

**Friedrich-Alexander-Universität Faculty of Engineering** 



## From Start to Finish - The Ideal Process of Using **Simulation Software in Energy Research Project**

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<u>Challenges</u>	Goal	Key Benefits of a SimaaS-Hub
<ul> <li>Technical Barriers: Complexity in deploying and managing simulation environments.</li> </ul>	<ul> <li>Simplify the use of simulations for energy research through a Simulation-as-a-Service (SimaaS) approach.</li> </ul>	<ul> <li>Easy access to powerful tools for energy system analysis.</li> <li>Faster scenario evaluation, e.g., integration of</li> </ul>

Limited interoperability between tools and models.

- Enable complex simulations without requiring high IT resource investments.
- renewable energies.
- Providing critical insights for  $\bullet$ decision-making.

## What existing services could support each step of this process?

