

Master thesis

Additive

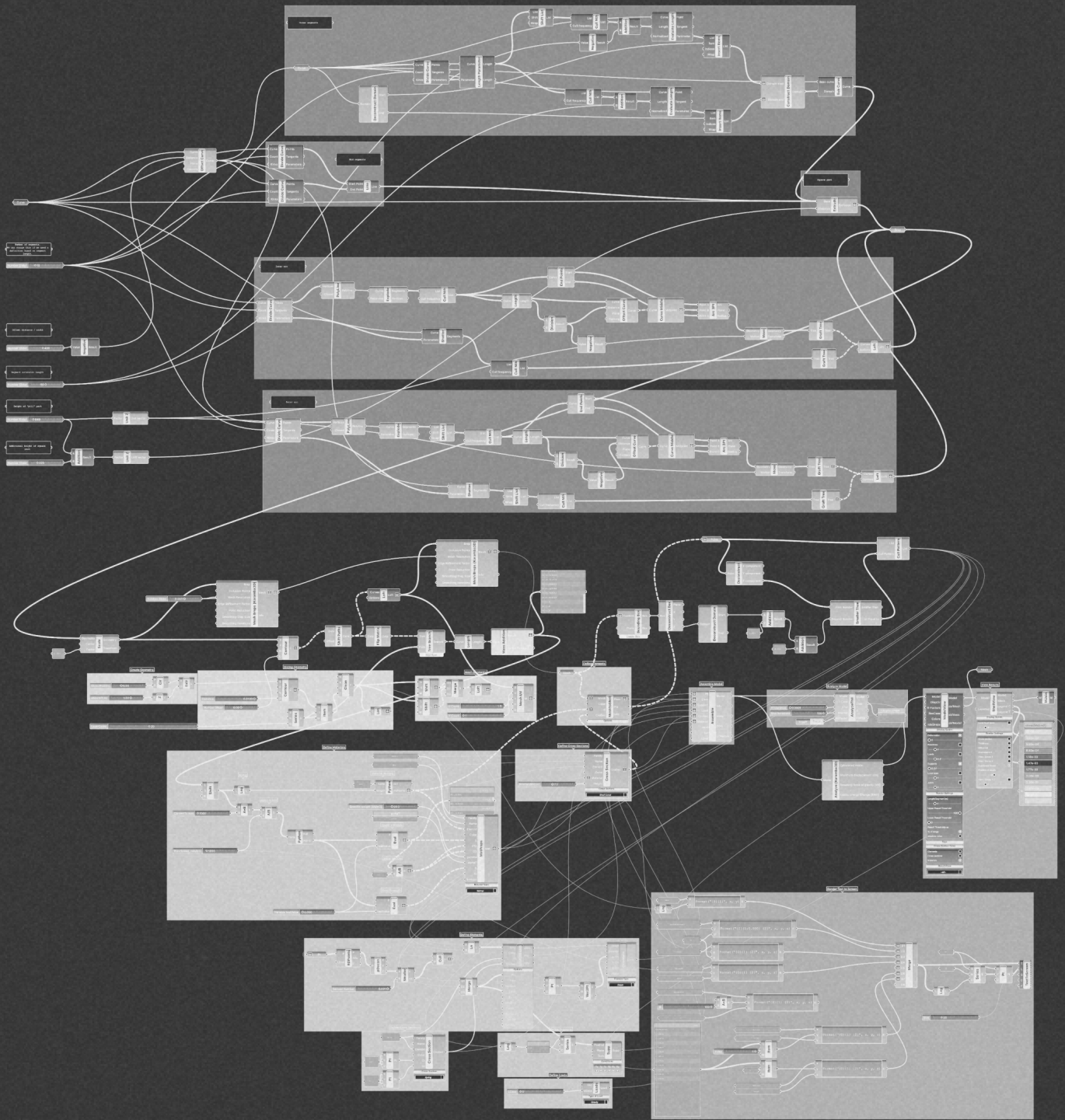
2023

This project, in collaboration with Sintef and Forsvarsbygg, marks the creation of Norway's first commercial 3D-printed building, aiming to revolutionize construction with cost-efficient, sustainable, and innovative methods.

The construction industry faces stagnant productivity, rising housing costs, and resource shortages, requiring a radical shift. By leveraging 3D printing, architects can rethink material use, optimize designs, and lead the transition to more efficient and sustainable building practices.

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Printing stability script was one of the Grasshopper analysis scripts developed during this thesis

