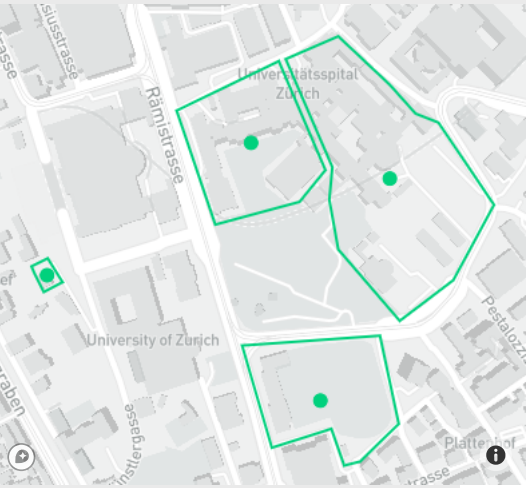


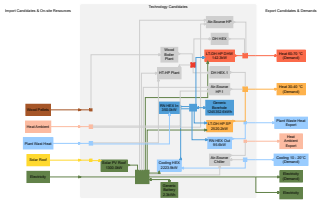
Optimal design and operation of scenario: PBD Neighborhood Exec



Optimal solution 1
11 k CHF
96.2 Tons

CO₂-eq
Green Premiums (GP)
0 CHF/Ton

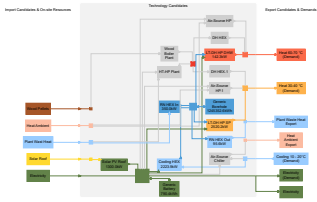
This solution represents the energy system with the **minimum Costs** and has a Total Annualized Life-cycle Cost of 911 k CHF and Total Annual Emissions of 296.2 Tons CO₂-eq. The Annualized Green Premiums are 0 CHF/Ton CO₂-eq.



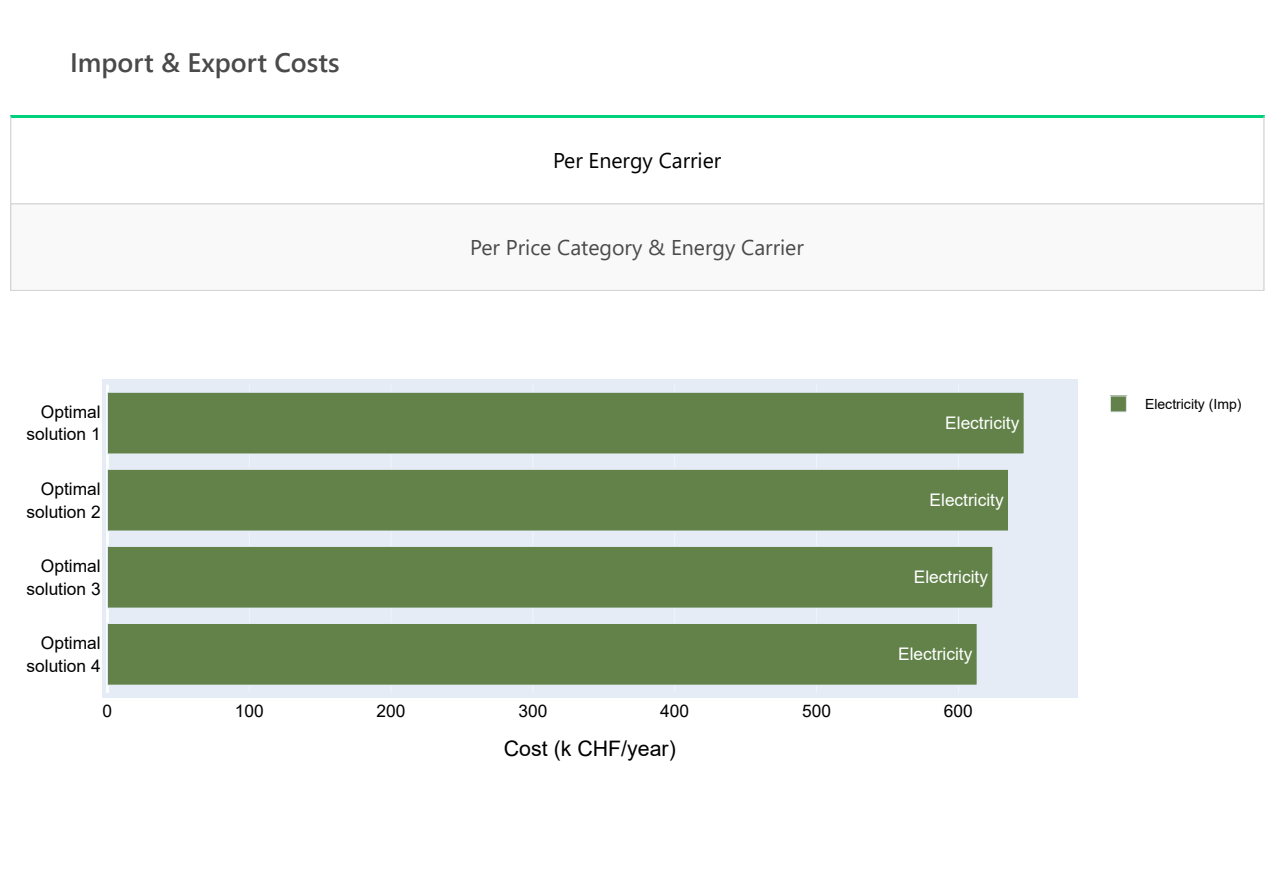
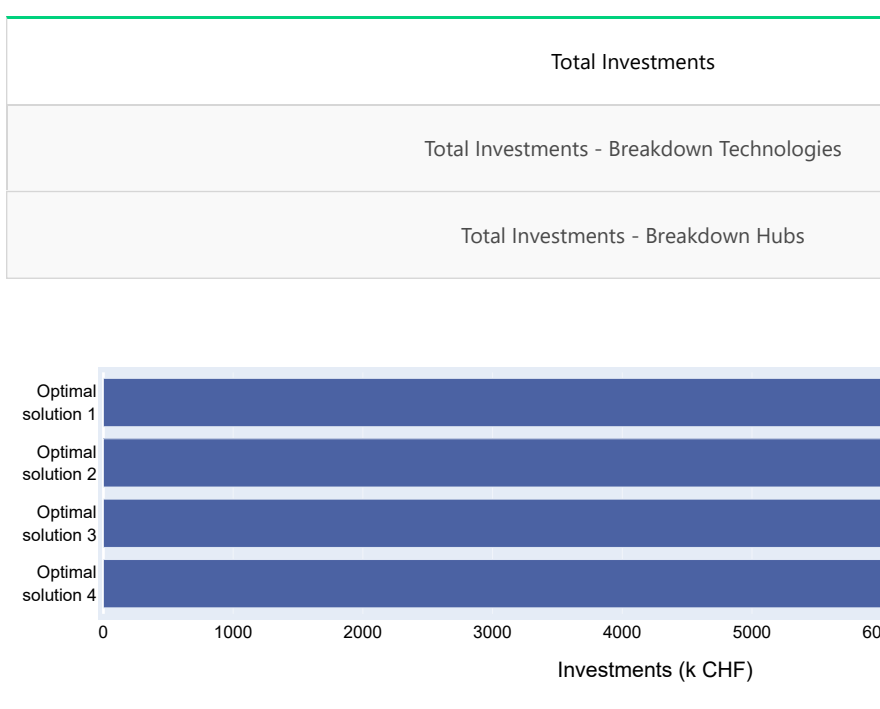
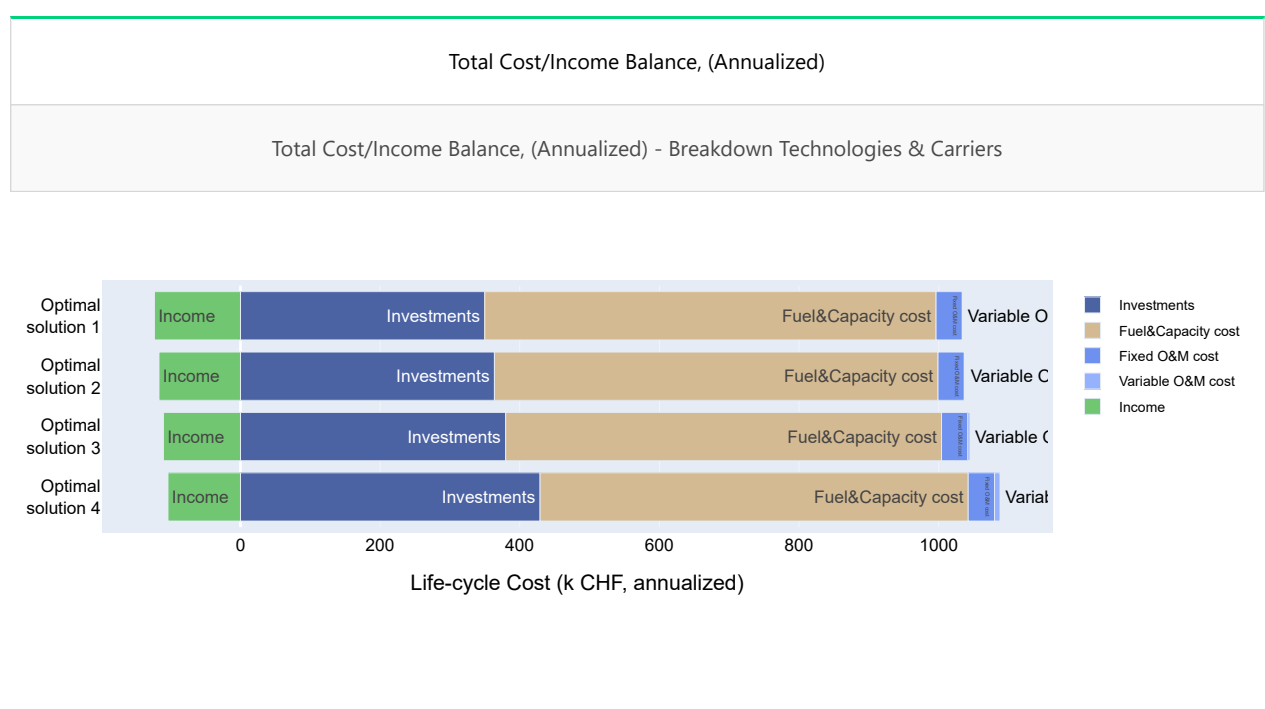
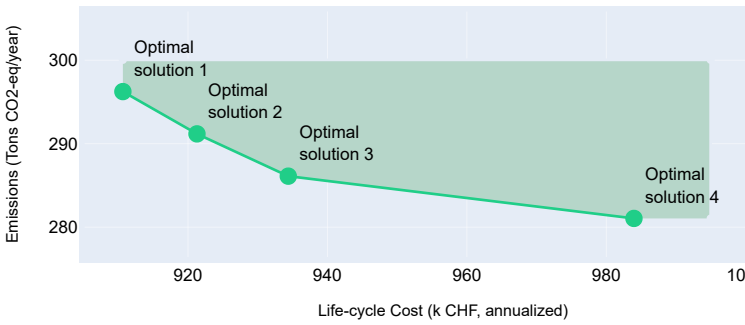
Optimal solution 4
84 k CHF
281.0 Tons

CO₂-eq
Green Premiums (GP)
4'825 CHF/Ton

This solution represents the energy system with the **minimum Emissions** and has a Total annualized Life-cycle Cost of 984 k CHF and Total Annual Emissions of 281.0 Tons CO₂-eq. The Annualized Green Premiums are 4'825 CHF/Ton CO₂-eq.



Pareto front - Life-cycle Cost vs Emissions



Optimal Design

Optimal Operation



