



Development of a Financial Decision Making Model

WP T2



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## WP T2 Development of a Financial Decision Making Model (FDDM) Task Leader: TK Renewables



#### **Objectives of the FDD Model**

To project, evaluate & optimise <u>financial</u> performance of community-scale hydrogenbased energy matrix



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Establishing the **business case** for developers/operators/users for the deployment of renewable hydrogen projects in NWE



### Key analysis within the model

Despatch down & Capacity Factors for renewable sources	Throughout NWE
Energy Market pricing analysis	By region
Hydrogen Market Analysis	Capacity and value of potential revenue streams
CAPEX & OPEX	Covering the total supply chain
End use applications	Investments & Market pricing
Financial support mechanisms	By region

Model to be validated using the data coming from the three Investment Workpackages within GenComm



European Regional Development Fun





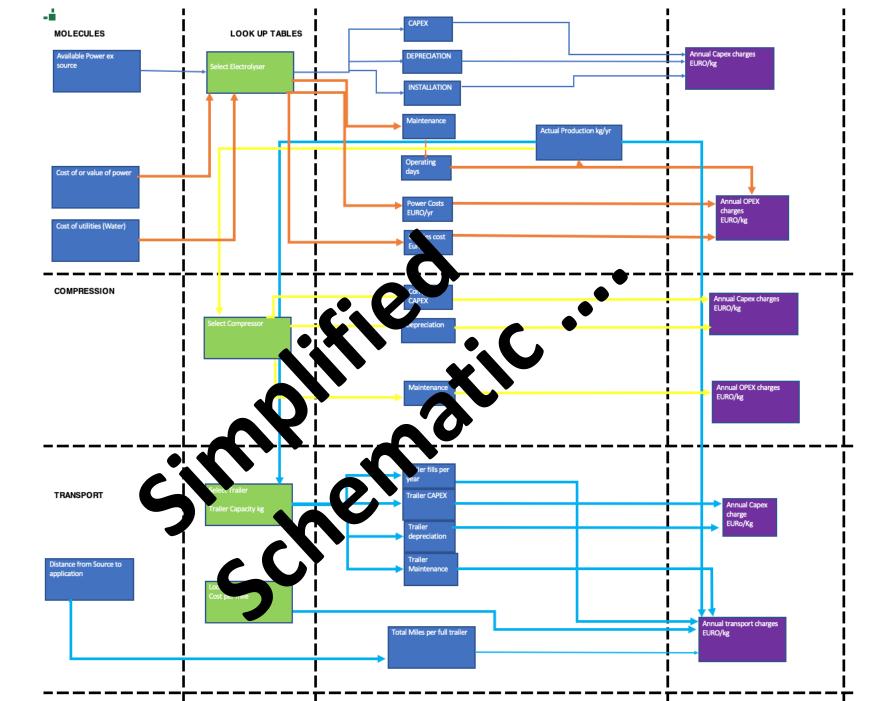
Transport Heat Power Generation Industry



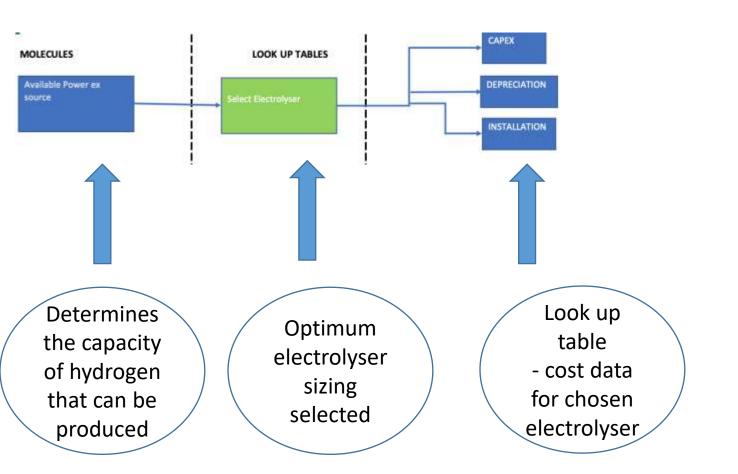
Where can hydrogen be sourced to meet a local demand and at what cost?



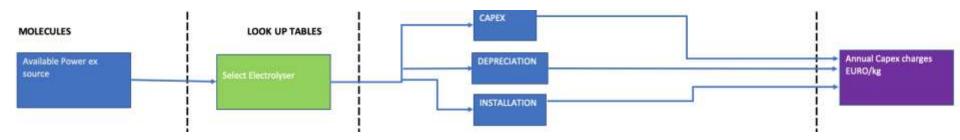
What added value can be extracted from under-utilised capacity and where can I sell H2?



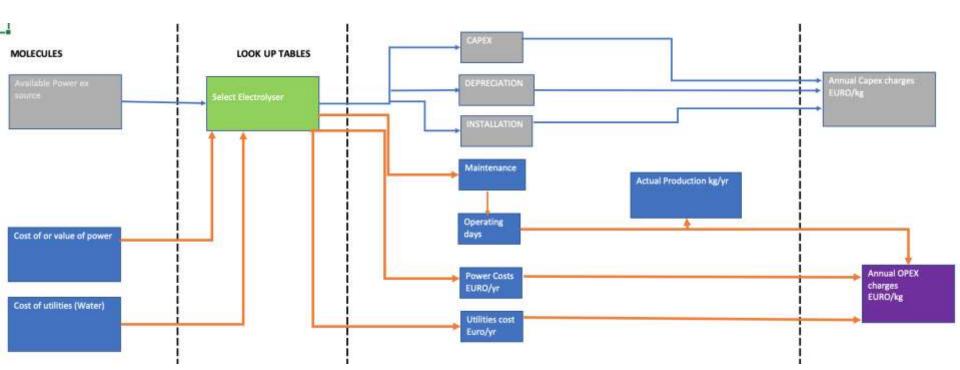




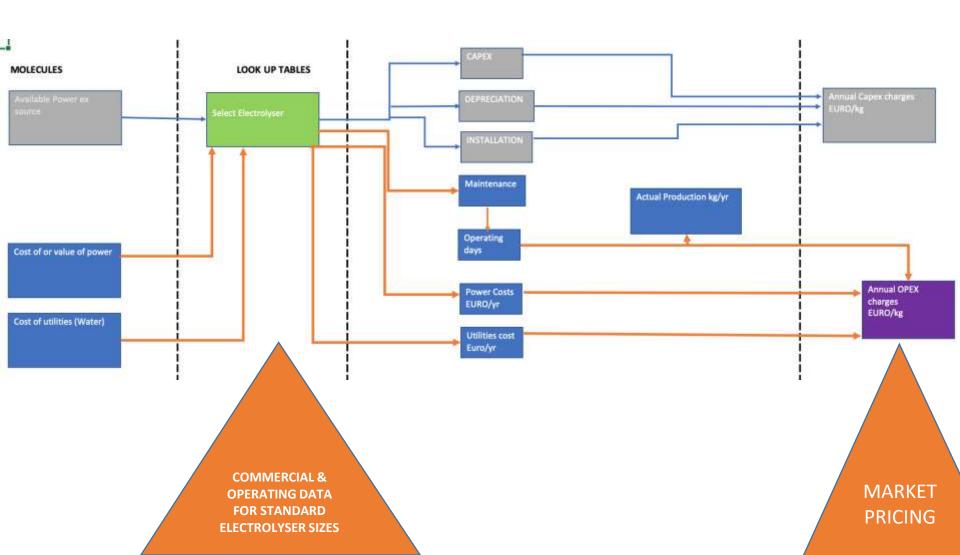




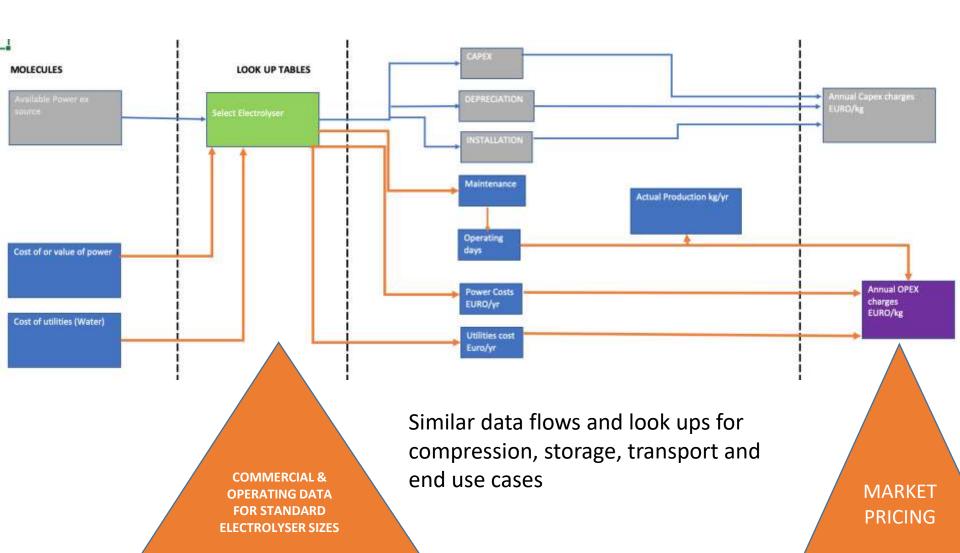














#### **In Summary**

The FDM Model will establish a commercial view of the opportunity for under-utilised renewable power to Hydrogen projects

Assists communities in realizing the commercial benefits of such projects

# **Interreg** North-West Europe GenComm

European Regional Development Fund

Thank you!