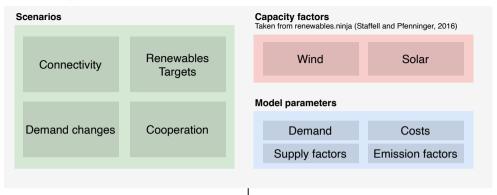
## **Model Inputs**



## **Energy Model**

A combined capacity planning model and simulation model formulated using linear programming. The software is written in Python and available freely on Github.

**Objective:**  $\min_{x} f(\mathbf{x}) = \mathbf{c}^{T} \mathbf{x}$ 

subject to:  $A\mathbf{x} = b$ 

 $l \leq \mathbf{x} \leq u$ 

## **Results Database**

(1) Analyse risks and trade-offs under various scenarios

(2) Analyse **model sensitivity** to capture distribution of results

