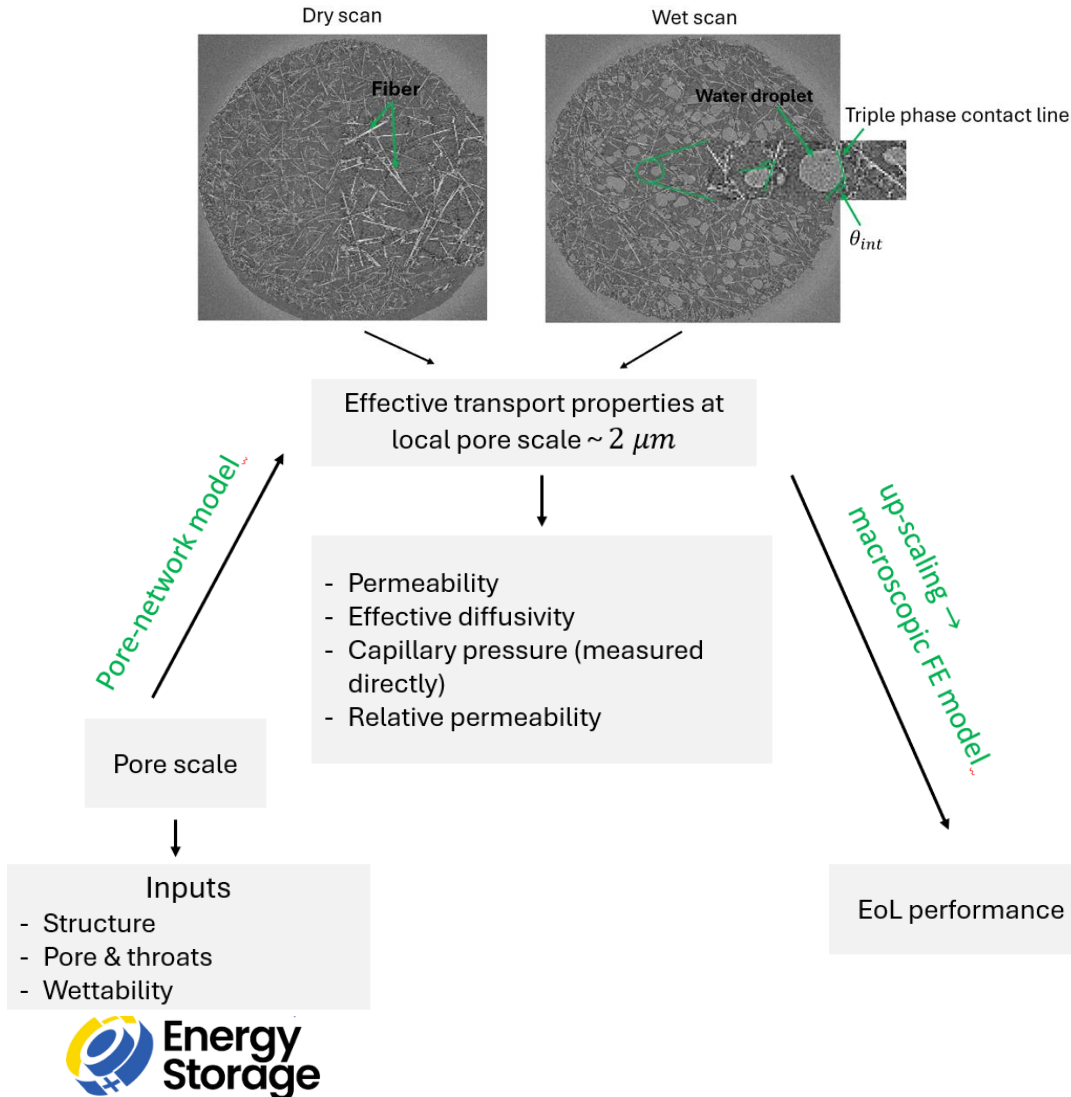


Fuel Cells Performance Prediction - continuation



Background:

An effective removal of produced water through the gas diffusion layers (GDL) is essential to achieve high performance of the PEM-fuel cell. In the continuation project studies are address to study how these properties of GDL change with life and usage.

The Goal of the Project:

Quantify the internal contact angle distribution, water transport properties and dry effective transport properties of aged and pristine GDLs using high resolution image-based methods.

Expected Result:

Provide a robust foundation for the development of predictive multiscale end-of-life PEMFC models.

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