PATHFOOR CONFERENCE



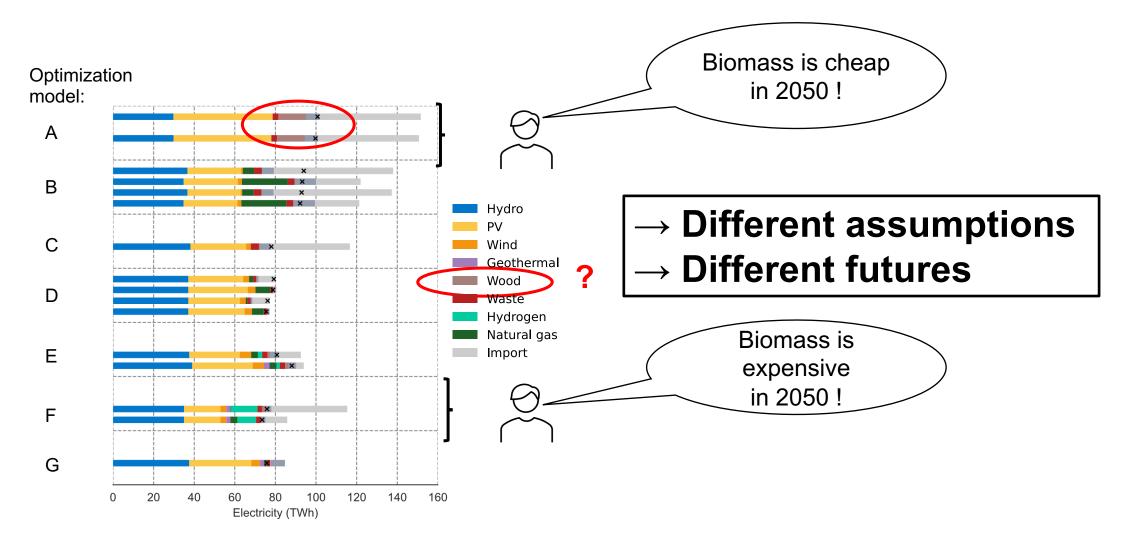
Input presentation

Niklas Nolzen, ETH Zurich
Streamlining energy scenarios
for the sector-coupled net-zero
Swiss energy system





Energy system models yield many scenarios



[1]: Marcucci et al. 2023. CROSS model result comparison. https://sweet-cross.ch/wp-content/uploads/2023/01/2023_01_18_CROSS_Scenarios_Comparison.pdf [02/23]

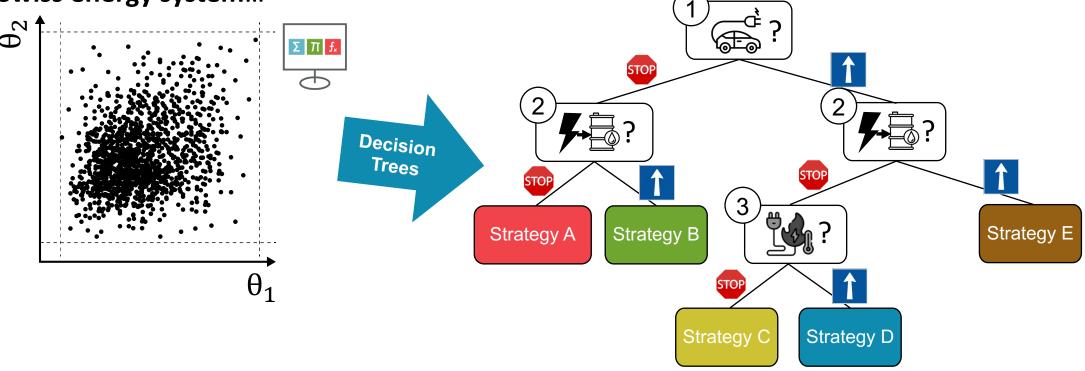


Saying **No** means saying **Yes** to something else

- under uncertainty

From 1024 net-zero scenarios for the

Swiss energy system...

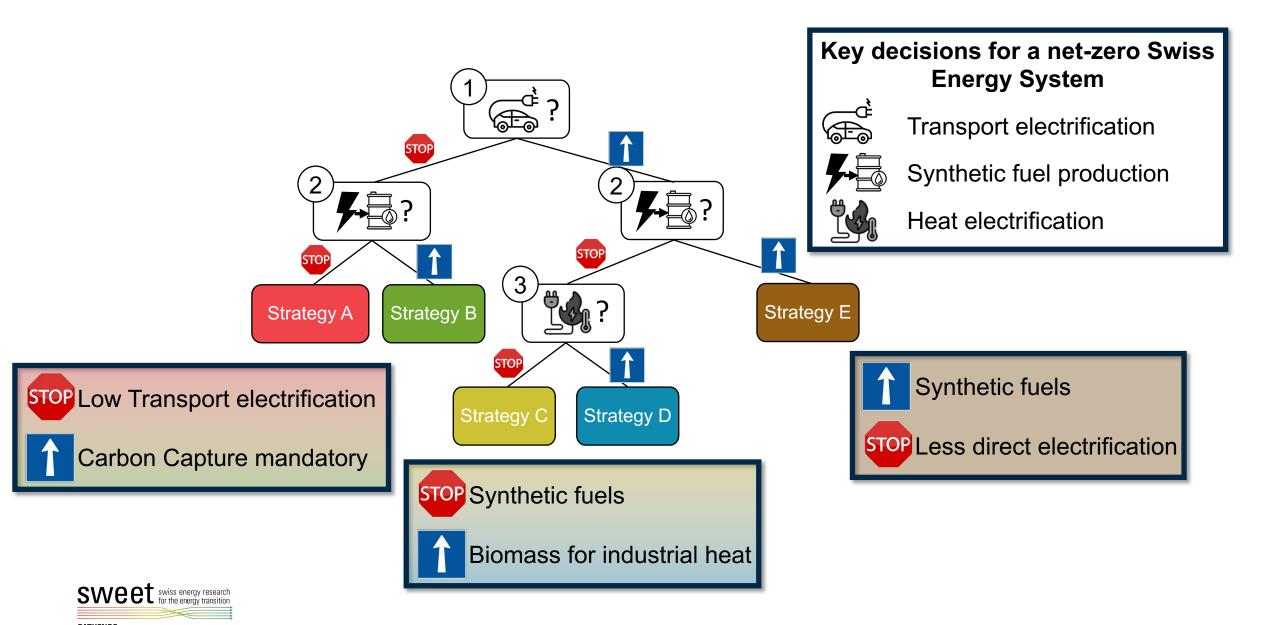


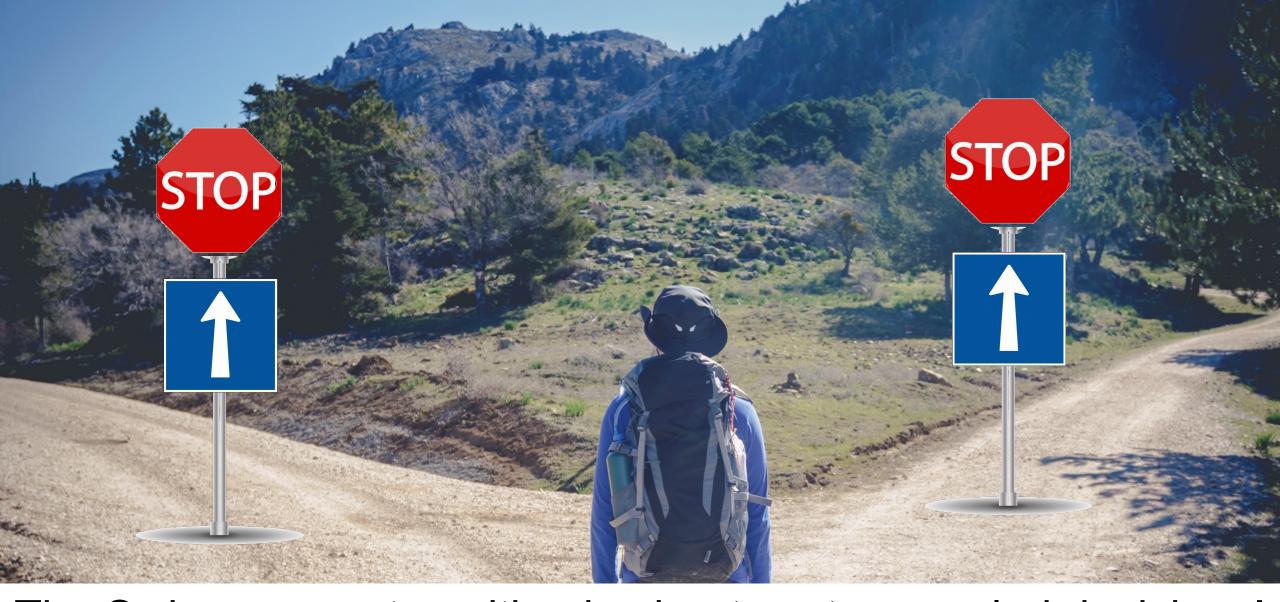
...to 3 key decisions





Decision tree on a net-zero Swiss energy system





The Swiss energy transition is about sector-coupled decisions!

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