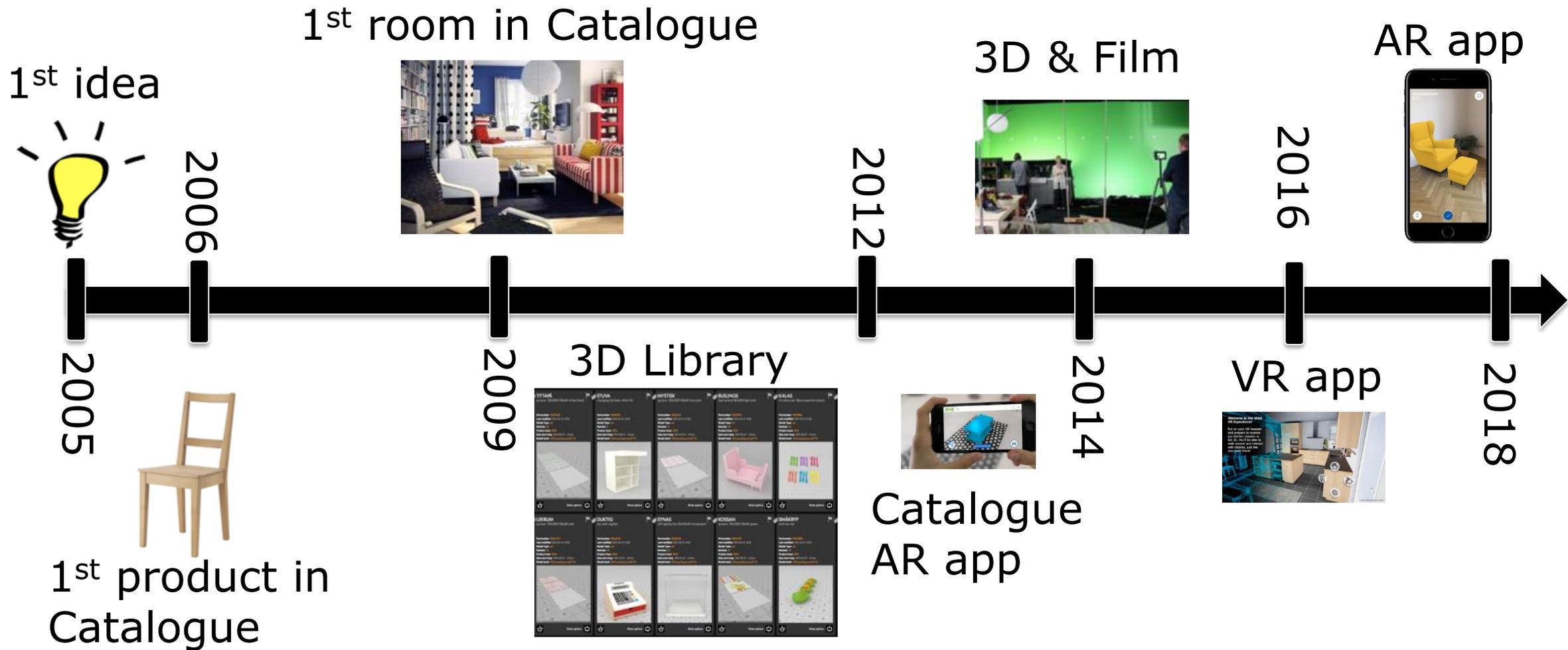


IKEA & 3D (last 12 years)



More about 3D at IKEA and the Lab at -> <https://vimeo.com/243860738>

Built since 2009



Model Library

Count: 37,506

More about 3D at IKEA and the Lab at -> <https://vimeo.com/243860738>



Texture/Pattern Library
Count : 12,104



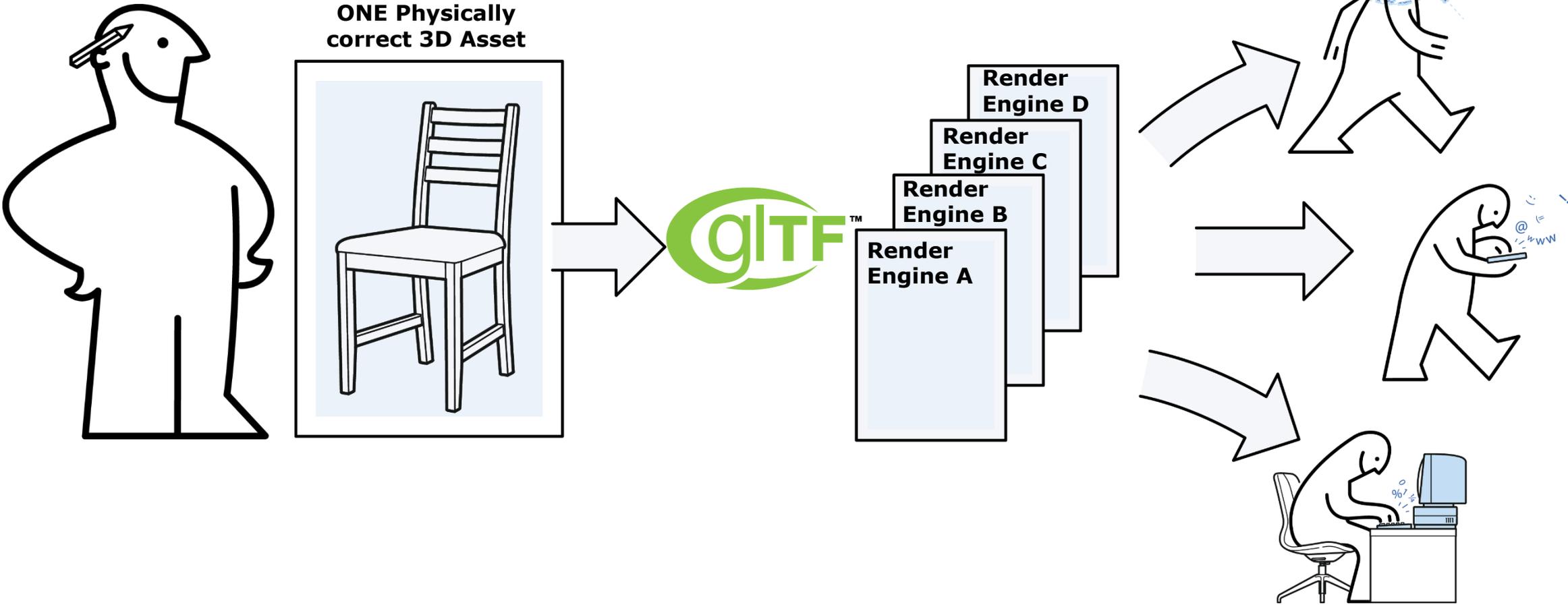
Propping Library
Count : 5,262



Material Library
Count : 10,171

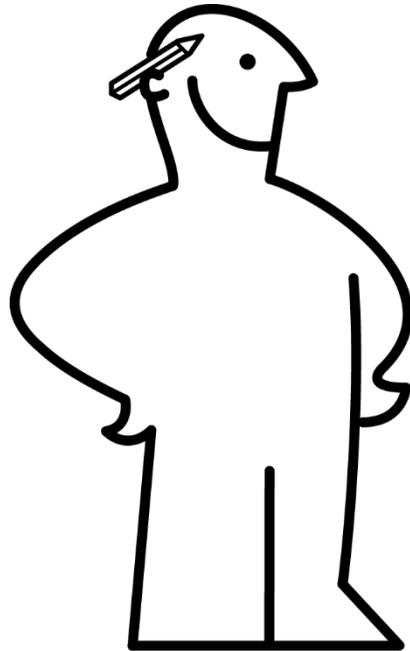


Our idea of where to use glTF



IKEA Digital Lab

IKEA products in glTF with
4 viewers



More about 3D at IKEA and the Lab at -> <https://vimeo.com/243860738>

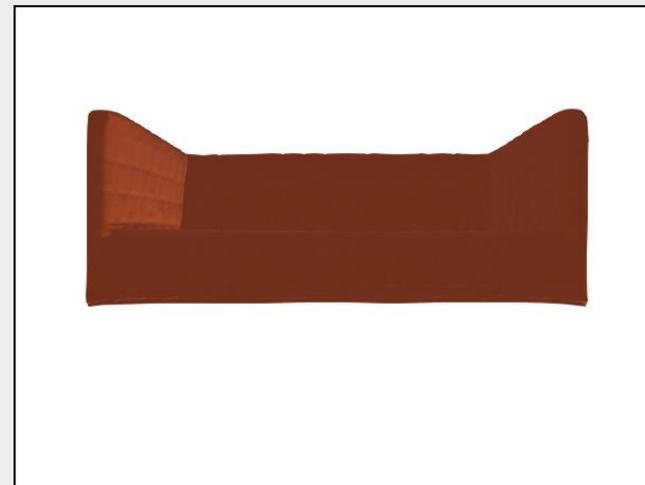
ThreeJS, load time: 2111ms



Babylon, load time: 3299ms



Cesium, load time: 1059ms



UnityDX11, load time: n/a



UnityGL, load time: n/a



Resolution: 608 x 454

ThreeJS, load time: 3031ms



Babylon, load time: 4624ms



Cesium, load time: 1885ms



UnityDX11, load time: n/a



Photo



UnityGL, load time: n/a



Resolution: 608 x 454

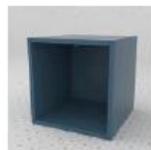
gITF handle more....



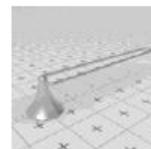
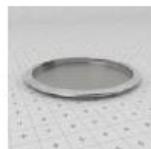
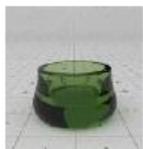
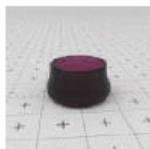
Translucent materials or subsurface scattering
SAMLÄ 80102976



Diffuse reflections and refractions
RUBRIK 80200934



Diffuse reflections and refractions
EKET 90334589



Refractions (with IOR and at least 5 steps in depth with depth coloring)
STRÄNGNÄS 60173955 green
STRÄNGNÄS 80154456 lilac
GLITTRAR 70225845

Reflections (angular dependent and at least 2 bounces)
GLÄDJANDE 70236071
TRATT 90096705
RÖNÄS 30152073



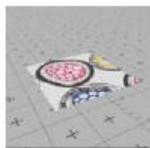
Anisotropic Materials
BAGGANÄS 90338422

4143

3392



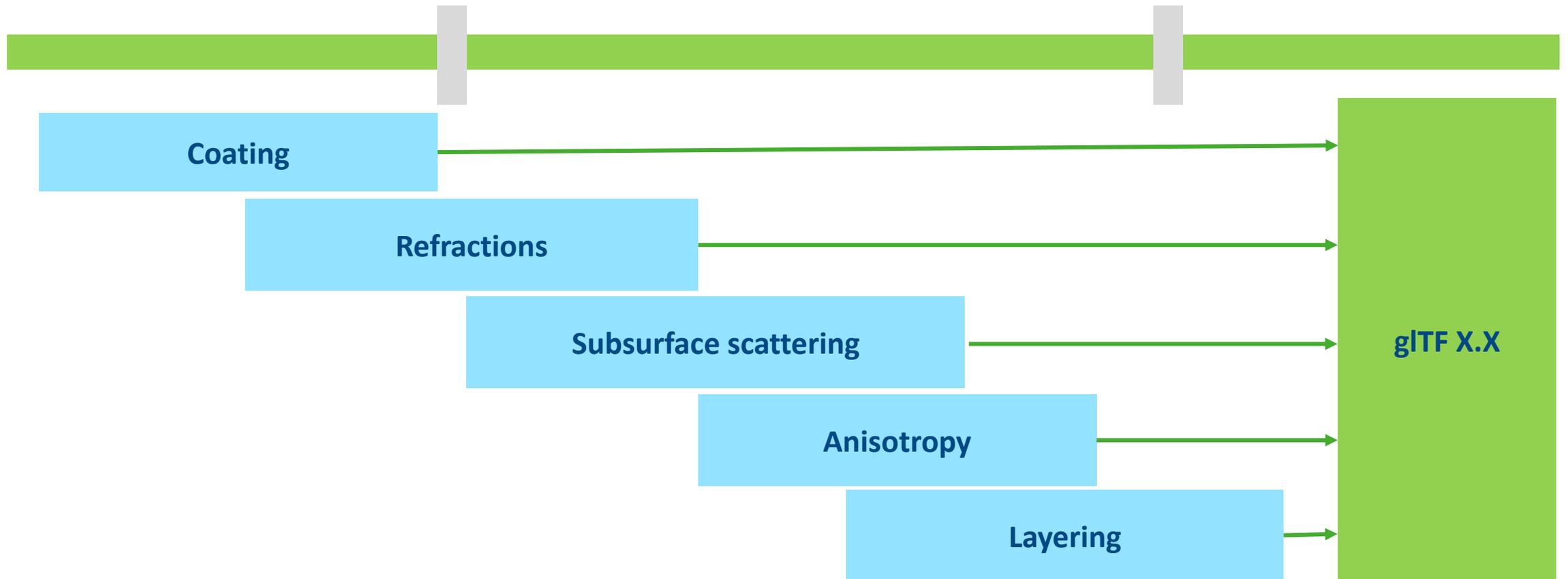
Surface irregularities (bump or normal maps)
ÖSTERNÄS 20348896



Textures & Linear handling of Colors
MYSKMÄRA 70236900

Not everything have to happen at once...

-“Just a made up plan.....”



Our idea of where to use glTF

