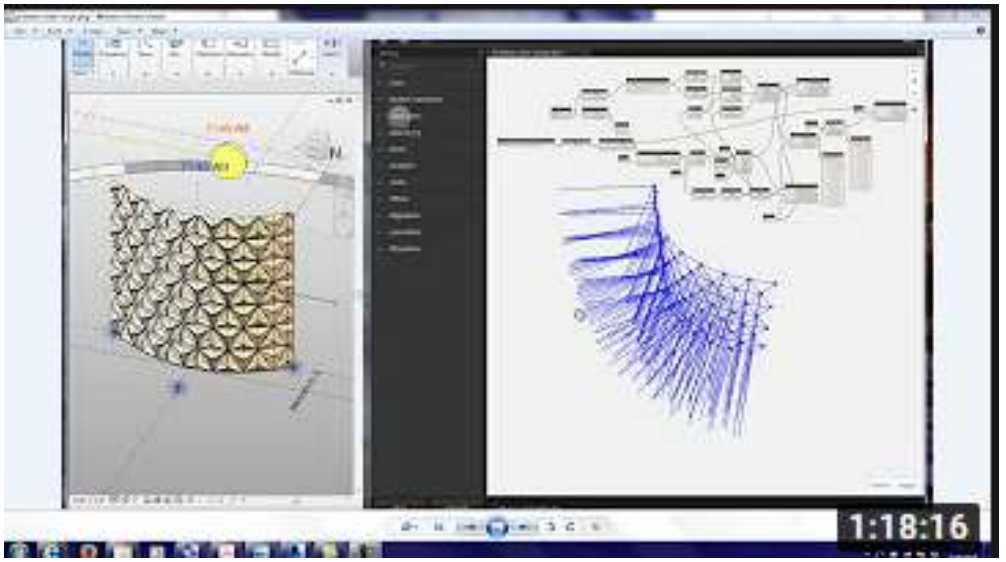


KINETIC FACADE SYSTEM IN REVIT (AL-BAHAR)

BY THE AUSSIE BIM GURU

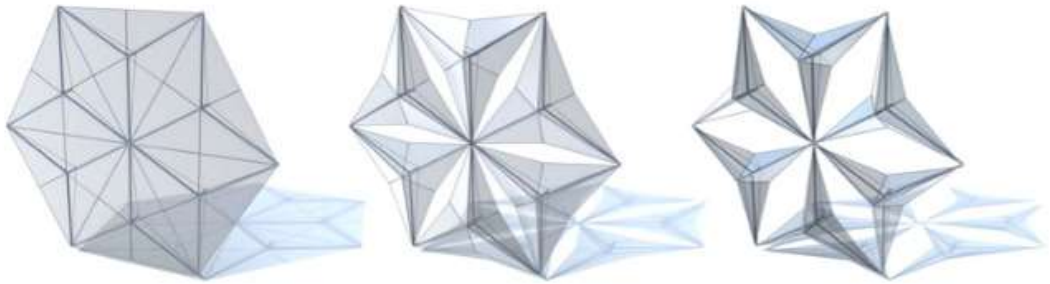
Credit to source



20150219 Computational Practice Lab 07 091
By Jeremy Roh

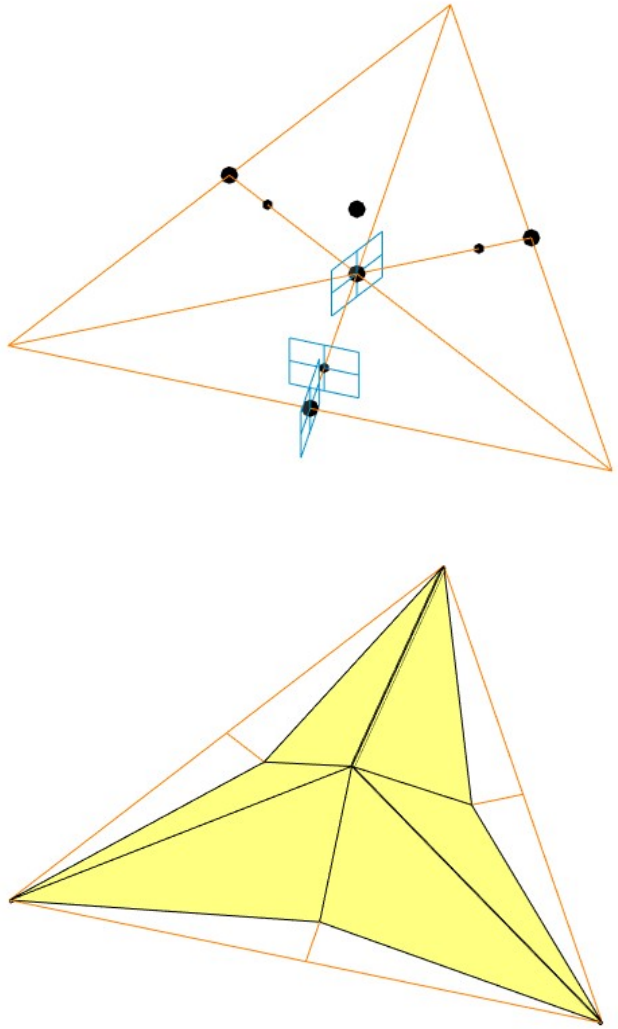
‘An oldie but a goldie’

Kinetic facades

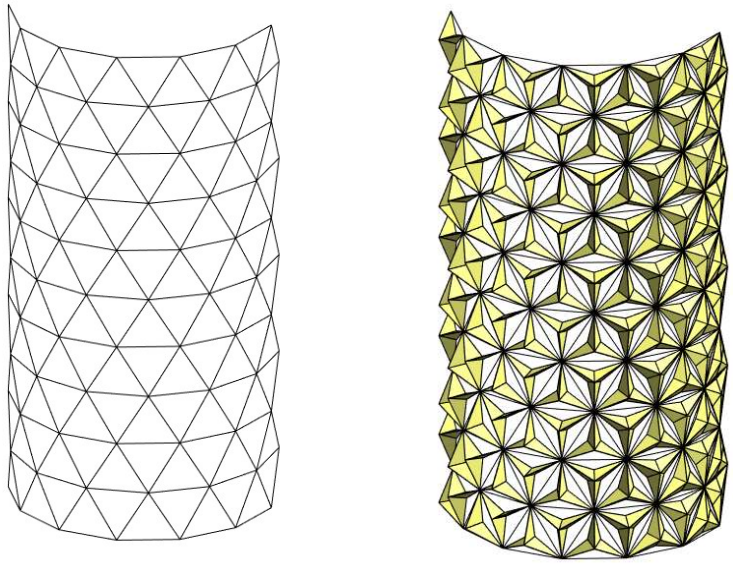


https://www.archdaily.com/270592/al-bahar-towers-responsive-facade-aedas

Previously



Previously

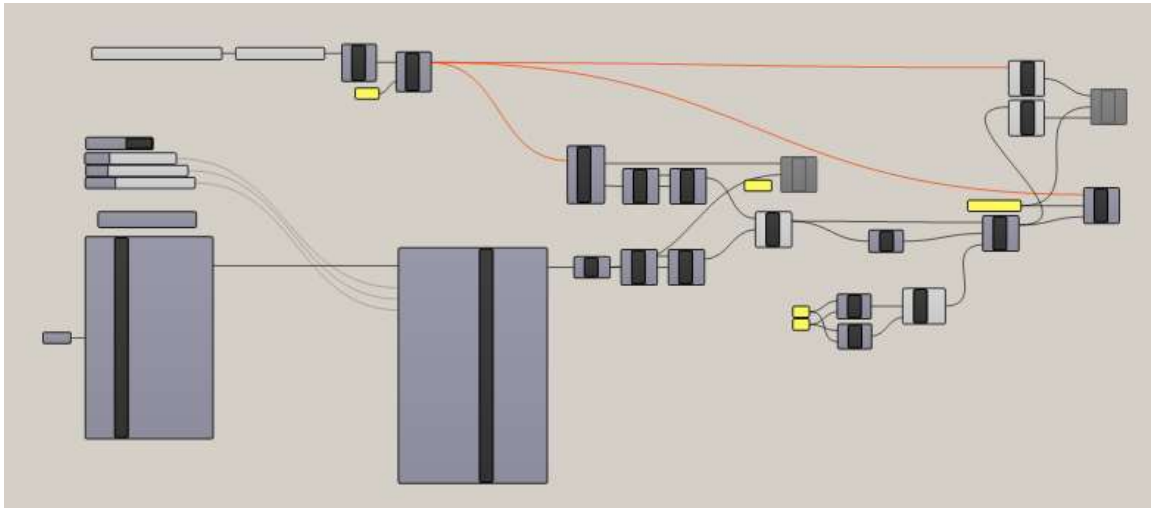


Build triangle panel

In-place mass for placement frame

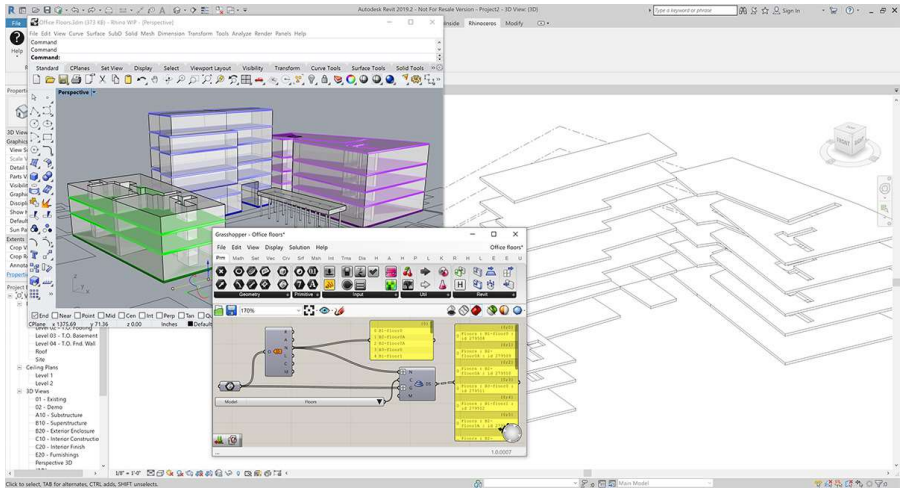
Use Dynamo to place actual panel

Making it move!



We will use Rhino Inside Revit
and Grasshopper/Ladybug
to animate the façade.

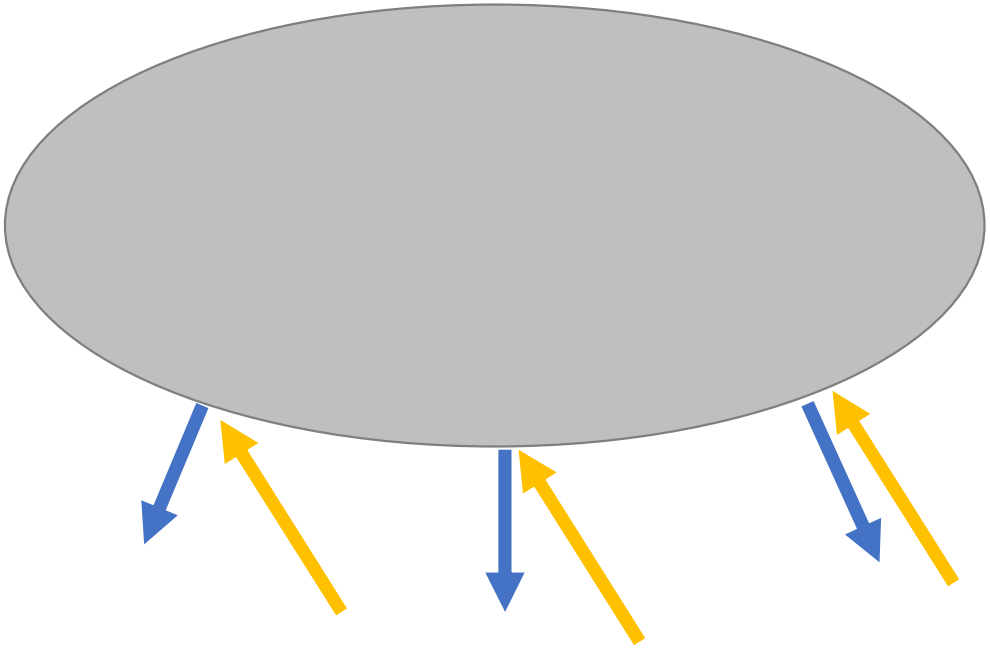
Rhino Inside



https://www.rhino3d.com/inside/

You will need Rhino 6 license and Rhino WIP

Incident angle

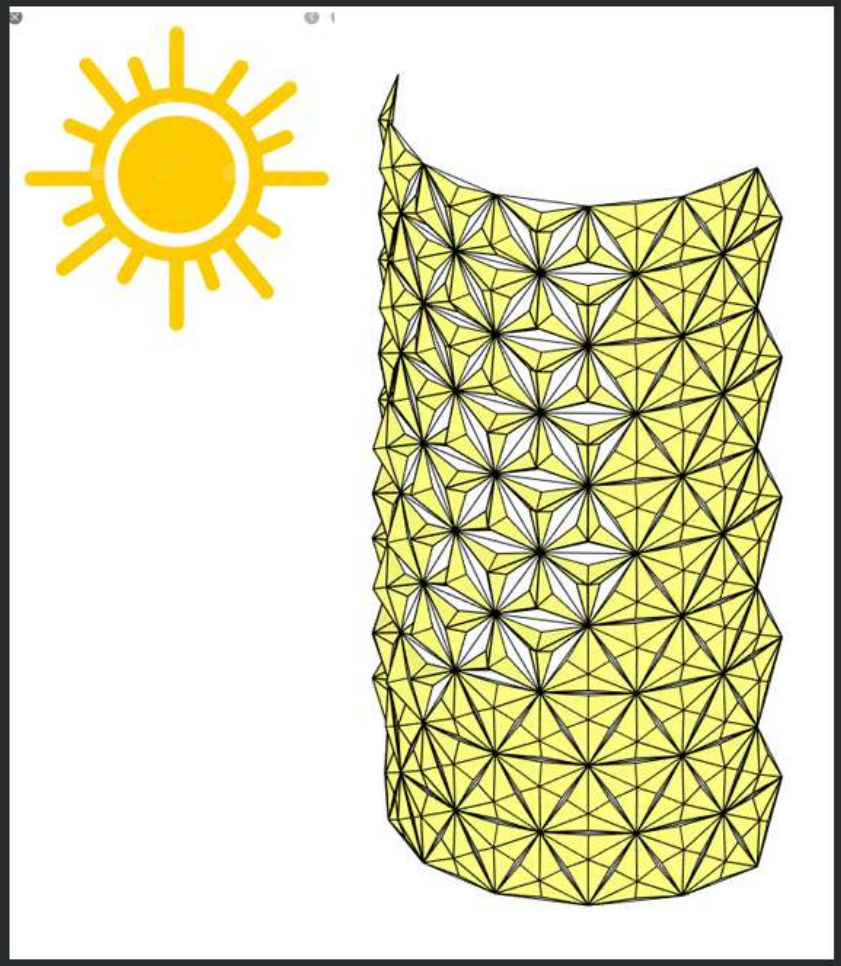


We will compare the flattened XY vector of the sun to each panel normal, then remap the results to an outcome.

Without further ado

Files on github

https://github.com/aussieBIMguru



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